## NM1-11

C-138

Date: 2004

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 FEB 2004

OIL CONS. DIV.

DATE: 2

DATE: 2

 $\langle \mathcal{O} \rangle$ 

Revised March 17, 1999

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to Appropriate
District Office

Form C-138

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 #134E
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) "E" Sec 21, T28N, R7W, Rio Arriba County	Project #96052-082
9. Circle One:	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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 clapproved</li> <li>All transporters must certify the wastes delivered are only those consigned for transporters.</li> </ul>	necessary chemical analysis to PROVE the assified hazardous by listing or testing will be
BRIEF DESCRIPTION OF MATERIAL:	
Tank bottoms and fresh wash water from cleaning out produced water tank	c in order to allow for proper operations.
CWS attached.	
Estimated Volume ~30bblscy Known Volume (to be entered by the operator at the entered by	nd of the haul)cy
SIGNATURE JANA RAMPSO TITLE: Landfarm Man Waste Management Facility Authorized Agent	nager DATE: February 10, 2004
TYPE OR PRINT NAME: <u>Landrea Jackson</u> TELEPHONE NO: <u>(505)</u> 632-0615	
(This space for State Use)	

TITLE:

1. Generator Name and Address

ConocoPhillips Company



### NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

2. Destination Name:

Envirotech Inc. Soil Remediation Facility

#### BILL RICHARDSON

Governor Joanna Prukop Cabinet Secretary Lori Wrotenbery
Director
Oil Conservation Division

#### CERTIFICATE OF WASTE STATUS

5525 Highway 64	Landfarm #2
Farmington, NM 87401	Hilltop, New Mexico
3. Originating Site (name): San Juan 28-7 #134E	Location of the Waste (Street address &/or ULSTR):  Un'it E, Sec. 21, 728N, 1700
API # 30-039 - 22625 attach list of originating sites as appropriate	1850' FNL & BUS' FWL Rio Arriba County, Now Mexico
4. Source and Description of Waste  30 BBL tank bottoms & was	sh from cleaning out produced llow for proper operations
water pit tark wis to a	llow for proper operations
Monica D. Olson Print Name	representative for :
ConocoPhillips Company	
nservation and Recovery Act (RCRA) and Environmental Protection cribed waste is: (Check appropriate classification)	
analysis or by	T oilfield waste which is non-hazardous by characteristic y product identification
that nothing has been added to the exempt or non-exempt non -haza	ardous waste defined above.
NON-EXEMPT waste the following documentation is attached (che MSDS InformationOther	eck appropriate items): r (description
RCRA Hazardous Waste Analysis Chain of Custody	gett ex taut — gett græde e
waste is in compliance with Regulated Levels of Naturally Occur C 3.1 subpart 1403.C and D.	rring Radioactive Material (NORM) pursuant to 20
(Original Signature): MMUQ Q (D)M	
HSE & Regulatory Technician 59	9-34,58
2-10-04	

District I 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 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 ACCEP	A SOUTH WASTE
1. RCRA Exempt:  ☐ Non-Exempt: ☐	4. Generator: XTO
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: E. Scott Federal #13
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 24, T27N, R11W, San Juan County	Project #98031-009
9. Circle One:	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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 claapproved</li> </ul>	ecessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transp	oort.
BRIEF DESCRIPTION OF MATERIAL:	
Returns resulting from swabbing operations on a natural gas well.	
CWS attached.	
Estimated Volumecy Known Volume (to be entered by the operator at the	e end of the haul)cy
SIGNATURE DANGE Management Fadility Authorized Agent  TITLE: Landfarm Management Fadility Authorized Agent	ager DATE: February 11, 2004
TYPE OR PRINT NAME: <u>Landrea Jackson</u> TELEPHONE NO: <u>(505)</u> 632-0615	
(This space for State Use)  APPROVED BY: Demy Team TITLE: Fnin/f	DATE: 2/18/04
APPROVED BY: TITLE: 9 CO 1091	'5Т DATE: 2-13-09

XTO



### NEW MEXICO ENERGY, M. ZRALS and 98031-009 NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Betty Rivera
Cabinet Secretary

Lorl Wrotenbery
Director
Oil Conservation Division

#### **CERTIFICATE OF WASTE STATUS**

1. Generator Name and Address	2. Destination Name: Envirotech Inc. Soil Remediation Facility
XTO Energy Inc 2700 Farming ton Ave., Blog K, Suite 1	Landfarm #2
2700 Farming 1011	Hilltop, New Mexico
Farming ton, NM 87401 3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
	buit L, See 24, T27N, R/IN
E. Scott Federal #13 U	ruce 24, 1210, 12110
attach list of originating sites as appropriate	San Juan County, NM
attach list of originating sites as appropriate  4. Source and Description of Waste  Return 3 45 2 result of swa66	no truck as
Returns as a result of swall	ing specialises. (((c) areas gray)
liquids Modin	
I, DARRIN STEED Print Name	representative for :
XTO Energy /nc Conservation and Recovery Act (RCRA) and Environmental Protection	do hereby certify that, according to the Resource
Conservation and Recovery Act (RCRA) and Environmental Protection	on Agency's July, 1988, regulatory determination, the above
described waste is: (Check appropriate classification)	
EXEMPT oilfield waste NON-EXEM	IPT oilfield waste which is non-hazardous by characteristic
<del></del> =	y product identification
and that nothing has been added to the exempt or non-exempt non -he	azardous waste defined above
and that nothing has been added to the exempt of non exempt here is	azzi doda maste datinioù daovo.
For NON-EXEMPT waste the following documentation is attached (	(check appropriate items):
MSDS InformationO	Other (description
RCRA Hazardous Waste Analysis Chain of Custody	
Chain of Custody	
This waste is in compliance with Regulated Levels of Naturally O	occurring Radioactive Material (NORM) pursuant to 20
NMAC 3.1 subpart 1403.C and D.	<u> </u>
· Clus	
Name (Original Signature): Warren	•
Date: 2/11/04	
Date: 2/11/04	
0110	D
Oil Conservation Division * 1000 Ric	o Brazos Road * Aztec, New Mexico 87410

Phone: (505) 334-6178 \* Fax (505) 334-6170 \* http://www.emnrd.state.nm.us

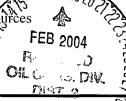
tarrin-steed@xtoenergy.Com

, 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:

State of New Mexico Energy Minerals and Natural Resources

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



Form C-138 Revised March 17, 1999

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REQUEST FOR APPROVAL TO ACCES	GI SOLID WASTE		
1. RCRA Exempt: □	4. Generator: Process Equipment and Service Company		
Verbal Approval Received: Yes ☐ No ☒	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 #92142-001		
9. Circle One:			
<ul> <li>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.</li> <li>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</li> </ul>			
All transporters must certify the wastes delivered are only those consigned for trans	port.		
BRIEF DESCRIPTION OF MATERIAL:			
Solids generated from cleaning and refurbishing production storage tanks, production equipment.	separators, dehydrators, and other		
Certificate of Waste Status and NORMS attached.			
Certificate of waste Status and NORMIS attached.			
Estimated Volume 26 boxes cy Known Volume (to be entered by the operator at the	end of the haul)cy		
SIGNATURE Management Facility Authorized Agent  TITLE: Landfarm Man	nager DATE: February 11, 2004		
ГУРЕ OR PRINT NAME: <u>Landrea Jackson</u> TELEPHONE NO: <u>(505) 632-0615</u>			
(This space for State Use)  APPROVED BY: Part Form TITLE: Environ	/Eugy DATE: 2/18/04		

TITLE:



### 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

PESCO 5680 Highway 64 Farmington, New Mexico	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
	ocation of the Waste (Street address &/or ULSTR):  Mainyard, stored in 18 sq. ft. & 12 sq. ft. steel boxes.
Source and Description of Waste     Solids generated from cleaning and refurbishing production production equipment.	on storage tanks, separators, dehydrators, and other
1. Buron Betoni.	representative for :
Print Name	
Process Equipment and Service Co.  Conservation and Recovery Act (RCRA) and Environmental Protection	do hereby certify that, according to the Resource
Conservation and Recovery Act (RCRA) and Environmental Protection described waste is: (Check appropriate classification)	n Agency's July,1988, regulatory determination, the above
NON-EXEMI	PT oilfield waste which is non-hazardous by characteristic 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 (cl	heck appropriate items):
MSDS InformationOtiRCRA Hazardous Waste Analysis Chain of Custody	her (description
This waste is in compliance with Regulated Levels of Naturally Oce NMAC 3.1 subpart 1403.C and D.	curring Radioactive Material (NORM) pursuant to 20
Name (Original Signature): Byron Bet.	
Title: Repair Shop Supervisor	
Date: 02/10/04	
:	

130 × 30 30

#### NORM SURVEY DATA SHEET

Facility / location. PESCO	·	Date:	02/10/	104	e e e e e e e e e e e e e e e e e e e
Meter Model: DOSINETER 3007A	Serial No: 9	9808-238			•
Detector Model: DOSINETER 3012	Serial No. 2	01-887-7100		•	
Calibration Date: 08/08/2001	·.			) H	
Battery Check: ( )	<b>.</b> .	·		,	
Background Radiation Level:	_mR hr				
Description of material surveyed:	la held	waste	From	الم	fuld
Item Waste Material: 462 approxit sals Equipment: Manufacturer: Serial No Description: Oil field w Job No Comments	/ Material	Surveyed			<b>\</b>
Sumer Conducted IX Byon B	etoni Set:				

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

APPROVED BY

State of New Mexico
Energy Minerals and Natural Resources

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

FEB 2004

Form C-138 Revised March 17, 1999

> Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

REQUEST FOR ALL ROVAL TO ACCEL			
1. RCRA Exempt: □	4. Génerator: Conoco Phillips		
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: San Juan 28-7 #232		
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) "G" Sec 20, T28N, R7W, Rio Arriba County	Project #96052-081		
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 trans	port.		
BRIEF DESCRIPTION OF MATERIAL:			
Tank bottoms and fresh wash water from cleaning out produced water tank	in order to allow for proper operations.		
CWS attached.			
Estimated Volume ~10bblscy Known Volume (to be entered by the operator at the end of the haul)cy			
SIGNATURE JUNES TITLE: Landfarm Manager DATE: February 10, 2004 Waste Management Ficility Authorized Agent			
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615			
(This space for State Use)			
APPROVED BY: Jeyny term TITLE: Envivo/	Engl DATE: 2/18/04		



### 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
1 San 1110 to 28-1 #232	ocation of the Waste (Street address &/or ULSTR):
Unit G Sec. 20, T28N, 12/W	API# 30-039-20993
	\ \O_1\1\dagger\ \\ \O_1\1\dagger\ \\ \O_1\1\dagger\ \\ \O_2\1\dagger\ \\ \O_2\1\dagger\ \\ \O_2\1\dagger\ \\ \O_3\1\dagger\ \\ \O_3\1\dag
attach list of originating sites as appropriate (20) Arribo	<u> </u>
10 BBL tank bottoms & wa produced water pit tank operations	sh from aleaning out
expliced moter at tonk	to allow of
prostations and printing	to preper
office and lost to	
0,0	
Monica D. Olson	representative for :
Print Name	
ConocoPhillips Company	de tractico de la companya de la com
servation and Recovery Act (RCRA) and Environmental Protection A	do hereby certify that, according to the Resource
ribed waste is: (Check appropriate classification)	and the analysis of the same o
EXEMPT oilfield waste NON-LXEMPT	oilfield wests which is a set of the set of
analysis or by	oilfield waste which is non-hazardous by characteristic product identification
that nothing has been added to the exempt or non-exempt non -hazar	dous waste defined above.
ION-EXEMPT waste the following documentation is attached (checl	( annropriate items):
	description
RCRA Hazardous Waste Analysis	$\mathcal{L}_{i}$ , which is the $B_{i}$ and $C_{i}$ , $C_{i}$ , $C_{i}$ , $C_{i}$
Chain of Custody	
The same linear with Passulated Layels of Naturally Opening	ing Dadicactive Material (NODM)
vaste is in compliance with Regulated Levels of Naturally Occurr C 3.1 subpart 1403.C and D.	ing Radioactive Material (NORM) pursuant to 20
(Original Signature): MMUS W. (W)	
** O A	-3458
TOU & INSTRUMY TRUMINERS 1 311	
2-10-04	
	·
011 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	D. Lind and C. Company

District I
1625 N. French Dr., Hobbs, NM 88240
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1301 W. Grand Avenue, Artesia, NM 88210
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1000 Rio Brazos'Road, Aztec, NM 87410
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#### State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Revised March 17, 1999
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Form C-138

#### REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

REQUEST TORTHITMO THE TO MCCEN	T DOLLE WILDIE
I. RCRA Exempt:  ☐	4. Generator: Robert L. Bayless
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: Schlosser Well No. 16
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) "P" Sec 10, T27N, R11W, San Juan County	Project #92102-011
<ul> <li>9. <u>Circle One</u>: <ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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 claapproved</li> </ul> </li> </ul>	necessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transporters	port.
BRIEF DESCRIPTION OF MATERIAL:	
Screw compressor oil stained soil generated by a long-term slow leak on the CWS attached.	ne compressor.  JAN 2004  CONS. DIV.  DIST. 3
Estimated Volume _7_cy Known Volume (to be entered by the operator at the end of	of the haul)cy
SIGNATURE Handle Racility Authorized Agent  TITLE: Landfarm Man	ager DATE: January 6, 2004
TYPE OR PRINT NAME: <u>Landrea Jackson</u> TELEPHONE NO: (505) 632-0615	
(This space for State Use)  APPROVED BY: Sent TITLE: Fruito,  APPROVED BY: Sent TITLE: 4 e o l	1 Engl DATE: 1/12/04 10915 T DATE: 1-12-4



92102011 NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

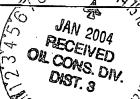
#### **BILL RICHARDSON**

Governor Joanna Prukop Cabinet Secretary

Date:

Phone Number: (505) 326-2659

January 6, 2004



Lori Wrotenbery Director Conservation Division

CERTIFICATE OF WASTE SE

1. Generator Name and Address	2. Destination Name:
M&C Drilling Company	Envirotech Inc. Soil Remediation Facility
c/o Robert L. Bayless, Producer LLC	Landfarm #2
PO Box 2406	Hilltop, New Mexico
Farmington, NM 87499	in the position of the positio
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
Schlosser Well No. 16	"P" Section 10, T27N, R11W
	San Juan County, NM
attack list of asian attacks as a survey sixty	Lease No. NMSF-078673
attach list of originating sites as appropriate  4 Source and Description of Waste	
	The state of the s
2 cylinder oil soaked soil from well	location
Screw compressor oil-long.	term stop slow load
00 20 20 20 00 00 00 00 00 00 00 00 00 0	(ci) i como conqui
Ton McComphy	
I, Tom McCarthy Print Name	representative for: See Devial long device by
111tr 7.40th	
M&G Drilling Company	do hereby certify that, according to the Resource
Conservation and Recovery Act (RCRA) and Environmental Produced Production (Charles and Production Charles and and	tection Agency's July 1988, regulatory determination, the above
described waste is: (Check appropriate classification)	5 5 1-17-1 1-17-15-12-15-17 doi:11.mail.ini. me above
VV DWWAAR III II	APPAR
XX EXEMPT oilfield wasteNON-E	XEMPT oilfield waste which is non-hazardous by characteristic
analys	sis or by product identification
and that nothing has been added to the exempt or non-exempt no	n -hazardons waste defined above
	Washington Angle defilled 400AC
For NON-EXEMPT waste the following documentation is attach	red (check appropriate items).
MSDS Information	Other (description
RCRA Hazardous Waste Analysis	•
Chain of Custody	
This waste is in compliance with Regulated Levels of Naturally	y Occurring Radioactive Material (NORM) pursuant to 20
NMAC 3.1 subpart 1403.C and D.	
Name (Original Signature): Teen (	
Name (Original Signature):	_
Title: Agent	
111, 115, 115	

State of New Mexico
Minerals and Natural Resources District II
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505 Oil Conservation Division MAR 01 2004 Santa Fe, NM 87505

Form C-138 Revised March 17, 1999

Submit Original Plus 1 Copy to Appropriate District Office

. raisiviCan

REQUEST FOR APPROVAL TO ACCEI	PT SOLID WASTE
Santa Fe, NM 87505  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) 4109 E. Main Street, Farmington	Project #92132-001
9. Circle One:	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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</li> </ul>	necessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for trans	port.
BRIEF DESCRIPTION OF MATERIAL:	6506655
Wash bay grit from 2 bays that have been dried in a drying bed.  CWS and TCLP dated 7/23/03 attached.	FEB 2004 0000000000000000000000000000000000
Estimated Volumecy Known Volume (to be entered by the operator at the e	end of the haul)cy
SIGNATURE SUN AREA POLICY Authorized Agent  Waste Management Facility Authorized Agent  TITLE: Landfarm Man	nager DATE: February 23, 2004
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615	
APPROVED BY A AP	/Euge Date 2/2)/08 Al Galger Bate 3/1/04

District I
1625 N. French Dr., Hobbs, NM 88240
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#### State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-138 Revised March 17, 1999 Submit Original

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REQUEST FOR APPROVAL TO ACCE	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) 4109 E. Main Street, Farmington	Project #92132-001
9. Circle One:	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied be one certificate per job.</li> <li>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 clapproved</li> </ul>	necessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for trans	port.
BRIEF DESCRIPTION OF MATERIAL:	V
	EB 2004 CONS. DIV. MST. 8
Estimated Volumecy Known Volume (to be entered by the operator at the e	end of the haul)cy
SIGNATURE January Authorized Agent  Waste Management Facility Authorized Agent  TITLE: Landfarm Man	nager DATE: February 23, 2004
TYPE OR PRINT NAME: <u>Landrea Jackson</u> TELEPHONE NO: <u>(505)</u> 632-0615	
(This space for State Use)  APPROVED BY: HELY TONY  APPROVED BY: EITLE:	Eng. DATE: 2/27/0 <del>1/3</del> DATE: 1



### NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

Joanna Prukop Cabinet Secretary

1. Generator Name and Address



Lori Wrotenbery Director Oil Conservation Division

1. Generator Plante and Address	2. Double Mon-Taine.
Halliburton	Envirotech Inc. Soil Remediation Facility
4109 E Main 5T	Landfarm #2
FarminsTow N.M. 87402	Hilltop, New Mexico
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
Halliburton	Hall, burton
Farmins TonNM 87402	4109 Emain
attach list of originating sites as appropriate	4109 E Muin Farming for N.M. 87402
4. Source and Description of Waste  Wash bay Grit From Z Bay	15 That Have Been Dried
INa Drying Bed.	
1, Merle DKranse	representative for :
11 111 + 1/5 10 11 50111	
Conservation and Recovery Act (RCRA) and Environmental Protection	do hereby certify that, according to the Resource
described waste is: (Check appropriate classification)	rigonoy 3 miy,1700, regulatory determination, the above
EXEMPT oilfield waste NON-EXEMP	T oilfield waste which is non-hazardous by characteristic
	,
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	eck appropriate items):
MSDS InformationOthe	er (description
RCRA Hazardous Waste Analysis Chain of Custody	
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.	
Name (Original Signature):	
Title: Material CONTIOL SUPV.	
Phone Number: 53-524-355	
Date: 2-23-04	
Oil Conservation Division * 1000 Rio Bi	razos Road * Aztec. New Mexico 87410

Phone: (505) 334-6178 \* Fax (505) 334-6170 \* http://www.enunrd.state.nm.us

# 3/ . # 3/ :s



### 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

7/23/03

Printed Name

Dean Krausett

Title / Agency

Hall button Every

Address

Hog Emain

Signature

Date

2/23/84



#### SUSPECTED HAZARDOUS WASTE ANALYSIS

Client:

Sample ID:

Lab ID#:

Sample Matrix: Preservative:

Condition:

Halliburton

2003 Wash Bay Sludge

26147 Soil

Cool

Cool and Intact

Project #:

Date Reported:

Date Sampled: Date Received:

Date Analyzed:

Chain of Custody:

92132-001

07-23-03

07-23-03 07-23-03

07-23-03

11169

**Parameter** 

Result

**IGNITABILITY:** 

Negative

**CORROSIVITY:** 

Negative

pH = 6.78

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:

Halliburton.



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

Client:	1	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 Gustody:		11,169	Date Received:	07-23-03
Sample Matrix:	1.	TCLP Extract	Date Extracted:	07-23-03
Preservative:	•	Cool	Date Analyzed:	07-25-03
Gondition:		Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Detection Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.001	0.0
1,1-Dichloroethene	ND	0.0001	0.2 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 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:

Halliburton.

Analyst Cylina

Mistine m Walters
Review



### EPA METHOD 8040 PHENOLS

•	7		2.5
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

	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	NĎ	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:

Halliburton.

- **,** Analyst Mirtine m Walters
Review



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

•••		,	and the second second second
Client:	Halliburton	Project #:	92132-001
Sample ID:	2003 Wash Bay Sli	udge Date Reported:	07-25 <b>-0</b> 3
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

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

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria	Parameter	Percent Recovery

#### 2-fluorobiphenyl

99%

References:

Method 1311, Toxicity Characteristic Leaching 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:

Halliburton.

Analyst

Misters M Walters
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

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

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.

Analyst

Misterie m Walters
Review



### QUALITY ASSURANCE / QUALITY CONTROL

### **DOCUMENTATION**



# 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
٠.	Sample Mátrix:	Water	Date Received: N/A
	Preservative:	N/A	Date Analyzed: 07-25-03
-	Condition:	-N/À · · · - · · · · · · · · · · · · · ·	-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	٦
,	Fluorobenzene	100%	ا
	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 26147.

Analyst C. Oylen

Misterie Mulatous Review



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

•	4		
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

	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:

QA/QC for sample 26147.

Alexa C. Ayeran Analyst

Misterie on Watles
Review



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

			the second secon		
Client:		QA/QC		Project #:	N/A
Sample ID:	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Matrix Duplicate		Date Reported:	07-25-03
Laboratory Number:	1 - 1 - 1	26147		Date Sampled:	N/A
Sample Matrix:		TCLP Extract		Date Received:	N/A
Analysis Requested:		TCLP		Date Analyzed:	07-25-03
Condition:		···-N/A-··		Date-Extracted:	-07-23-03

Parameter	Sample Result (mg/L)	Duplicate Sample Result (mg/L)	Detection Limits (mg/L)	Percent Difference
Vinyl Chloride	ND	ND .	0.0001	0.0%
1,1-Dichloroethene	ND	ND	0.0001	0.0%
2-Butanone (MEK)	0.0182	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.

Comments:

QA/QC for sample 26147.

Analyst

Aniotine m Walters
Review



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

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	07-25-03
Laboratory Number:	26147	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TGLP	-Date Analyzed:	07-25-03
Condition:	N/A	Date Extracted:	07-23-03

			Spiked			SW-846
	Sample	Spike	Sample	Det.		% Rec.
	Result	Added	Result	Limit	Percent	Accept.
Parameter	(mg/L)	(mg/L)	(mg/L)	(mg/L)	Recovery	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.

Analyst C. Cylina C. Cylin

Mustine Mulateus Review



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

QA/QC	Project #:	N/A
Matrix Spike	Date Reported:	07-25-03
26147	Date Sampled:	N/A
TCLP Extract	Date Received:	N/A
TCLP ·	-Date Analyzed:	07-25-03
N/A	Date Extracted:	07-23-03
	QA/QC Matrix Spike 26147 TCLP Extract TCLP	QA/QC Project #:  Matrix Spike Date Reported:  26147 Date Sampled:  TCLP Extract Date Received:  TGLP -Date Analyzed:

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)	0.0182	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.

Apalyst

Mustine M Walters Review



#### 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/ <b>L</b> )
		•	
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 C. Qui

Misture m Walters
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:	
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	NĎ	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400
Pentachlorophenol	ND	0.020	100

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery	
	2-Fluorophenol	99%	
2,4,6-Tribromophenol		99%	

References:

Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid

Waste, SW-846, USEPA, July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid

Waste, SW-846, USEPA, July 1992.

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

Note:

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

Comments:

QA/QC for sample 26147.

Analyst P. Cylen

Mistine M Wetlers
Review



### EPA METHOD 8040 PHENOLS Quality Assurance Report

			and the second s
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 Acceptance Criteria: Parameter Maximum Difference

8040 Compounds

30.0%

References:

Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid

Waste, SW-846, USEPA, July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid

Waste, SW-846, USEPA, July 1992.

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

Note:

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

Comments:

QA/QC for sample 26147.

Analyst

Review



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

Olient:	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 Réceived:	N/A
Preservative:	N/A	Date Extracted:	N/A
Condition:	N/A <sup>.</sup>	Date Analyzed:	07-25-03
		Analysis Requested:	TCLP

	Concentration	Dët Limit	Regulatory Limit
Parameter	(mg/L)	(mg/L)	(mg/L)
Pyridine Hexachloroethane Nitrobenzene	ND ND ND	0.020 0.020 0.020	5.0 3.0 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:

QA/QC for sample 26147.

Allen Ger

Mistine M Wasters
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

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Ľimit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene Hexachlorobutadiene	ND ND	0.020 0.020	2.0 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, 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 26147.

Analyst . Of

Review Walter



#### **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:	07-25-03
Laboratory Number:	26147	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:		Date Extracted:	07-23-03
Condition:	N/A	Date Analyzed:	07-25-03
		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 Nitrobenzene	ND ND	ND ND	0.0% 0.0%	0.020 0.020
Hexachlorobutadiene	ND	ND	0.0%	0.020
2,4-Dinitrotoluene	ND .	ND	0.0%	0.020
HexachloroBenzene	ND	ND	0.0%	0.020

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria	Parameter	Maximum Difference

#### 8090 Compounds

30%

References:

Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992. Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 1992.

Method 8090, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.

Note:

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

Comments:

QA/QC for sample 26147.



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

Client:	N/A	Project #:	N/A
Sample ID:	07-25-TCM QA/QC	Date Reported:	07-25-03
Laboratory Number:	26147	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Analysis Requested:	TCLP Metals	Date Analyzed:	07-25-03
Condition:	N/A	Date Extracted:	-N/A

Blank & Duplicate Conc. (mg/L)	Instrument Blank	Method Blank	Detection Limit	Sample	Duplicate	% Difference	Acceptance Range
Arsenic	ND	ND	0.001	0.008	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	ŇD	ND	0.001	0.003	0.003	0.0%	0% - 30%
Silver	ND	ND	0.001	ND	ND	0.0%	0% - 30%

Spike Conc. (mg/L)	Spike Added	:Sampli	e Spiked Sample	Percent	Acceptance Range
Arsenic	0.500	0.008	0.507	99.8%	80% - 120%
Barium	0.500	0.964	1.46	99.7%	80% - 12 <b>0%</b>
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%
Şilver	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 26147.

Analyst

Review

### CHAIN OF CUSTODY RECORD

Client / Project Name			Project Location					e propriet	ANALVO	S / PARAN	ACTION	· C.:		
Hall, burton			92/32	-001					ANALISI	5 / PARAIV	/IE I E.T			
Sampler:			Client No.				S			1		. / A	emarks	
morgan Killer	<u></u>		Halliburto	~		No. of	Containers	8					<del></del>	
Sample No./ Identification	Sample Date	Sample Time	Lab Number		Sample Matrix	Ž	Con	15/						
Halliburton2003 Wash BAY Sludge	7-2300	11:55	26147	501	/	1		1		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 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

Form C-138 Revised March 17, 1999

> Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

	VA P
1. RCRA Exempt:  ☐ Non-Exempt: ☐	A Generator: Conoco Phillips
Verbal Approval Received: Yes No 🔀	5. Originating Site: Sibyl Federal #1
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) "C" Sec 32, T27N, R11W, San Juan County	Project #96052-083
9. Circle One:	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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 claapproved</li> </ul>	necessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transporters	port.
BRIEF DESCRIPTION OF MATERIAL:	
Tank bottoms and fresh water tank wash fluids from a produced water fibe in order to be taken out of service and disposed of.	erglass pit tank that needed to be cleaned out
CWS attached.	
Estimated Volume <u>~7bbls</u> cy Known Volume (to be entered by the operator at the end	d of the haul)cy
SIGNATURE Management Facility Authorized Agent  TITLE: Landfarm Man	ager DATE: February 17, 2004
TYPE OR PRINT NAME: <u>Landrea Jackson</u> TELEPHONE NO: <u>(505)</u> 632-0615	÷
(This space for State Use)	

Lect TITLE: Envirol King

ے: :DATE

TITLE:

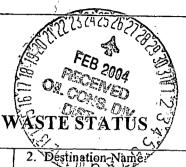


### **BILL RICHARDSON**

Governor **Joanna Prukop** 

1. Generator Name and Address

Joanna Prukop
Cabinet Secretary



Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE	OF	WASIL	STAT	US
		V.C.		(

	ConocoPhillips Company 5525 Highway 64	Envirotech Inc. Soil Rem Landfarm #2	ediation Facility
	Farmington, NM 87401	Hilltop, New Mexico	
3.	Originating Site (name):	Location of the Waste (Street address	s &/or ULSTR):
	Sibyl Federal #1	Unit C, Sec. 32, T27N,	
	APT # 30-145-06195	790' FNL & 1540' FWL	
atta	RPT # 30-045-06195  ach list of originating sites as appropriate	San Juan County, N	- Takico
4.	Source and Description of Waste	Good a sadual al	fiberglass
001	Source and Description of Waste XTANK bottoms & tank wash fluids act needed to be cleaned in or	troiri a produced was	or pit tarik
41	The record is the contract in the	out of taken out o	it service &
	isposed of		
· L			· Ames
	MANGO A Alexa		
?	Print Name	representative for:	ereg.
			•
	ConocoPhillips Company	do hereby certify that, acco	rding to the Resource
onservation	and Recovery Act (RCRA) and Environmental Protection te is: (Check appropriate classification)	n Agency's July, 1988, regulatory deter	mination, the above
escribed was	te is. (Check appropriate classification)		•
<u></u> EXEMP	T oilfield wasteNON-EXEM analysis or	PT oilfield waste which is non-hazardo by product identification	ous by characteristic
d that nothin	ng has been added to the exempt or non-exempt non -ha	zardous waste defined above.	
M R(	EMPT waste the following documentation is attached (character SDS InformationOther CRA Hazardous Waste Analysis train of Custody	neck appropriate items): er (description	a tank to the same
	n compliance with Regulated Levels of Naturally Occupart 1403.C and D.	urring Radioactive Material (NORM	) pursuant to 20
me (Origina	al Signature): MMCQD (L)M	· · · · · · · · · · · · · · · · · · ·	
1e: <u>#SE</u>	= E Regulatory Technician 59	79-34,58	
te:	2-17-04		,

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 (1) Control Energy Minerals and Natural Resources

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

Form C-138 Revised March 17, 1999

DATE: ゔース

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

	TOOLIG
	6 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	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) "D" Sec 26, T30N, R04W, Rio Arriba County	Project #03022-003
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 no material is not-hazardous and the Generator's certification of origin. No waste cla approved	ecessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transp	port.
BRIEF DESCRIPTION OF MATERIAL:	
Produced water, sand, and coal fines produced during the cleaning of storagrepairs. All materials in the tanks have been downhole.	ge tanks to perform internal inspection and
CWS attached.	
Estimated Volume <u>~45bbls</u> cy Known Volume (to be entered by the operator at the en	nd of the haul)cy
SIGNATURE Jandola Racility Authorized Agent  TITLE: Landfarm Management Facility Authorized Agent	ager DATE: February 19, 2004
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615	· · · · · · · · · · · · · · · · · · ·
(This space for State Use)	



## BILL RICHARDSON

Governor Joanna Prukop Cabinet Secretary



Lori Wrotenbery Director Oil Conservation Division

CER	TIFICATE OF W	ASIA OS
1. Generator Name and Address Energen Resources C 2198 Bloomfield F Farmington, NM	Highway	2. Destination Name: Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): ERC Carson #1 SWD Produced water storage tank batter attach list of originating sites as approximated and Description of Waster Produced water, sand, and coal finand repairs. All materials in the tand	ery copriate te nes produced during the	eation of the Waste (Street address &/or ULSTR): etter "D" section 26, T3ON, R4W Rio Arriba County  cleaning of storage tanks to perform internal inspection le.
J. Larry M. Brooks		representative for :
Print Name		
Encrgen Resources Corpora Conservation and Recovery Act (RCRA) and described waste is: (Check appropriate classi	<b>Environmental Protection</b>	do hereby certify that, according to the Resource Agency's July, 1988, regulatory determination, the above
X EXEMPT oilfield waste		T oilfield waste which is non-hazardous by characteristic roduct identification

Con des χ and that nothing has been added to the exempt or non-exempt non -hazardous waste defined above. For NON-EXEMPT wasto 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: Production Foreman Phone Number: 505-326-6131 Date: 2/19/2004

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 24

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-138 Revised March 17, 1999

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REQUEST FOR APPROVAL TO ACCEPT	TSOLID WASTE
1. RCRA Exempt: ☐ Non-Exempt: ☐	4. Generator Conoco Phillips
Verbal Approval Received: Yes No No	5. Originating Site: Redfern #4
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Scat/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) "I" Sec 16, T28N, R11W, Rio Arriba	Project #96052-084
9. Circle One:	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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 clapproved</li> </ul>	ecessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for trans	port.
BRIEF DESCRIPTION OF MATERIAL:	
Tank bottoms and fresh water tank wash fluids from cleaning out a produce operations. Material will also include soil stained with produced water fiberglass pit was in. The fiberglass pit was removed for a larger, new staurface and earthen pit for the steel pit to sit in, stained soil was discovered or drilling pit.	c/condensate/oil from an earthen pit that a eel pit tank to be installed. In preparing the
CWS for tank bottoms and CWS for soil attached.	
Estimated Volume $\sim 15 \text{bbls/} 50 \text{cy}$ Known Volume (to be entered by the operator at the	e end of the haul)cy
SIGNATURE Sanche Rough Authorized Agent  Waste Management Facility Authorized Agent  TITLE: Landfarm Man	ager DATE: February 20, 2004
ГУРЕ OR PRINT NAME: <u>Landrea Jackson</u> TELEPHONE NO: <u>(505) 632-0615</u>	
(This space for State Use)	
APPROVED BY: Ferry Faut TITLE: Favoro/	Engy DATE 2/27/04
ADDROVED RV: A ADDROVED RV: A COL	1918 + DATE 3-2 -4



## **BILL RICHARDSON**

Governor Joanna Prukop Cabinet Secretary



Lori Wrotenbery Director Oil Conservation Division

	1.7	40 N &		
CEDTIFIC A TEL				7 T T T 14
CERTIFICATE		<b>&gt;</b> I H.*	<b>Λ</b>	
	OT LEVEL TO		$\mathcal{J}$	、エスレル

	1. Generator Name and Address	2/ Destination: Name:
	ConocoPhillips Company	Envirotech Inc. Soil Remediation Facility
	5525 Hwy. 64	Landfarm #2
	Farmington, NM 87401	Hilltop, New Mexico
		·
	3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
	Redfern #4	Unit I, Section 16, T28N, R11W
		1580' FSL & 1010' FEL
	API #30-045-07441	Rio Arriba County, New Mexico
	attach list of originating sites as appropriate	
	4. Source and Description of Waste	
	15 BBL tank bottoms and tank wash from	m cleaning out produced water pit tank in order to have
	proper operations.	
-	Manias D. Olass	
l,	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
describ	ed waste is: (Check appropriate classification)	
37 -	VIDAGOR 115 11	TENEZED WEDDO NO. 10. 11. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
_ <u>X_</u> E		N-EXEMPT oilfield waste which is non-hazardous by characteristic ysis or by product identification
		•
and that	nothing has been added to the exempt or non-exempt	non –hazardous waste defined above.
For <b>NO</b>	N-EXEMPT waste the following documentation is at	
	MSDS Information RCRA Hazardous Waste Analysis	Other (description
	Chain of Custody	
	Chan of Cablody	
This wa	aste is in compliance with Regulated Levels of Natu	rally Occurring Radioactive Material (NORM) pursuant to 20
	3.1 subpart 1403.C and D.	, ,,1
	Margia ( ) Osa	
Name (	Original Signature): MMULW. (USEV	
	HCE & Damleton Tacheiric	•
Title:	HSE & Regulatory Technician	<del></del> ·
Phone 1	Number: 505-599-3458	
. ALVING I		
Date:	February 18, 2004	





### **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 Hwy. 64	Landfarm #2
Farmington, NM 87401	Hilltop, New Mexico
	cation of the Waste (Street address &/or ULSTR):
	nit I, Section 16, T28N, R11W
15	580' FSL & 1010' FEL
	io Arriba County, New Mexico
attach list of originating sites as appropriate	
4. Source and Description of Waste	
	densate/oil from an earthen pit in which a fiberglass
pit was in. The fiberglass pit was removed for a	<del>-</del>
preparing the surface and earthen pit for the steel from a "legacy" spill or drilling pit.	pit to sit in, stained soil was discovered, probably
I, Monica D. Olson	
Print Name	representative for :
ConocoPhillips 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
	T oilfield waste which is non-hazardous by characteristic roduct identification
and that nothing has been added to the exempt or non-exempt non -hazar	rdous waste defined above.
For NON-EXEMPT waste the following documentation is attached (che	ack anniopriate items):
	er (description
RCRA Hazardous Waste Analysis	- (west-16-10-11
Chain of Custody	
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): Minile D. Olden	
Fitle: HSE & Regulatory Technician	
Phone Number: 505-599-3458	
Date: February 20, 2004	

\* District \* 1625 N. French Dr., Hobbs, NM 88240 District !! 1301 W. Grand Avenue, Artesia, NM 88210 District !!! 1000 Rio Brazos Road, Aztec, NM 87410 District !V 1220 S. St. Francis Dr., Santa Fe, NM 87505

APPROVED BY:

## State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Revised March 17, 1999

Submit Original

DATE: 5

Submit Original Plus 1 Copy to Appropriate District Office

Form C-138

## REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: Non-Exempt: No No No Non-Exempt: No No No Non-Exempt: No No No Non-Exempt: No	
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2  3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401  7. Location of Material (Street Address or ULSTR) "M" Sec 25, T28N, R7W, Rio Arriba  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.	
Landfarm #2  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" Sec 25, T28N, R7W, Rio Arriba  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.	18
7. Location of Material (Street Address or ULSTR) "M" Sec 25, T28N, R7W, Rio Arriba  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.	
<ul> <li>Rio Arriba</li> <li>9. Circle One: <ul> <li>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.</li> <li>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</li> <li>All transporters must certify the wastes delivered are only those consigned for transport.</li> </ul> </li> </ul>	
<ul> <li>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.</li> <li>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</li> <li>All transporters must certify the wastes delivered are only those consigned for transport.</li> </ul>	
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.	
	,
DDIEE DESCRIPTION OF MATERIAL.	
DRIEF DESCRIFTION OF MATERIAL.	
Tank bottoms and fresh wash water from cleaning out produced water pit tank in order to replace the pit tank.  CWS attached.	
OF COLORS	
Estimated Volume ~10bbls 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: February 20, 2004	
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615	
(This space for State Use)  APPROVED BY: Deny Least TITLE: Enviro/Eng. DATE: 2/27/0	) <i>C</i>



## **BILL RICHARDSON**

Governor Joanna Prukop Cabinet Secretary



Lori Wrotenbery Director Oil Conservation Division

1. Generator Name and Address	Destination Name:
ConocoPhillips Company	Envirotech Inc. Soil Remediation Facility
5525 Hwy. 64	Landfarm #2
Farmington, NM 87401	Hilltop, New Mexico
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
San Juan 28-7 Unit #18	Unit M, Section 25, T28N, R7W 990' FSL & 990' FWL
API # 30-039-07289	Rio Arriba County, New Mexico
attach list of originating sites as appropriate	• • • • • • • • • • • • • • • • • • • •
4. Source and Description of Waste	
Tank bottoms and tank wash from cl with a new tank.	eaning out produced water pit tank in order to replace pit tank
I, Monica D. Olson Print Name	representative for :
ConocoPhillips Company	do hereby certify that, according to the Resource
Conservation and Recovery Act (RCRA) and Environment described waste is: (Check appropriate classification)	ntal Protection Agency's July,1988, regulatory determination, the above
described waste is. (Cheek appropriate classification)	
	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-exe	mpt non –hazardous waste defined above.
For NON-EXEMPT waste the following documentation  MSDS Information  RCRA Hazardous Waste Analysis  Chain of Custody	is attached (check appropriate items):Other (description
This waste is in compliance with Regulated Levels of N NMAC 3.1 subpart 1403.C and D.	Naturally Occurring Radioactive Material (NORM) pursuant to 20
Name (Original Signature):	Non :
Title: HSE & Regulatory Technician	· 
Phone Number: 505-599-3458	
Date: February 20, 2004	

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

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 8750

Form C-138 Revised March 17, 1999

> Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT, SOLID WASTE

	14/ 11/ 6 X LX
1. RCRA Exempt: Non-Exempt:	4. Generator: Conoco Phillips
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: San Juan 28-7 #91
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) "B" Sec 34, T28N, R7W, Rio Arriba	Project #96052-085
9. Circle One:	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied be one certificate per job.</li> <li>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</li> </ul>	necessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for trans	sport.
BRIEF DESCRIPTION OF MATERIAL:	
Tank bottoms and fresh wash water from cleaning out a produced wate tank.	r pit tank in order to perform repairs to the
CWS attached.	
e w 5 attached.	
	•
Estimated Volume ~20bbls cy Known Volume (to be entered by the operator at the	end of the haul)cy
SIGNATURE Management Facility Authorized Agent  TITLE: Landfarm Mar	nager DATE: February 20, 2004
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615	<u>5</u>
(This space for State Use)	
APPROVED BY: Centy Frent TITLE: Envior	/Engy DATE: 2/27/04
1 Hall / 1	1 1 1 1 1



## **BILL RICHARDSON**

Governor
Joanna Prukop
Cabinet Secretary



Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

	1. Generator Name and Address	12 tDestination Name:
	ConocoPhillips Company	Envirotech Inc. Soil Remediation Facility
	5525 Hwy. 64	Landfarm #2
	Farmington, NM 87401	Hilltop, New Mexico
	3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
	San Juan 28-7 Unit #91	Unit B, Section 34, T28N, R7W
		836' FNL & 1544' FEL
	API # 30-039-07270	Rio Arriba County, New Mexico
	attach list of originating sites as appropriate	<b>,</b>
	4. Source and Description of Waste	
	Tank bottoms and tank wash from	n cleaning out produced water pit tank in order to perform repairs to
	the tank.	
r	Monica D. Olson	representative for :
L,	Print Name	representative for .
		de housely soutified as a soution 4 (1) D
Concer	ConocoPhillips Company	do hereby certify that, according to the Resource mental Protection Agency's July,1988, regulatory determination, the above
	bed waste is: (Check appropriate classification)	
	Transfer to the second	
<u>X</u> I	EXEMPT oilfield waste	NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification
and tha	at nothing has been added to the exempt or non-	exempt non –hazardous waste defined above.
For <b>N</b> (	ON-EXEMPT waste the following documentati  MSDS Information RCRA Hazardous Waste Analysis Chain of Custody	ion is attached (check appropriate items):Other (description
	vaste is in compliance with Regulated Levels of C 3.1 subpart 1403.C and D.	of Naturally Occurring Radioactive Material (NORM) pursuant to 20
Name	(Original Signature): MMice C	). Oson
Title:_	HSE & Regulatory Technician	
Phone	Number: 505-599-3458	
Date:_	February 20, 2004	

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.

Form C-138 Revised March 17, 1999 Submit Original Plus I Copy

to Appropriate District Office

Santa Fe, NM 87505 REQUEST FOR APPROVAL TO AC

REQUEST FOR ALTROVAL TO ACCE.	A SOLID WASTE	
1. RCRA Exempt:  ☐ Non-Exempt: ☐	4. Generator: Conoco Phillips	
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: San Juan 28-7 #52	
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) "H" Sec 27, T28N, R7W, Rio Arriba	Project #96052-087	
9. <u>Circle One</u> :		
<ul> <li>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.</li> <li>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</li> </ul>		
All transporters must certify the wastes delivered are only those consigned for transp	oort.	
BRIEF DESCRIPTION OF MATERIAL:		
Tank bottoms and fresh wash water from cleaning out produced water pit ta	ank in order to repair the pit tank.	
CWS attached.		
Estimated Volume ~10bbls cy Known Volume (to be entered by the operator at the en	nd of the haul)cy	
SIGNATURE And Record Record Agent TITLE: Landfarm Management Facility Authorized Agent	ager DATE: February 20, 2004	
TYPE OR PRINT NAME: <u>Landrea Jackson</u> TELEPHONE NO: <u>(505)</u> 632-0615		

(This space for State Use) APPROVED BY TITLE: APPROVED BY:



## **BILL RICHARDSON**

Governor Joanna Prukop Cabinet Secretary



Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF

	4/11/2019
1. Generator Name and Address	2. Destination Name:
ConocoPhillips Company	Envirotech Inc. Soil Remediation Facility
5525 Hwy. 64	Landfarm #2
Farmington, NM 87401	Hilltop, New Mexico
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
San Juan 28-7 Unit #52	Unit H, Section 27, T28N, R7W
	1840' FNL & 990' FEL
API # 30-039-07315	Rio Arriba County, New Mexico
attach list of originating sites as appropriate	••
4. Source and Description of Waste	
Tank bottoms and tank wash from clean	ing out produced water pit tank in order to repair pit tank.
	Grant Control of the

I, Monica D. Olson Print Name	representative for :
ConocoPhillips Company Conservation and Recovery Act (RCRA) and Environm described waste is: (Check appropriate classification)	do hereby certify that, according to the Resource tental Protection Agency's July, 1988, regulatory determination, the above
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-ex	kempt nonhazardous waste defined above.
For NON-EXEMPT waste the following documentation  MSDS Information  RCRA Hazardous Waste Analysis  Chain of Custody	n is attached (check appropriate items):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): MM(Co D	Oyo .
Title: HSE & Regulatory Technician	······································
Phone Number: 505-599-3458	
Date: February 20, 2004	

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

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 Élm Ridge Resources	
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: CBU Water 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) "E" Sec 5, T25N, R12W, San Juan County	Project #03056-005	
<ul> <li>9. Circle One: <ul> <li>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.</li> <li>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</li> </ul> </li> </ul>		
All transporters must certify the wastes delivered are only those consigned for transp	port.	
BRIEF DESCRIPTION OF MATERIAL:		
Produced water tank bottoms and fresh wash water being cleaned out for produced water tank bottoms.	roper operations.	
CWS attached.		
Estimated Volume cy Known Volume (to be entered by the operator at the en	d of the haul)cy	
SIGNATURE Jandruk R. 1865 TITLE: Landfarm Man: Waste Management Facility Authorized Agent	ager DATE: February 19, 2004	
TYPE OR PRINT NAME: <u>Landrea Jackson</u> TELEPHONE NO: (505) 632-0615		
(This space for State Use)  APPROVED BY: Depty From TITLE: Francisco	Eng - DATE: 2/27/04	

## **BILL RICHARDSON**

Governor Joanna Prukop Cabinet Secretary



Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

Clm Ridge Ro. Box 189	Envirotech Inc. Soil Remediation Facility  Landfarm #2  Hilltop, New Mexico	
FAMINGTON W.M.  3. Originating Site (name):  Lo	ocation of the Waste (Street address &/or ULSTR):	
attach list of originating sites as appropriate	E" Sec5, Ta5n, RIDW, Parmr. San Juan County 2125/0412	
4. Source and Description of Waste  Produced water tank botton being Cleaned out for printing Borrows	ns and fresh wash water roper operations. Per inc. tumphing	
n, MACK Humphney Print Name	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)    Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)    Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)		
and that nothing has been added to the exempt or non-exempt non -haza	ardous waste defined above.	
RCRA Hazardous Waste Analysis Chain of Custody	er (description	
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)		
Title: Trem		
Phone Number: 505- 330- 9401 Office 505 63.	2 3476.	
Date: 2-19-04		

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

3

<u>District I</u> 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

State of New Mexico Energy Minerals and Natural Resource

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



DATE

Form C-138 Revised March 17, 1999

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEN	SOLID WASTE	
1. RCRA Exempt: Non-Exempt:	4. Cenerator 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, Sec 20, T16N, R20W, San Juan County	Project #92102-012 010	
9. Circle One:		
<ul> <li>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.</li> <li>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</li> </ul>		
All transporters must certify the wastes delivered are only those consigned for trans	port.	
BRIEF DESCRIPTION OF MATERIAL:		
Spent Sulfatreat material. Gray gravel-like material containing iron pyrite.		
CWS attached.  Re-Submittal – Material was previously approved on 2/2/04 but was not re	eceived during calendar month.	
Estimated Volume _7_cy Known Volume (to be entered by the operator at the end of	of the haul)cy	
SIGNATURE Jandla R. W. St. TITLE: Landfarm Man Waste Management Facility Authorized Agent  TITLE: Landfarm Man	ager DATE: March 1, 2004	
TYPE OR PRINT NAME: <u>Landrea Jackson</u> TELEPHONE NO: <u>(505)</u> 632-0615		
(This space for State Use)  APPROVED BY: Leny Fear TITLE: Environment	Engy DATE: 3/3/04	



**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:
	Robert L. Bayless Producer LLC	Envirotech Inc. Soil Remediation Facility
	PO Box 168	Landfarm #2
	Farmington, NM 87401	·-· · ·
		Hilltop, New Mexico
	3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
	Tocito Dome Tank Battery: NE/4, Section 20, T16N, R2	OW, San Juan County, NM
		15/15/15/15/15/15/15/15/15/15/15/15/15/1
	attach list of originating sites as appropriate	18 18 30 00 1 × 33 7
	4. Source and Description of Waste	(50° M) 3 3'3
	7 CY spent Sulfatreat material. Gray gravel-like material	containing iron pyrite.
T.	McCall	Charles and State
,10	om McCarthyPrint Name	representative for 2/9/51 N Sept
nd E		ecording to the Resource Conservation and Recovery Act (RCRA) ermination, the above described waste is: (Check appropriate
XX_		<b>EMPT</b> oilfield waste which is non-hazardous by characteristic or by product identification
nd th	at nothing has been added to the exempt or non-exempt non	-hazardous waste defined above.
	ON-EXEMPT waste the following documentation is attach  MSDS Information  RCRA Hazardous Waste Analysis  Chain of Custody	
or N	ON-EXEMPT waste the following documentation is attach  MSDS Information  RCRA Hazardous Waste Analysis  Chain of Custody	ed (check appropriate items):
or No	ON-EXEMPT waste the following documentation is attach  MSDS Information  RCRA Hazardous Waste Analysis  Chain of Custody  waste is in compliance with Regulated Levels of Natural	ed (check appropriate items): Other (description
his v	ON-EXEMPT waste the following documentation is attach  MSDS Information  RCRA Hazardous Waste Analysis  Chain of Custody  waste is in compliance with Regulated Levels of Naturally C 3.1 subpart 1403.C and D.	ed (check appropriate items): Other (description
This v	ON-EXEMPT waste the following documentation is attach  MSDS Information  RCRA Hazardous Waste Analysis  Chain of Custody  waste is in compliance with Regulated Levels of Naturally C 3.1 subpart 1403.C and D.	ed (check appropriate items): Other (description

• 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

Revised March 17, 1999 Submit Original Plus 1 Copy

DATE

to Appropriate District Office

Form C-138

## REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

TEQUEST TOTAL TO MCCEL	T SOLID WASTE
1. RCRA Exempt: □	4. Generator: Patina San Juan, Inc.
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: Candado #1
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) "M" Sec 15, T26N, R7W, Rio Arriba County	Project #04010-002
9. Circle One:	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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 cla approved</li> </ul>	ecessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transp	port.
BRIEF DESCRIPTION OF MATERIAL:	
Emulsion and production contaminated water from separator wash out. Macoal fines, paraffin, rust, etc.	aterial is fresh water contaminated with
CWS attached.	MAR 2004 ST. S. C. S.
Estimated Volumecy Known Volume (to be entered by the operator at the en	nd of the haul) cy
SIGNATURE JULIA LA JULIA TITLE: Landfarm Mana Waste Management Rachity Authorized Agent	ager DATE: February 26, 2004
TYPE OR PRINT NAME: <u>Landrea Jackson</u> TELEPHONE NO: <u>(505)</u> 632-0615	
(This engine for State Elec)	



## Governor Joanna Prukon

Governor

Joanna Prukop

Cabinet Secretary

MAP 300 - 89

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTESTATUS

1 ( ) 1 1 1 1 1	2 A 11 01 01 11 53 B
<ol> <li>Generator Name and Address</li> </ol>	2. Destination Name:
Patina San Juan, Inc.	Envirotech Inc. Soil Remediation Facility
5802 US Hwy 64	Landfarm #2
Farmington, NM 87401	Hilltop, New Mexico
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
G131D 1 D 0 //1	"m" Sec15, T 26n, R7W May 104
CANDADO #1	"M DOOD, I am 15 100
RIO ARRIBA COUNTY	
attach list of originating sites as appropriate	
4. Source and Description of Waste.	1 l'a matanina la land la Al
Separator Residue - Emulsion & proc	luction will amanace plus was
Tank clean out at San Juan River Tank	duction contaminated fresh wash
	- <b>u</b>

	Separator Residue - Emulaion a production Contaminated frish wash.  Tank clean out at San Juan River Tank		
I,	RODNEY L. SEALE Print Name	representative for :	
	nmental Protection Agency's July,1988,	hat, according to the Resource Conservation and Recovery Act (RCRA) and regulatory determination, the above described waste is: (Check appropriate	
_X_E	XEMPT oilfield waste	NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification	
and tha	t nothing has been added to the exempt of	or non-exempt non –hazardous waste defined above.	
For NC	N-EXEMPT waste the following docur  MSDS Information  RCRA Hazardous Waste Analysis  Chain of Custody	mentation is attached (check appropriate items):Other (description	
	aste is in compliance with Regulated L 3.1 subpart 1403.C and D.	Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20	
Name (	Original Signature): <i>Rollnuj</i>	12. Seale	
Title:_	District mana	Ser	
Phone I	Number: 505-632-8	8056	
Date:_	2-26-04		

District I

1625 N. French Dr., Hobbs, NM 88240

Energy Minerals and Natural Resources

Not W. Grand Avenue, Artesia, NM 88210

MAR 12 2004

District III

Oil Conservation Division

Oil Conservation Division

District IV

Oil Conservation Division

Oil Conservation Division 1220 S. St. Francis Dr., Santa Fe, NM 87220 S. Saint Francis Dr. anta Fe, NM 87505

Form C-138 Revised March 17, 1999

Submit Original Plus 1 Copy to Appropriate District Office

Santa Pe, NM 87505 DECLIECT FOR ADDROVAL TO

REQUEST FOR APPROVAL TO ACCEP	I SOLID WASIE
RCRA Exempt:	4. Generator: El Paso Natural Gas Co.
Verbal Approval Received: Yes No 🖂	5. Originating Site: Goldsmith Pipeline District
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: Texas to Arizona to New Mexico
7. Location of Material (Street Address or ULSTR) 2 miles west of Goldsmith, TX, on State Route 302	Project # 12 B Ta
<ul> <li>9. Circle One: <ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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 ca approved</li> <li>All transporters must certify the wastes delivered are only those consigned for transporters provided in the contamination generated during pigging sludge with slight NORM contamination generated during pigging (material has been through refining). Material was generated in Goldsmith, Phoenix, Arizona, for disposal but did not meet Arizona NORM requirement New Mexico at Envirotech's facility.</li> </ul> </li> <li>CWS and analytical attached.</li> </ul>	eccessive themical analysis to PROVE the estified hazardous by listing or testing will be nort.
Estimated Volume 7bbls cy Known Volume (to be entered by the operator at the end	of the haul)cy
SIGNATURE Jundalla K. Autorized Agent TITLE: Landfarm Man.	
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615	o31564
APPROVED BY A LOCAL AND THE ARCHIVE	CARE STATE

District I , District II

1301 W. Grand Avenue, Artesia, NM 88210
District III

1301 District III

1301 W. Grand Avenue, Artesia, NM 88210 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 ACCEP	T SOLID WASTE	
1. RCRA Exempt: Non-Exempt:	4. Generator: El Paso Natural Gas Co.	
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: Goldsmith Pipeline District	
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: Texas to Arizona to New Mexico	
7. Location of Material (Street Address or ULSTR) 2 miles west of Goldsmith, TX, on State Route 302	Project # 17 13 14 15	
9. Circle One:	So Bank	
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 with slight NORM contamination generated during pigging of a natural gas transportation line (material has been through refining). Material was generated in Goldsmith, Texas, transported with waste shipment to Phoenix, Arizona, for disposal but did not meet Arizona NORM requirements. Now requesting approval to dispose in New Mexico at Envirotech's facility.		
CWS and analytical attached.		
Estimated Volume <u>7bbls</u> cy Known Volume (to be entered by the operator at the end	of the haul)cy	
SIGNATURE Jundul K. Julson TITLE: Landfarm Mana Waste Management Facility Authorized Agent	ager DATE: March 5, 2004	
TYPE OR PRINT NAME: <u>Landrea Jackson</u> TELEPHONE NO: <u>(505)</u> 632-0615		

(This space for State Use) APPROVED BY DATE APPROVED BY TITLE: DATE - Feb. 2. 2004:10:26AMV , ROTECH

;5034N0.9240 P. 4/121 3/ 4



## NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prusop

Cabinot Secretory



Lord Wrotenbery
Director
Oil Conservation Division

## CERTIFICATE OF WASTE STATUS

	A C C CONTRACTOR
1. Generator Name and Address	2. Destination Name:
2 PASO MATHERE CAS COMPERY	Envirotech Inc. Soil Remediation Facility
1550 WIND WAY DRING	Landfarm #2
DUESSA, TY 79761	1 The Francisco Control of the Contr
Dreast, 17 (110)	Hilltop, New Mexico
3. Originating Site (name):	Location of the Wasto (Street address &/or ULSTR).
GOIDSMIN POPERIN DISTRICT	I maild was it said the The
Gin a santa y yy	2 miles wast of fordsmill, TX
	CM JUNE 1550 A 205
attach list of originating sites as appropriate	
4. Source and Description of Waste	
14. Source and Description of Waster Pipeline all Matural gas transportation	a BIRG
1 loval and by mileting	Mina Han hear through
latural you transportation	Will. Nac Deen trologic
I white a	·
l vagirury.	
Q12-75- 11 G: 600)	
RUBERT Al. ST: Jo MV Print Name	representative for:
Print Name	
Conservation and Recovery Act (RCRA) and Environmental Protection	do hereby certify that according to the Resource
Connervation and Recovery Act (RCRA) and Environmental Protection	Agency's July 1988, regulatory determination the above
described waste is: (Check appropriate classification)	and any or joint appropriate and analysis and analysis
	,
EXEMPT oilfield waste	PT villield 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 NON-EXEMPT waste the following documentation is attached (cl	
	er (description
RCRA Hazardous Waste Analysis	
Chain of Custody	
This waste is in compliance with Regulated Levels of Naturalty Occ	cyrring Radioactive Material (NORM) pursuant to 20
NMAC 3.1 subpart 1403.C and D.	
	0
Name (Oxiginal Signature):	
TIRLE: YRINCIPAZ ENV. Scientst	1 Milling
2/22-1817	4010 148 100 x
Phone Number: 437-686.3268	fotudios;
Date: Forwary 3, 2004	
Oil Conservation Division * 1000 Rio F	Brazos Road * Aztec, Now Mexico 87410
Phone: (505) 334-6178 * Fux (505) 336	

09/08/03

## El Paso Natural Gas Gold Smith TX

- Sample 47169 3 DM Non Haz Sludge, Line 1105
- Sample 47170 1 DM Haz Sludge (methenol)
   Ignitability(<140f)</li>
- Sample 47171 1 DM Haz Sludge (methenol) Ignitability(<140f)
- Sample 47172 1DM Non Haz Sludge, Line 3173
- Sample 47173 -2 DM (Regulated NORM >150pci/g)Line 3173
- ( Sample 47174 4 DM Non Haz Sludge, Line 3116)
- Sample 47175 4 DM Haz Sludge (Mucury, Benzene) Line 1600
- Sample 47176 2 DM Haz Sludge (benzene) Line 1600
- Sample 45027-2 DM Haz Sludge (Benzene) Line3082
- Sample 47481 4DM Non Haz, Line 2000
- Sample 47223 1DM Non Haz, Line3114
- Sample 47224 1DM Haz Sludge, (Benzene) Line3114
- Sample 45207 –1DM Haz? Sludge, Dirt Line 3082
- 1DM pigging disk
- 4 DM Empty (crush)
- Sample 45026-350 bl. Pigging sludge, Haz (Benzene) frac tank, Line 3082



## Memorandum

Sample	Sample	Matrix	Sample	Analysis	Results
Number	Date		Description		
47169	7-10-2003	Sludge	Line 1105	Ignitability	Non hazardous
			sludge	Corrosivity	Non hazardous
	,	t		Reactivity	Non hazardous
#				TCLP Metals	Non hazardous
7				Volatiles	Non hazardous
				PCBs	Non hazardous
		ì		NORM	Non hazardous 4 14
47170	7-10-2003	Sludge	Unknown drum	Ignitability	Hazardous (<140 F)
.,,,,				Corrosivity	Non hazardous
		1		Reactivity	Non hazardous
10				TCLP Metals	Non hazardous
XX		}		Volatiles	Non hazardous
-x ·				PCBs	Non hazardous
		1		NORM	Non hazardous
47171	7-10-2003	Sludge	Unknown drum	Ignitability	Hazardous (<140 F)
				Corrosivity	Non hazardous
, /			Í	Reactivity	Non hazardous
15	,			TCLP Metals	Non hazardous
1				Volatiles	Non hazardous
				PCBs	Non hazardous
				NORM	Non hazardous
47172	7-10-2003	Sludge	Line 3173 liquid	Ignitability	Non hazardous
2.7/			,_	Corrosivity	Non hazardous
,				Reactivity	Non hazardous
JU				TCLP Metals	Non hazardous
# 1				Volatiles	Non hazardous
	}	<b>'</b>		PCBs	Non hazardous
				NORM	Non hazardous
47173	7-10-2003	Sludge	Line 3173 Line	Ignitability	Non hazardous
	ļ		sludge	Corrosivity	Non hazardous
	}			Reactivity	Non hazardous
11/5				TCLP Metals	Non hazardous
			1	Volatiles	Non hazardous
<b>/</b>				PCBs	Non hazardous
				NORM	Regulated (>150 pci/g)

68/26/2003 10E 20:40 KAA

elpaso

Memorandum

Sample	Sample	Matrix	Sample	Analysis	Results
Number	Date		Description		
47174	7-10-2003	Sludge	Line 3116 line	Ignitability	Non hazardous
,			sludge	Corrosivity	Non hazardous
				Reactivity	Non hazardous
X D				TCLP Metals	Non hazardous
77				Volatiles	Non hazardous
/\'				PCBs	Non hazardous
	, h		·	NORM	Non hazardous > 40.3
47175	7-10-2003	Sludge	Line 1600	Ignitability	Non hazardous
	•		sludge	Corrosivity	Non hazardous
				Reactivity	Non hazardous
X			·	TCLP Metals	Hazardous (Hg>0.2 mg/l)
$\mathcal{X}^{(l)}$		١٠.		Volatiles	Hazardous (Benzene >0,5
/(			•		mg/l)
				PCBs	Non hazardous
				NORM	Non hazardous
47176	7-10-2003	Sludge	Line 1600 liquid	Ignitability	Non hazardous
,			•	Corrosivity "	Non hazardous
V4				Reactivity	Non hazardous
$\chi \chi V$				TCLP Metals	Non hazardous
X\		}		Volatiles	Hazardous (Benzene >0.5
					mg/1)
		1		PCBs	Non hazardous
		}		NORM	Non hazardous



## LABORATORY SERVICE REPORT

REQUESTOR

McFarden, Donnie

Odessa, TX

REPORT DATE:

8/2/2003

REQUEST NO APPROVED BY: 2003070844

Dantell Campbell

DISTRIBUTION:

Si John, Robert: Whitney, Mark, Carrason, Tom, Vega, Eddie

PERFORMED BY:

Accinest

Request Description;

Wasto Drums at Goldsmith

Date Received:

7/11/2003

Date Completed

8/1/2003

Sample No:

Lab ID:

47169 Sampled By: Darrell Campbell

Sample Date: 7/10/2003 8:30:00 AM

Desertpues:

Analysie:

WI TCLI & NORM And (Sold) Disposal/Environmental Concerns

Puronsc: Matrix: Location

Sludge

EPNG - Midland - Odeska - Goldsmith - 0+0 - Goldsmith Drum Storage - 1105 Line Sludge

Sample Date: 7/10/2003 8:40:00 AM

Sample No:

Lab (D:

Description: Analysis:

WP TCLP & NORM Anal (Oil)

Disposal/Environmental Concerns

Sampled By:

Sampled By:

Pumase: Matrix.

Sludge

Location

EPNG - Midland - Odessa - Goldsmith - Dt O - Goldsmith Drum Storage - Unknown Drum

Darrell Campbell

Darrell Campbell

Sample Dute:

7/10/2003 8:50:00 AM

Sample No:

Lab ID. Description:

Anniyais:

WP TCLP & NORM Anal (Oi))

Purpose

Disposal/Environmental Concerns

Marine

Sludge

EPNG - Midland - Odessa - Goldsmith - 0+0 - Goldsmith Drum Storage - Unknown Drum Location:

Darrell Campbell

Sample Date: 7/10/2003 9:00:00 AM

Sample No:

Lab ID: Description:

47172

Sampled By:

Analyzia

WP TCLP & NORM And (Oil) Disposal/Environmental Concerns

Parnose: Matrix: Location:

Sludga

EPNG - Midland - Odeska Goldsmith - 010 - Goldsmith Drum Storage - 3173 Line Liquid

Sample No:

Sampled By: Lab ID: 47173

Darrell Campbell

Sample Date: 7/10/2003 9:10:00 AM

ORIGINAL

Description.

WP TCLP & NORM Anal (Solid)

Analyzis: Pulposo: Marria:

Disposal/Environmental Concerns Sludge

EPNO - Midland - Odessa - Goldsmith - 0+0 - Goldsmith Orum Stomgo - 3173 Line Studge

Sample No:

Locullon: Lub IDr

Sampled By:

Darrell Campbell

Sample Date: 7/10/2003 9:20:00-AM

Descriptions Analysis:

WY TCLY & NORM Anal (Solid)

Purpase:

Lucation

Disposal/Environmental Concerns

WILLIX!

EPNG - Midland - Odossa - Goldsmith - O+0 - Goldsmith Drum Storage - 3116 Line Studge

This report has been prepared for the private and exclusive use of El Paso Conpuration and its affiliates and its dolivery to any other person is upon the expressed understanding and condition that no representations or represenders, expressed or implied, are vontained herein with respect to any of the information set forth in the report. If the purpose of this sample for a "External Corrosion", "Internal Corrosion", and/or "Pigging Sweepless, the Interpretation of this report is the responsibility of Pipeline Services. Field Operations will only be contacted by Pipeline Services if the regular require any action to be taken.

No.9353 P. 8/12

Sample No; 7

IAD ID:

47175 Samplest By:

Danell Campbell

Darrell Campball

Sample Date: 7/10/2003 9:30:00 AM

Sample Date: 7/10/2003 9:40:00 AM

Description:

Analysis:

WP TCLP & NORM And (Solid)

Purpuso:

DisposaVEnvironmental Concerns

Mainx: Sh

Sludge

Location: EPNO

EPNG - Midland - Odessa - Goldsmith - Or 0 - Goldsmith Drum Storage 1600 Line Sludge

Sample No: 8 Lab ID:

Lab ID: 47176 Sampled By; Description:

WPTCLP & NORM Anal (Oil)

Disposal/Environmental Concerns

Purposo: Matrix:

Analysis:

Studen

Locarion:

EPNG - Midland - Odesza - Goldsmith - 0+0 - Goldsmith Drum Storage - 1600 Line Liquid

Data: See outsubed sheet(s).

Comments

Request: 2003070844					
					· .
Sample.			<b>✓</b>		
		1	2	<b>£</b>	1
ICLP Characteristics		•			
lembille					
Ignirability		>210	2510		
			>210	>210	(150)
Correstric				•	
Flq	" SU	6.40	6.20	8.30	6.80
Donatistu.					0.60
<u>Reactivity</u> Cyanido(Reactive)	100				•
Sulfida(Reportive)	mg/Ku	< 0.4	< 0,4	< 0.5	< 0.4
	mg/Kg	< 9.0	< 9.0	< 9.0	× 8.0
TCLP Metals		r			
Amenic	mg/l	0.12	46.16		
Barluh	mg/l	0.54	< 0.10 0,28	< 0.10	1.5
Codmium	mg/i	< 0.040	< 0.040	0.25	3. <b>2</b>
Chromium	mg/l	≪ 0.20	< 0.20	< 0.040	< 0.040
Lead	mg/l	< 0.10	< 0.10	<0.20 <0.10	0.29
Mercury	mg/l	0.049	0,061	0.044	50:10 O
Selenium	mg/I	< 0.10	< 0.10	< 0.10	2.6
Sliver	Ngar	< 0.090	< 0.050	< 0.050	≈ 0.10 ≈ 0.050
TCLP 8260		•			. 0.030
1,1-Dichlorreibeno	· · · · · · · · · · · · · · · · · ·		•	•	
1,2-Dichlorouthanc	Ngm	< 0.25	< 0.050	< 0.050	< 3.0
1.4 Dialitary bearing	Ing/t /	< 0.25	< 0.050	< 0.050	<b>&lt; 5.0</b>
Верхелс	l\gni Nym	< 0.050	< 0.050	< 0.050	< 0.20
2-Витаполе	Ngm	0,0728	< 0.050	< 0.050	2.16 7.16
Carbon Tetrachloride	ng/l	< 0,50 < 0.25	< 0.10	< 0,10	< 10.0
Chlorobenzene	mg/l	< 0.25	< 0.050	< 0.050	< 3.0
Chloroform	nig/l	< 0.25	< 0.050	< 0.050	< 5.0
Tetrachlorouthene	`mg/i	< 0.25	< 0.050 < 0.050	< 0.050	< 5.0
Trichlorocthono	mg/l	< 0.25	< 0.050	< 0.050	<.5.0
Vinyl Chierida	mg∕1	< 0.25	< 0.050	<0.050 <0.050	< 5;0
•			- 0.050	~D.030	< \$.0
ICLE 8270					•
1,4-Dichlorobenzene	n\g/l	< 0.050	< 0.050	< 0.050	< 0.20
2,4,5-Trichlorophenol	Ngm	< 0.050	₹ 0,050	<0.050	< 0.20
2,4,6- Trichlorophenol 2,4- Dunitrosoluene	meA	< 0.050	< 0.050	~0.050	< 0.20
2-Methlyphenol	mgl	< 0.050	< 0.050	< 0.050	<0.20
3 & 4-Mahlyphanol, Total	mu/l	< 0.050	< 0.050	< 0.050	< 0.20
Hexachlorobonzene	mg/l	< 0.050	< 0.050	<0.050	< 0.20
Hexachlorobutadiene	mg/l	< 0.050	< 0.050	< 0.050	< 0.20
Hexachlorochana	nig/i	< 0.050	< 0.050	< 0.050	< 0,20
Ninobenzone	mev!	<b>€0.050</b>	< 0.050	< 0.050	< 0.20
Pennehlorophenol	ng/l	< 0.050	< 0.050	< 0.050	<b>&lt; 0.2</b> 0
Pyridine	mg/i	< 0.25	r 0,25	<-0.25	. <1.0
	(5.)	< 0.050	< 0.050	< 0.030	< 0.20
PCB Analysis		•			
Arocler 1016	mg/Kg	< 0.180	< 0.180	< 0.400	ч
Aructor 1221	mg/Kg	< 0.1 NO	< 0.1 %0	< 0.190 < 0.190	<b>&lt; 0.</b> }70
				~ a' (30	£0,170

1.74

Namulc: Aroclor 1231 Aroclor 1242 Aroclor 1248 Aroclor 1254

Acorlor 1260

NORM Analysis Losd-210 Losd-RPU

mg/Kg mg/Kg mg/Kg mg/Kg	4 <0.180 <0.180 <0.180	.5 < 0.180 < 0.180 < 0.180	€ < 0.190 < 0.190	Z <0.170	
	0.180 0.4 6	<0.180 <0.180 694.2 2.9 84.2	<0.190 <0.190 <0.190 <0.190	<0.170 <0.170 <0.170 <0.170 <0.170	
				,	
SAmple	ouns #	total And	From Sample.	46	

Request: 2003070844

_					
Sample:		2	3	4	<u>R</u>
TCLP Characteristics					
to a tria		~~		•	•
Ignuability "	<b>₩</b> }-	(	( )	136	
Flanh Point	٦,	<b>(120)</b>	95	190	>210
Concentrative			Marie .	,	
Correctivity pH	รบ	6.0	(12.6)	11.0	6.6
lar.	30	В. (/	(112.0)	V. (1	0.0
Reactivity					,
Cyanido(Reactive)	mg/Kg	< 0.4	< 0.4	< 0.4	<0.4
Sulfide(Reactive)	ing/Kg	< 8,0	< B.O	<b>4: 8.0</b>	< B_0
TCL Mensis					
Aramie	mg/i	< 0.10	< 0.10	< 0.10	< 0.10
Barlun	mg/l	< 0.10	<b>≈ 0.10</b>	₹0.10	0.16
Cadmium	inth)	< 0.040	< 0.040	< 0,040	<0.040
Cinomium	றதி	< 0.20	< 0.20	< 0.20	<0.20
Lend	mp/l	< 0.10	< 0.10	< 0.,10	< 0.10
Mercitry	ing/)	< 0,0040	< 0,0040	0.01	< 0.0040
Selephun	mg/l	< 0.10	< 0.10	< 0.10	< 0.10
Silver	mg/l	< 0.050	< 0050_	< 0.050	< 0.050
TCL1: 8760					·
1,1-Dichloroethene	mg/l	< 0.050	< 2.5	< 0.25	< 0.3
1,2 Dichloroethmo	mg/l	< 0.050	¢ 2.5	< 0.25	< 0.ݢ
1,4-Dichlorobenzene	ing/l	< 0.050	< 2.5	< 0.25	< 0.3
Benzene	. 1u5/l	< 0,050	< 2.5	< 0.25	0.627 .627
2-Butanone	mg/l	< 0.10	< 5.0	< 0.50	<١
Carbon Totrachloride	mg/l	< 0.050	₹ 2.5	< 0.25	< 0.25
Chlorobanzane	mg/l	< 0.050	< 2.5	< 0.25	< 0.25
Chloroform	mg/l	<b>₹ 0.</b> 050	< 2.5	< 0,25	< 0.25
Telrachlorochicae	wa√)	< 0.050	< 2.5	< 0.25	< 0.3
Triablorochicae	mg/i	< 0.050	< 2.5	< 0.25	< 0.3
Vinyl Chloride	mg/l	< 0.050	< 2.5 .	< 0.25	< 0,25
TCS D GOTO					
TCLP 8270 1,4- Dichlomberizenc	mpA	< 490	< 0.50	< 50	< 49
2,4,5- Trichlorophenol	mg/l	< 490	< 0.50	< 50	< 49
2,4,6- Trichlarophonal	mg/l	< 490	<.0.50	< 20	< 49
2.4- Dinigrotolueno	mg/l	< 490	< 0.50	<50 .	< 49
2-Methylphenol	mg/l	< 490	< 0.50	< 50	<b>&lt;49</b>
3 & 4-Methylphonol, total	тgЛ	< 490	< 0.50	< 50	<49
Hexachlorobenzene	mg/l	<b>490</b>	< 0.50	< 50	<.49
Mexachlorobyradione	mg∩	< 490	< 0.50	< 50	< 49
Hexachloroctiane	mg/l	<del>-</del> 490	< 0.50	< 50	<49
Nitrobenzeat	mម/i	< 490	< 0.50	< 50	< 49
Pentschlorophenol	mg/l	< 2400	<b>&lt;</b> 2.5	< 250	< 240
Pyridine	· mg/l	< 490	< 0.50	< 50	< 49
			•		
PCR AUNITALS					
Aroclar 1016	ωቬ <b>ሊ</b> የቪ	< 0.500	< 0.500	< 5.000	<\$.0
Aroclos 1221	my ke	< U.500	< 0.500	< 5.000	< 5,0

Request: 2003070844

Sample		1	2	4	
Areolar 1232	mg/Kg		_	4	Ħ
Atoolog 1242	` ' '	< 0.500	< 0.500	<b>4 5.000</b>	< 5.0
Acoclor-1248	HOKE	< 0.500	<0,500°	< 5.000	< 5.0
Araclar 1254	mg/Kg	< 0,500	< 0.500	< 5.000	~: 5.0
Aroclor 1250	myKg	< 0.500	< 0.500	< 5.000	< 5.0
ALGORITZOU	meke	< 0.500	< 0.500	× 5.000	< 5.0
NORM Analysis			ı		
Load-210	oCi/e	< 5.0	C D		
Lead-RPU	%	• •	< 5.0	< 5.0ೄ	< 5.0
_ ,	7.	NΛ	$\mu_{V}$	NΛ	NΛ

## Report of Analysis

Page 1 of 1

Client Sample ID: 1

Lab Sample ID:

T4827-1

Matrix:

SO - Solid

Method:

SW846 8270C SW846 1311

Date Sampled: 07/10/03

Date Received: 07/14/03

Percent Solids: 93,1

Project: 2003070844

File ID Run #1

DF 1

Analyzed 07/21/03

Prep Date 07/19/03

Prep Batch

Analytical Batch

A05001.D

By SC

OP2315

**EA523** 

Run #2

Final Volume

Initial Volume 100 ml

1.0 ml

Run #1 Run #2

## ABN TCLP Leachate

CAS No.	Compound	Result	HW#	MCL	RL	Units	Q
95-48-7	2-Methylphenol	ND	D023	200	0.050	mg/l	
	3&4-Methylphenol	ND	D024	200	0.050	mg/l	
87-86-5	Pentachlorophenol	ND	D037	100	0.25	mg/l	
95-95-4	2,4.5-Trichlorophenol	ND	D041	400	0.050	mg/l	
88-06-2	2,4,6-Trichlorophenol	ND	D042	2.0	0.050	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	D027	7.5	0.050	mg/l	
121-14-2	2,4-Dinitrotoluene	ND	D030	0.13	0.050	mg/l	
118-74-1	Hexachlorobenzene	ND	D032	0.13	0.050	mg/1	
87-68-3	Hexachlorobutadiene	ND	D033	0.50	0.050	mg/l	
67-72-1	Hexachloroethane	ND	D034	3.0	0.050	mg/l	
98-95-3	Nitrobenzene	ND	D036	2.0	0.050	mg/l	
110-86-1	Pyridine	ND	D038	5.0	0.050	mg/l	
CAS No.	Surrogate Recoveries	Run# I	Run#	2	Limits		
367-12-4	2-Fluorophenol	45%			10-91%		
4165-62-2	Phenol-d5	35%			10-94%		
118-79-6	2,4,6-Tribromophenol	70%			27-125%		
4165-60-0	Nitrobenzene-d5	74%			34-111%		
321-60-8	2-Fluorobiphenyl	75%			32-108%		
1718-51-0	Terphenyl-d14	90%			43-121%		

ND = Not detected

MCL = Maximum Contamination Level (40 CFR 261 6/96)

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

Page 1 of 1

Lab Sam Matrix: Method: Project:	SO SW	27-1 Solid 346 8082 3070844	SW846 3550B			led: 07/10/03 ved: 07/14/03 ids: 93.1	
Run #1 Run #2	File ID GG14425.D	DF 10	Analyzed 07/30/03	By GP	Prep Date 07/18/03	Prep Batch OP2309	Analytical Batch GGG429
Dan #1	Initial Welg	nt Fina	al Volume				

i		Initial Weight	Final Volume
	Run #1	30.0 g	10.0 ml
	Run #2		

## **PCB** List

CAS No.	Compound	Result	RL	Units Q
12674-11-2	Aroclor 1016	ND	180	ug/kg
11104-28-2	Aroclor 1221	ND	180	ug/kg
11141-16-5	Aroclor 1232	ND	180	ug/kg
53469-21-9	Aroclor 1242	ND	180	ug/kg
12672-29-6	Aroclor 1248	ND	180	ug/kg
11097-69-1	Aroclor 1254	ND	180	ug/kg
11096-82-5	Aroclor 1260	ND	180	ug/kg
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	80%		34-138%
2051-24-3	Decachlorobiphenyl	34%		27-140%

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

Page 1 of 1

Client Sample ID: 1

Lab Sample ID: T4827-1

Matrix:

SO - Solid

Date Sampled: 07/10/03

Date Received: 07/14/03

Project:

2003070844

Percent Solids: 93.1

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	0.12	D004	5.0	0.10	mg/l	10	07/23/03	07/26/03 JA	SW846 6010B	SW846 3010A
Barium	0.54	D005	100	0.10	mg/l	10	07/23/03	07/26/03 JA	SW846 6010B	SW846 3010A
Cadmium	< 0.040	D006	1.0	0.040	mg/l	10	07/23/03	07/26/03 JA	SW846 6010B	SW846 3010A
Chromium a	< 0.20	D007	5-0	0.20	mg/l	10	07/23/03	07/26/03 JA	SW846 6010B	SW846 3010A
Lead	< 0.10	D008	5.0	0.10	mg/l	10	07/23/03	07/26/03 JA	SW846 6010B	SW846 3010A
Мегсцгу <sup>а</sup>	0.049	D009	0.20	0.0040	mg/l	1	07/24/03	07/26/03 CB	SW846 7470A	SW846 7470A
Selenium	< 0.10	D010	1.0	0.10	mg/l	10	07/23/03	07/26/03 JA	SW846 6010B	SW846 3010A
Silver	< 0.050	D011	5.0	0.050	mg/l	10	07/23/03	07/26/03 JA	SW846 6010B	SW846 3010A

<sup>(</sup>a) Elevated reporting limit due to difficult sample matrix.

## Report of Analysis

Page 1 of 1

Client Sample ID: 1

Lab Sample ID: Matrix:

T4827-1

SO - Solid

Date Sampled: 07/10/03
Date Received: 07/14/03

Percent Solids: 93.1

Project:

2003070844

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	Ву	Method
Corrosivity as pH Cyanide Reactivity Ignitability (Flashpoint) Solids, Percent Sulfide Reactivity	6.4 < 0.40 > 210 93.1 < 9.0	0.40 9.0	mg/kg Deg. F % mg/kg	1 40 1 1 40	07/24/03 12:00 07/23/03 09:00 07/28/03 15:20 07/17/03 07/23/03 13:20	LN LC LC	SW846 CHAP7 SW846 CHAP7 SW846 1010 EPA 160.3 M SW846 CHAP7

## Report of Analysis

Page 1 of 1

Client Sample ID: 6

Lab Sample ID:

T4827-6

Matrix:

SO - Solid

Method: Project: SW846 8260B

2003070844

Date Sampled: 07/10/03

Date Received: 07/14/03

Percent Solids: 87.1

File ID DF Analyzed By Prep Date Prep Batch Analytical Batch
Run #1 B106048.D 10 07/26/03 BC 07/28/03 OP2364 VB517

Run #2

Purge Volume

Run #1 5.0 ml

Run #2

## VOA TCLP Leachate

CAS No.	Compound	Result	HW#	MCL	RL	Units	Q
71-43-2	Benzene	ND	D018	0.50	0.050	mg/l	
108-90-7	Chlorobenzene	ND	D021	100	0.050	mg/l	
67-66-3	Chloroform	ND	D022	6.0	0.050	mg/l	
56-23-5	Carbon tetrachloride	ND	D019	0.50	0.050	mg/l	
75-35-4	1,1-Dichloroethylene	ND	D029	0.70	0.050	mg/l	
107-06~2	1,2-Dichloroethane	ND	D028	0.50	0.050	mg/l	
78-93-3	Methyl ethyl ketone	ND	D035	200	0.10	mg/l	
127-18-4	Tetrachloroethylene	ND	D039	0.70	0.050	mg/l	
79~01-6	Trichloroethylene	ND	D040	0.50	0.050	mg/l	
75-01-4	Vinyl chloride	ND	D043	0.20	0.050	mg/l	
CAS No.	Surrogate Recoveries	Run# 1	Run#	2	Limits		
1868-53-7	Dibromofluoromethane	105%			88-114%		
2037-26-5	Toluene-D8	102%			88-110%		
460-00-4	4-Bromofluorobenzene	91%			88-115%		
17060-07-0	1,2-Dichloroethane-D4	111%			81-122%		

ND = Not detected

MCL = Maximum Contamination Level (40 CFR 261 6/96)

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

Page 1 of 1

Client Sample ID: 6 Lab Sample ID:

Matrix:

T4827-6

SO - Solid SW846 8270C SW846 1311 Date Sampled: 07/10/03 Date Received: 07/14/03

Method: Project:

2003070844

Percent Solids: 87.1

File ID DF Analyzed Вy Prep Date Prep Batch Analytical Batch 07/21/03 Run #1 A04993.D SC 07/19/03 1 OP2315 EA523

Run #2

Initial Volume Final Volume

100 ml

Run #1

Run #2

1.0 ml

## ABN TCLP Leachate

CAS No.	Compound	Result	HW#	MCL	. RL	Units	Q
95-48-7	2-Methylphenol	ND	D023	200	0.050	mg/l	
	3&4-Methylphenol	ND	D024	200	0.050	mg/l	
87-86-5	Pentachlorophenol	ND	D037	100	0.25	mg/l	
95-95-4	2,4,5-Trichlorophenol	ND	D041	400	0.050	mg/l	
88~06-2	2,4,6-Trichlorophenol	ND	D042	2.0	0.050	mg/1	
106-46-7	1,4-Dichlorobenzene	ND	D027	7.5	0.050	mg/l	
121-14-2	2,4-Dinitrotoluene	ND	D030	0.13	0.050	mg/l	
118-74-1	Hexachlorobenzene	ND	D032	0.13	0.050	mg/i	
87-68~3	Hexachlorobutadiene	ND	D033	0.50	0.050	mg/l	
67-72-1	Hexachloroethane	ND	D034	3.0	0.050	mg/l	
98-95-3	Nitrobenzene	ND	D036	0.5	0.050	mg/l	
110-86-1	Pyridine	ND	D038	5.0	0.050	mg/1	
CAS No.	Surrogate Recoveries	Run# 1	Run#	2	Limits		
367-12-4	2-Fluorophenol	41%			10-91%		
4165-62-2	Phenol-d5	33%			10-94%		
118-79-6	2,4,6-Tribromophenol	81%			27-125%		
4165-60-0	Nitrobenzene-d5	75%			34-111%		
321-60-8	2-Fluorobiphenyl	68%			32-108%		
1718-51-0	Terphenyl-d14	83%			43-121%		

ND = Not detected

MCL = Maximum Contamination Level (40 CFR 261 6/96)

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

#### Report of Analysis

Page 1 of 1

Client Sam Lab Sampl Matrix: Method: Project:		olid 8082 :	SW846 3550B		Date S Date F Percer	Receiv	red: 07/14/03	
Run #1 ª Run #2	File ID GG14463.D	DF 10	Analyzed 07/31/03	By GP	Prep D 07/18/0		Prep Batch OP2309	Analytical Batch GGG430
Run #1 Run #2	Initial Weight 30.0 g	Final 10.0 n	Volume nl					
PCB List								
CAS No.	Compound	3	Result	RL	Units	Q	1	
12674-11-2 11104-28-2 11141-16-5	Aroclor 1221		ND ND ND	190 190 190	ug/kg ug/kg ug/kg			

190

190

190

ug/kg

ug/kg

ug/kg

11096-82-5	Aroclor 1260	ND	190	ug/kg
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8 2051-24-3	Tetrachloro-m-xylene Decachlorobiphenyl	72% 1479% <sup>b</sup>		34-138% 27-140%

ND

ND

ND

53469-21-9 Aroclor 1242

12672-29-6 Aroclor 1248

11097-69-1 Aroclor 1254

<sup>(</sup>a) Dilution needed due to high level of sulfur present in the sample. Sample was sulfur cleaned numerous times.

<sup>(</sup>b) Outside control limits due to dilution.

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

#### Report of Analysis

Page 1 of 1

Client Sample ID: 6

Lab Sample ID: Matrix:

T4827-6

Date Sampled: 07/10/03

SO - Solid

Date Received: 07/14/03

Percent Solids: 87.1

Project:

2003070844

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	RL	Units	DF	Ргер	Analyzed By	Method	Prep Method
Arsenic	< 0.10	D004	5.0	0.10	mg/l	10	07/23/03	07/26/03 JA	SW846 6010B	SW846 3010A
Barium	0.25	D005	100	0.10	mg/l	10	07/23/03	07/26/03 JA	SW846 6010B	SW846 3010A
Cadmium	< 0.040	D006	1.0	0.040	mg/l	10	07/23/03	07/26/03 JA	SW846 6010B	SW846 3010A
Chromium a	< 0.20	D007	5.0	0.20	mg/l	10	07/23/03	<b>07</b> /26/03 JA	SW846 6010B	SW846 3010A
Lead	< 0.10	D008	5.0	0.10	mg/I	10	07/23/03	07/26/03 JA	SW846 6010B	SW846 3010A
Mercury a	0.044	D009	0.20	0.0040	•	1	07/24/03	07/26/03 СВ	SW846 7470A	SW846 7470A
Selenium	< 0.10	D010	1.0	0.10	mg/l	10	07/23/03	07/26/03 JA	SW846 6010B	SW846 3010A
Silver	< 0.050	D011	5.0	0.050	mg/l	10	07/23/03	07/26/03 JA	SW845 6010B	SW846 3010A

<sup>(</sup>a) Elevated reporting limit due to difficult sample matrix.

#### Report of Analysis

Page 1 of 1

Client Sample ID: 6

Lab Sample ID: Matrix:

T4827-6 SO - Solid Date Sampled: 07/10/03

Date Received: 07/14/03 Percent Solids: 87.1

Project:

2003070844

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	Ву	Method
Corrosivity as pH Cyanide Reactivity Ignitability (Flashpoint) Solids, Percent Sulfide Reactivity	8.3 <0.50 >210 87.1 <9.0	0.50 9.0	mg/kg Deg. F % mg/kg	1 40 1 1 40	07/24/03 12:00 07/23/03 09:00 07/28/03 15:20 07/17/03 07/23/03 13:20	LN	SW846 CHAP7 SW846 CHAP7 SW846 1010 EPA 160.3 M SW846 CHAP7

GC/MS Volatiles

QC Data Summaries

#### Includes the following where applicable:

- Method Blank Summaries
- Blank Spike SummariesMatrix Spike and Duplicate Summaries

Blank Spike Summary Job Number: T4827

Account:

EPASTXEP El Paso Corporation - El Paso, TX

Project:

2003070844

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP2364-BS	B106045.D	10	07/26/03	BC	07/28/03	OP2364	VB517

The QC reported here applies to the following samples:

Method: SW846 8260B

T4827-5, T4827-6, T4827-7

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Веплеле ,	250	215	86	77-128
108~90-7	Chlorobenzene	250	227	91	77-120
67-66-3	Chloroform	250	224	90	77-122
56-23-5	Carbon tetrachloride	250	241	96	73-135
75-35-4	1.1-Dichloroethylene	250	262	105	70-134
107-06-2	1,2-Dichloroethane	250	243	97	71-117
78-93-3	Methyl ethyl ketone	1250	1070	86	63-128
127-18-4	Tetrachloroethylene	250	228	91	69-134
79-01-6	Trichloroethylene	250	242	97	75-128
75-01-4	Vinyl chloride	250	258	103	72-139
CAS No.	Surrogate Recoveries	BSP	Lir	vits	
1868-53-7	Dibromofluoromethane	98%	88-	114%	
17060-07-0	1,2-Dichloroethane-D4	105%	81-	122%	
2037-26-5	Toluene-D8	100%	88-	110%	
460-00-4	4-Bromofluorobenzene	99%	88-	115%	

Blank Spike Summary

Job Number: T4827

Account: EPASTXEP El Paso Corporation - El Paso, TX

Project:

2003070844

Sample File ID DF Analyzed By Prep Date Prep Batch Analytical Batch VB519-BS B106064.D 1 07/27/03 BC n/a n/a VB519

The QC reported here applies to the following samples:

Method: SW846 8260B

T4827-1

CAS No.	Compound	Spike ug/J	BSP ug/l	BSP %	Limits
71-43-2	Benzene ,	25	21.4	86	77-128
108-90-7	Chlorobenzene	25	23.0	92	77-120
67-66-3	Chloroform	25	21.2	85	77-122
56-23-5	Carbon tetrachloride	25	20.0	80	73-135
75-35-4	1.1-Dichloroethylene	25	25.1	100	70-134
107-06-2	1,2-Dichloroethane	25	21.8	87	71-117
78-93~3	Methyl ethyl ketone	125	94.5	76	63-128
127-18-4	Tetrachloroethylene	25	23.7	95	69-134
79-01-6	Trichloroethylene	25	23.6	94	75~128
75-01-4	Vinyl chloride	25	26.5	106	<b>7</b> 2-1 <b>3</b> 9
CAS No.	Surrogate Recoveries	BSP	Lit	nits	
1868-53-7	Dibromofluoromethane	96%	88-	114%	
17060-07-0	1,2-Dichloroethane-D4	107%	81-	122%	
2037-26-5	Toluene-D8	101%	88-	110%	
460-00-4	4-Bromofluorobenzene	99%	88-	115%	

Leachate Blank Summary

Job Number: T4827

EPASTXEP El Paso Corporation - El Paso, TX

Account: Project:

2003070844

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OPZ364-MB <sup>a</sup>	B106046.D	10	07/26/03	BC	07/28/03	OP2364	VB517
<u></u>							

The QC reported here applies to the following samples:

Method: SW846 8260B

T4827-1, T4827-5, T4827-6, T4827-7

CAS No.	Compound	Result	RL	Units Q
71-43-2	Benzene	ND	50	ug/l
108-90-7	Chlorobenzene	ND	50	ug/l
67~66-3	Chloroform	ND	50	ug/l
56-23-5	Carbon tetrachloride	ND	50	ug/l
75-35-4	1,1-Dichloroethylene	ND	50	ug/l
107-06-2	1,2-Dichloroethane	ND	50	ug/l
78-93-3	Methyl ethyl ketone	ND	100	ug/l
127-18-4	Tetrachloroethylene	ND	50	ug/l
79-01-6	Trichloroethylene	ND	50	ug/l
75-01-4	Vinyl chloride	ND	50	ug/l
CAS No.	Surrogate Recoveries	·	Limits	
1868-53- <b>7</b>	Dibromofluoromethane	105%	88-114	%
17060-07-0	1,2-Dichloroethane-D4	109%	81-122	%
2037-26~5	Toluene-D8	100%	88-110°	%
460-00-4	4-Bromofluorobenzene	98%	88-1159	%

<sup>(</sup>a) Shared QC with batch VB522.

Method Blank Summary

Job Number: T4827

Account: EPASTXEP El Paso Corporation - El Paso, TX

Project:

2003070844

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB519-MB	B106065,D	1	07/27/03	BC	n/a	n/a	VB519

The QC reported here applies to the following samples:

Method: SW846 8260B

T4827-1

CAS No.	Compound	Result	RL	Units Q
71-43-2	Benzene	ND	5.0	ug/l
108-90-7	Chlorobenzene	ND	5.0	ug/l
67-66-3	Chloroform	ND	5.0	ug/l
56-23-5	Carbon tetrachloride	ND	5.0	ug/l
75-35-4	1.1-Dichloroethylene	ND	5.0	ug/l
107-06-2	1,2-Dichloroethane	ND	5.0	ug/l
78-93-3	Methyl ethyl ketone	ND	10	ug/l
127-18-4	Tetrachloroethylene	ND	5.0	ug/l
79-01-6	Trichloroethylene	ND	5_0	ug/l
75-01-4	Vinyl chloride	ND	5.0	ug/1
CAS No.	Surrogate Recoveries		Lìmits	
1868-53-7	Dibromofluoromethane	98%	88-114	%
17060-07-0	1,2-Dichloroethane-D4	107%	81-122	%
2037-26-5	Toluene-D8	99%	88-110	%
460-00-4	4-Bromofluorobenzene	98%	88-115	%

Matrix Spike Summary Job Number: T4827

Account:

EPASTXEP El Paso Corporation - El Paso, TX

Project:

2003070844

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T4827-1MS <sup>a</sup>	B106081.D	500	07/27/03	BC	n/a	n/a	VB519
T4827-1	B106079.D	50	07/27/03	BC	07/28/03	OP2364	VB519

The QC reported here applies to the following samples:

Method: SW846 8260B

T4827-1

CAS No.	Compound	T4827-1 ug/1	Q	Spike ug/l	MS ug/l	MS %	Limits
71-43-2 108-90-7	Benzene Chlorobenzene	72.8 ND	J	12500 12500	10100 11300	80* 90	82-124 85-112
67-66-3	Chloroform	ND		12500	11000	88	83-118
56-23-5	Carbon tetrachloride	ND		12500	9560	76*	78-136
75-35-4 107-06-2	1,1-Dichloroethylene 1,2-Dichloroethane	ND ND		12500 12500	11500 11100	92 89	72-136 74-118
78-93-3	Methyl ethyl ketone	ND		62500	48400	77	58-127
127-18-4	Tetrachloroethylene	ND		12500	10900	87	80-127
79-01-6	Trichloroethylene	ND		12500	10400	83	81-124
75-01-4	Vinyl chloride	ND		12500	11700	94	72-140
CAS No.	Surrogate Recoveries	MS		T4827-1	Lim	alts	
1868-53-7	Dibromofluoromethane	103%		105%	88-1	114%	
17060-07-0	1,2-Dichloroethane-D4	105%		105%		l <b>Z</b> Z%	
2037-26-5	Toluene-D8	99%		100%		110%	
460-00-4	4-Bromofluorobenzene	97%		99%	88-1	115%	

<sup>(</sup>a) TCLP MSD was not analyzed due to instrument failure. Batch MS/MSD for water samples were analyzed.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T4827 Account:

EPASTXEP El Paso Corporation - El Paso, TX

Project: 2003070844

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T4827-5MS	B106060.D	10	07/26/03	BC	n/a	n/a	VB517
T4827-5MSD	B106061.D	10	07/26/03	BC	n/a	n/a	VB517
T4827-5	B106047.D	10	07/26/03	BC	07/28/03	OP2364	VB517

The QC reported here applies to the following samples:

Method: SW846 8260B

T4827-5, T4827-6, T4827-7

CAS No.	Compound	T4827-5 ug/l Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene ,	ND	250	211	84	211	84	0	82~124/10
108-90-7	Chlorobenzene	ND	250	226	90	240	96	6	85-112/10
67-66-3	Chloroform	ND	250	237	95	243	97	3	83-118/11
56-23-5	Carbon tetrachloride	ND	250	197	79	214	86	8	78-136/12
75-35-4	1,1-Dichloroethylene	ND	250	253	101	284	114	12	72-136/12
107-06-2	1,2-Dichloroethane	ND	250	243	97	253	101	4	74-118/11
78-93-3	Methyl ethyl ketone	ND	1250	971	78	980	78	î	58-127/15
127-18-4	Tetrachloroethylene	ND	250	243	97	<b>Z</b> 36	94	3	80-127/11
79-01-6	Trichloroethylene	ND	250	239	96	248	99	4	81-124/10
75-01-4	Vinyl chloride	ND	250	252	101	304	122	19*	72-140/18
CAS No.	Surrogate Recoveries	MS	MSD	<b>T</b> 4	827-5	Limits			
1868-53-7	Dibromofluoromethane	108%	112%	10)	1%	88-1149	6		
17060-0 <b>7</b> -0	1.2-Dichloroethane-D4	106%	110%	107	7%	81-1229	6	•	
2037-26-5	Toluene-D8	97%	92%	100	0%	88-1109	6		
460-00-4	4-Bromofluorobenzene	87%*	90%	989	%	88-1159	6		

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

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

<b>REQUEST</b>	FOR APPRO	VAL TO	ACCEPE	SOLID WAS	TE:
•			15~		

REQUEST FOR APPROVAL TO ACCEP	ŢĿSOĿĿŊŢŊASŢĿ,
1. RCRA Exempt:   Non-Exempt: □	4. Generator: Conoco Phillips
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: Sunnyside CPD
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: Colorado
7. Location of Material (Street Address or ULSTR) "E" Sec 9, T33N, R9W, La Plata County, Colorado	Project #96052-089
9. Circle One:	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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</li> </ul>	ecessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transp	port.
BRIEF DESCRIPTION OF MATERIAL:	
Gravel stained with slop oil (85% produced water, 15% compressor oil) foverflowed.	from a 3 gallon spill from the slop tank that
CWS attached.	
	•
Estimated Volume cy Known Volume (to be entered by the operator at the end of the	e haul) ·cy
SIGNATURE Waste Managerient Facility Authorized Agent  TITLE: Landfarm Managerient Facility Authorized Agent	ager DATE: March 24, 2004
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615	
(This space for State Use)	1590 DATE: 3)31/04

March 22, 2004



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

#### BILL RICHARDSON

Governor Joanna Prukop Cabinet Secretary



Lori Wrotenbery
Director
il Conservation Division

CERTIFICATE OF WASTE/STATUS

CERTIFICATE	OF WASIESJATUS		
	OF WASTESSIATUS		
Generator Name and Address	2. Destination Name:		
ConocoPhillips Company	Envirotech Inc. Soil Remediation Facility		
5525 Hwy. 64	Landfarm #2		
Farmington, NM 87401	Hilltop, New Mexico		
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):		
Sunnyside CPD Unit E, Section 9, T33N, R9W			
	La Plata County, Colorado		
	85% produced water, 15% compressor oil) from a 3 gallon ed on 2-2-04. Also gravel from a slop tank overflow that ed, so no soil was impacted.		
Monica D. Olson Print Name	representative for :		
Film Name			
ConocoPhillips Company	do hereby certify that, according to the Resource		
rvation and Recovery Act (RCRA) and Environmental Programmental	rotection Agency's July,1988, regulatory determination, the above		
hed waste is: (Check appropriate classification)			

Cons X EXEMPT oilfield waste NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification and that nothing has been added to the exempt or non-exempt non -hazardous waste defined above. For NON-EXEMPT waste the following documentation is attached (check appropriate items): MSDS Information 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. MMice () Name (Original Signature): HSE & Regulatory Technician 505-599-3458 Phone Number:\_\_\_\_



San Juan Operations 5525 Hwy 64 Farmington, NM 87401

### **FAX**

Date:

March 22, 2004

No. of pages including cover sheet: 2

To:

**Donna Stoner** 

Company:

**CDPHE** 

Location:

**Grand Junction, CO** 

Phone:

970-248-7168

Fax:

970-248-7198

From:

Monica D. Olson

Department: San Juan HSE

Phone:

505-599-3458

Fax:

505-599-3442

Remarks:

Urgent

X For your review

Reply ASAP

Please Comment

Ms. Stoner,

This is to inform you that we will be hauling stained gravel from our Sunnyside Compressor Station located in La Plata County, CO to Envirotech Landfarm near Farmington, NM. We will be hauling several cubic yards (~16) of gravel stained by fluids from a slop tank (produced water and used compressor oil) that overflowed due to our contract trucking company being late to location when the tank contents needed to be pulled. This spill occurred at this location on 2/2/04. 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 II

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 2 28 30 30 1220 South St. Francis Dr. Santa Fe, NM 87 505 MAR 2004

Form C-138 Revised March 17, 1999

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

REQUEST FOR ATTROVAL TO AGE CET	TOULID WASIE
1. RCRA Exempt:   Non-Exempt: □	4. Generator: Conoco Phillips
Verbal Approval Received: Yes No 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 #96052-037-002
9. Circle One:	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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</li> </ul>	ecessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transp	port.
BRIEF DESCRIPTION OF MATERIAL:	
Tank bottoms and fresh tank wash water from cleaning out a fiberglass protank with a steel pit tank.	duced water pit tank in order to replace the
CWS attached.	
Estimated Volume $\sim 20$ bbl cy Known Volume (to be entered by the operator at the 6	end of the haul)cy
SIGNATURE Waste Management Facility Authorized Agent  TITLE: Landfarm Management	ager DATE: March 30, 2004
TYPE OR PRINT NAME: Landrea Cupps TELEPHONE NO: (50	5) 632-0615
(This space for State Use)	
APPROVED BY: Deny togy TITLE: Env 10/1	Engr DATE: 3/31/04
APPROVED BY: A TITLE: G -C	1/10/21 DATE 3-21-09



### 96052-037-002 NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

#### **BILL RICHARDSON**

Governor Joanna Prukop Cabinet Secretary



Lori Wrotenbery Director Oil Conservation Division

CERTIFICATE OF

X EXEMPT oilfield wasteNON-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 InformationOther (descriptionOther (descriptionOther (description of CustodyOther (descriptionOther (description	ConocoPhillips Company 5525 Hwy. 64 Farmington, NM 87401  3. Originating Site (name): Scott #1  Location of the Waste (Street address &/or ULSTR Unit K, Section 2, T29N, R13W 2220' FSL & 1450' FWL API # 30-045-13094  Envirotech Inc. Soil Remediation For Landfarm #2 Location of the Waste (Street address &/or ULSTR Unit K, Section 2, T29N, R13W 2220' FSL & 1450' FWL San Juan County, New Mexico	acility
Soz5 Hwy. 64   Farmington, NM 87401   Landfarm #2   Hilltop, New Mexico	5525 Hwy. 64 Farmington, NM 87401  3. Originating Site (name): Scott #1  Location of the Waste (Street address &/or ULSTR Unit K, Section 2, T29N, R13W 2220' FSL & 1450' FWL API # 30-045-13094  Location of the Waste (Street address &/or ULSTR Unit K, Section 2, T29N, R13W 2220' FSL & 1450' FWL San Juan County, New Mexico	acility
Farmington, NM 87401  3. Originating Site (name): Scott #1  Location of the Waste (Street address &/or ULSTR): Unit K, Section 2, T29N, R13W 2220' FSL & 1450' FWL API # 30-045-13094 San Juan County, New Mexico  attach list of originating sites as appropriate  4. Source and Description of Waste Up to 20 BBL tank bottoms and tank wash from cleaning out a fiberglass produced water pit tank in order to replace tank with a steel pit tank.  Monica D. Olson Print Name 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.  PON-EXEMPT waste the following documentation is attached (check appropriate items): MSDS Information RCRA Hazardous Waste Analysis Chain of Custody  Phis 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): HSE & Regulatory Technician Phone Number: 505-599-3458	Farmington, NM 87401  3. Originating Site (name): Scott #1  Location of the Waste (Street address &/or ULSTR Unit K, Section 2, T29N, R13W 2220' FSL & 1450' FWL API # 30-045-13094  San Juan County, New Mexico	
3. Originating Site (name): Scott #1  Location of the Waste (Street address &/or ULSTR): Unit K, Section 2, T29N, R13W 2220' FSL & 1450' FWL San Juan County, New Mexico attach list of originating sites as appropriate  4. Source and Description of Waste Up to 20 BBL tank bottoms and tank wash from cleaning out a fiberglass produced water pit tank in order to replace tank with a steel pit tank.  Monica D. Olson representative for: Print Name ConocoPhillips Company do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)  X EXEMPT oilfield waste NoN-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.  For NON-EXEMPT waste the following documentation is attached (check appropriate items): MSDS Information 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): MMAC A DAO  Pritle: HSE & Regulatory Technician  Phone Number: 505-599-3458	3. Originating Site (name): Scott #1 Unit K, Section 2, T29N, R13W 2220' FSL & 1450' FWL API # 30-045-13094 San Juan County, New Mexico	
Scott #1  Unit K, Section 2, T29N, R13W 2220' FSL & 1450' FWL  API # 30-045-13094 attach list of originating sites as appropriate  4. Source and Description of Waste Up to 20 BBL tank bottoms and tank wash from cleaning out a fiberglass produced water pit tank in order to replace tank with a steel pit tank.  1. Monica D. Olson representative for:  Print Name ConocoPhillips Company do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)  X EXEMPT oilfield waste NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification  Ind 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):  HSE & Regulatory Technician  Phone Number: 505-599-3458	Scott #1 Unit K, Section 2, T29N, R13W 2220' FSL & 1450' FWL API # 30-045-13094 San Juan County, New Mexico	
API # 30-045-13094 attach list of originating sites as appropriate  4. Source and Description of Waste Up to 20 BBL tank bottoms and tank wash from cleaning out a fiberglass produced water pit tank in order to replace tank with a steel pit tank.  Monica D. Olson Print Name ConocoPhillips Company do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)  X EXEMPT oilfield waste  NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification and that nothing has been added to the exempt or non-exempt non—hazardous waste defined above.  For NON-EXEMPT waste the following documentation is attached (check appropriate items): MSDS Information RCRA Hazardous Waste Analysis Chain of Custody  Chis 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): MSE & Regulatory Technician Phone Number: 505-599-3458	2220' FSL & 1450' FWL API # 30-045-13094  San Juan County, New Mexico	):
2220' FSL & 1450' FWL San Juan County, New Mexico attach list of originating sites as appropriate  4. Source and Description of Waste Up to 20 BBL tank bottoms and tank wash from cleaning out a fiberglass produced water pit tank in order to replace tank with a steel pit tank.  Monica D. Olson representative for:  Print Name ConocoPhillips Company do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)  X EXEMPT oilfield waste  NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification and that nothing has been added to the exempt or non-exempt non -hazardous waste defined above.  For NON-EXEMPT waste the following documentation is attached (check appropriate items):  MSDS Information 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):  MSE & Regulatory Technician Phone Number:  505-599-3458	2220' FSL & 1450' FWL API # 30-045-13094  San Juan County, New Mexico	
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4. Source and Description of Waste Up to 20 BBL tank bottoms and tank wash from cleaning out a fiberglass produced water pit tank in order to replace tank with a steel pit tank.  Monica D. Olson representative for: Print Name ConocoPhillips Company do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)  X EXEMPT oilfield waste NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.  For NON-EXEMPT waste the following documentation is attached (check appropriate items): MSDS Information 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):  MSDE Regulatory Technician  Phone Number: 505-599-3458		
Up to 20 BBL tank bottoms and tank wash from cleaning out a fiberglass produced water pit tank in order to replace tank with a steel pit tank.    Monica D. Olson		
order to replace tank with a steel pit tank.    Monica D. Olson		pit tank in
Print Name  ConocoPhillips Company  do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)  X EXEMPT oilfield waste  NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification and that nothing has been added to the exempt or non-exempt non—hazardous waste defined above.  For NON-EXEMPT waste the following documentation is attached (check appropriate items):  MSDS Information  RCRA Hazardous Waste Analysis  Chain of Custody  Chain of Custody  Chain of Custody  NMAC 3.1 subpart 1403.C and D.  Name (Original Signature):  MSE & Regulatory Technician  Phone Number:  505-599-3458		1
Print Name  ConocoPhillips Company  do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)  X EXEMPT oilfield waste  NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification and that nothing has been added to the exempt or non-exempt non—hazardous waste defined above.  For NON-EXEMPT waste the following documentation is attached (check appropriate items):  MSDS Information  RCRA Hazardous Waste Analysis  Chain of Custody  Chain of Custody  Chain of Custody  NMAC 3.1 subpart 1403.C and D.  Name (Original Signature):  MSE & Regulatory Technician  Phone Number:  505-599-3458		
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)  X EXEMPT oilfield waste  NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification and that nothing has been added to the exempt or non-exempt non—hazardous waste defined above.  For NON-EXEMPT waste the following documentation is attached (check appropriate items):  MSDS Information  RCRA Hazardous Waste Analysis  Chain of Custody  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):  MSDS Regulatory Technician  Phone Number:  505-599-3458		
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	Print Name	
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	ConocoPhillips Company do hereby certify that, according to the	Resource
MON-EXEMPT oilfield waste   MON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification   Mon-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification   Indicate   Mon-EXEMPT waste the following documentation is attached (check appropriate items):    Mon-Exempt   M		
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 InformationOther (description RCRA Hazardous Waste AnalysisChain 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): HSE & Regulatory Technician  Phone Number:505-599-3458	described waste is: (Check appropriate classification)	
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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):		acteristic
For NON-EXEMPT waste the following documentation is attached (check appropriate items): MSDS InformationOther (descriptionRCRA Hazardous Waste AnalysisChain 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):	analysis or by product identification	
For NON-EXEMPT waste the following documentation is attached (check appropriate items): MSDS InformationOther (descriptionRCRA Hazardous Waste AnalysisChain 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):	and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.	
MSDS InformationOther (descriptionOther (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): Mac O Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.  Title: HSE & Regulatory Technician  Phone Number: 505-599-3458		
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): Mac O Olom  Title: HSE & Regulatory Technician  Phone Number: 505-599-3458	` ` '	
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): Mac O Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.  Title: HSE & Regulatory Technician  Phone Number: 505-599-3458	<del></del>	
Name (Original Signature): MMCL O Obon  Title: HSE & Regulatory Technician  Phone Number: 505-599-3458	Chain of Custody	
Name (Original Signature): MMCL O Obon  Title: HSE & Regulatory Technician  Phone Number: 505-599-3458	This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuan	t to 20
Phone Number: 505-599-3458	NMAC 3.1 subpart 1403.C and D.	
Phone Number: 505-599-3458		
Phone Number: 505-599-3458	Mmice O Apan	
Phone Number: 505-599-3458	Name (Original Signature): Morton D. Osori	
Phone Number: 505-599-3458		
Date: March 23, 2004	Phone Number: 505-599-3458	
	Date: March 23, 2004	

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

1301 W. Grand Avenue, Artesia, NM 88210

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

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 ACCES	gt SQLID, WASTE
1. RCRA Exempt: □ Non-Exempt: □	4. Generator: CDX/Rockies, LLC
Verbal Approval Received: Yes □ No ☒	5. Originating Site: Roadside 19 SF #1
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Dawn
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Sec 19, T19N, R5W, McKinley County	Project # 03040-003
<ul> <li>9. Circle One: <ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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</li> <li>All transporters must certify the wastes delivered are only those consigned for transporters must certify the wastes delivered are only those consigned for transporters water drilling mud (fluids with solids). All material has been downly cWS attached.</li> </ul> </li> <li>Estimated Volume 200bbl cy Known Volume (to be entered by the operator at the entered by the operator a</li></ul>	necessary chemical analysis to PROVE the assified hazardous by listing or testing will be port.  ole. Running out of room for material in pit.
Estimated Volume 200bbl cy Known Volume (to be entered by the operator at the en	nd of the haul)cy
SIGNATURE Management Facility Authorized Agent  TITLE: Landfarm Man Waste Management Facility Authorized Agent  TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615	Heldfor Title
(This space for State Use)  APPROVED BY: Deny James TITLE: Friend	Engy DATE: 3/31/04

p.1

03040-003



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON** 

Governor Joanna Prukop Cabinet Secretary MAR 2004

PROCENCED

OIL CONS. DIV.

Lori Wrotenbery

Director

OQil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address  CDX GAS  5485 BELTLINERA: #190	2. Destination Name: (\) Envirotech Inc-Soil Remediation Facility Landfarm #2					
DAUAS. TX. 75254	Hilltop, New Mexico					
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):					
ROADSIDE 19 SF #1- MCKIN	NLEY CO-, NM.					
attach list of originating sites as appropriate SEC	19-T19N-85W					
4. Source and Description of Waste	,					
DREWING MUD (FLUID W	v (SOLIOS)					
I material has been dow						
BRUCE BAYOUD	representative for :					
Print Name						
ODX Rockies	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					
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 -haz	ardous waste defined above.					
For NON-EXEMPT waste the following documentation is attached (check appropriate items): MSDS InformationOther (descriptionRCRA Hazardous Waste AnalysisChain 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):	Senior rilling Engineer					
Title: COMPANY MAN / THE	rilling Engineer					
Phone Number: 1/8/63	<del>-</del>					
Date: 170-640-3641						

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

MAR 200

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 ACČEP	T SÖLÏD WĄSTE
1. RCRA Exempt: □	4// Generator Conoco Phillips
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: Jicarilla 28 #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) "J" Sec 28, T25N, R4W, Rio Arriba County	Project #96052-091
9. Circle One:	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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 claapproved</li> </ul>	ecessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transp	port.
BRIEF DESCRIPTION OF MATERIAL:	
Soil stained with produced oily water from unexpected casing flow during	rig operations on a fishing job.
CWS attached.	
Estimated Volume ~3cy Known Volume (to be entered by the operator at the en	d of the haul)cy
SIGNATURE Waste Management Facility Authorized Agent  TITLE: Landfarm Management Facility Authorized Agent	ager DATE: March 30, 2004
TYPE OR PRINT NAME: Landrea Cupps TELEPHONE NO: (50	95) 632-061 <u>5</u>
(This space for State Use)	
APPROVED BY: Deny Pourt TITLE: Encrop.	Engr DATE: 3/31/04
APPROVED BY: A TITLE: G-OLD	lagist Date: 5-31-04



# 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

			(1010111111111111111111111111111111111
	Generator Name and Address		2. Destination Name:
	ConocoPhillips Company		Envirotech Inc. Soil Remediation Facility
	5525 Hwy. 64		Landfarm #2
	Farmington, NM 87401		Hilltop, New Mexico
	3. Originating Site (name):	Lo	cation of the Waste (Street address &/or ULSTR):
	Jicarilla 28 #1	it J, Section 28, T25N, R4W	
		80' FSL & 1980' FEL	
	API # 30-039-05813	Ri	o Arriba County, New Mexico
	attach list of originating sites as appropriate		• •
	4. Source and Description of Waste		
	Approximately 3 cy soil stained wi	th produced o	ily water from unexpected casing flow during rig
	operations on a fishing job.		
1	Monica D. Olson		representative for :
1,	Print Name		Tepresentative for .
	ConocoPhillips Company		do hereby certify that, according to the Resource
		nental Protection	Agency's July,1988, regulatory determination, the above
describe	ed waste is: (Check appropriate classification)		
X_E	XEMPT oilfield waste		T oilfield waste which is non-hazardous by characteristic product identification
and that	t nothing has been added to the exempt or non-e		
Eor NO	N-EXEMPT waste the following documentation	on is attached (ch	ack appropriate items):
roi NO	MSDS Information		er (description
	RCRA Hazardous Waste Analysis		. (400011,611011
	Chain of Custody		•
This we	octo is in compliance with Populated Levels of	f Naturally Occ	arring Radioactive Material (NORM) pursuant to 20
	3.1 subpart 1403.C and D.	Thaturany Occi	Tring Radioactive Material (NORM) pursuant to 20
Name (	Original Signature): MMCLE O Oban		
	HSE & Regulatory Technician		
Phone !	Number: 505-599-3458		
Date:	March 25, 2004		

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

State of New Mexico
Energy Minerals and Natural Resources 2020

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 SÖLIÐ WASTE

	VARA COLOR
1. RCRA Exempt: Non-Exempt:	4.2 Generator; Conoco Phillips
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: AXI Apache M#6A
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Dawn 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) "K" Sec 14, T25N, R4W, Rio Arriba County, New Mexico	Project #96052-088
9. Circle One:	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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</li> </ul>	necessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for trans	port.
BRIEF DESCRIPTION OF MATERIAL:	
Drilling mud water pulled to close out pit, after performing casing repair.	
CIVIC III I	
CWS attached.	
Estimated Volume 160bbls cy Known Volume (to be entered by the operator at the e	end of the haul)cy
SIGNATURE Jandela R. WISS TITLE: Landfarm Man	nager DATE: March 19, 2004
TYPE OR PRINT NAME: <u>Landrea Jackson</u> TELEPHONE NO: <u>(505)</u> 632-0615	
(This space for State Use)	
APPROVED BY: Jemy teent TITLE: Enviso	1/Eng/ DATE: 3/31/04



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

#### **BILL RICHARDSON**

Governor Joanna Prukop Cabinet Secretary

1. Generator Name and Address

5525 Highway 64

ConocoPhillips Company

Farmington, NM 87401

MAR 2004

STE STATUS

Landfarm #2

Hilltop, New Mexico

Envirotech Inc. Soil Remediation Facility

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

	3. Originating Site (name):	Location of the Waste (Street address &/c	or ULSTR)
	AXI Apache N#6A	Unit K, Sec. 14, T25N, R	YW
	000 11 0	1720' FSL & 1850' FWL	•
	API # 30-039 - 25205 attach list of originating sites as appropriate		
	4. Source and Description of Waste	Lio Arriba County, New	N MUXICO
		الم الم مامال الم مامال الم	^
	160 BBL drilling mud water	pulled to close out pit, after	· pertorning
4	casing repair	**	٠
77			·
	MA.		
<b>T</b> ·	MONICA D. Olson	representative for:	
23	Print Name	- op. coolitative for	62
	ConocoPhil·lips Company		
		do hereby certify that, according	to the Resource
Jonserv	vation and Recovery Act (RCRA) and Environmental Pred waste is: (Check appropriate classification)	otection Agency's July, 1988, regulatory determinat	ion, the above
rescribe	ed waste is. (Check appropriate classification)		·
EX	KEMPT oilfield waste NON-	EXEMPT oilfield waste which is non-hazardous by	I characteriatio
	anal	rais or he made at identification	characteristic
	ana	is or by product identification	
٠		sis or by product identification	
nd that	nothing has been added to the exempt or non-exempt n		
	nothing has been added to the exempt or non-exempt n	on –hazardous waste defined above.	
	nothing has been added to the exempt or non-exempt non-	on -hazardous waste defined above. hed (check appropriate items):	
	nothing has been added to the exempt or non-exempt non-	on –hazardous waste defined above.	
	N-EXEMPT waste the following documentation is attace MSDS Information RCRA Hazardous Waste Analysis	on -hazardous waste defined above. hed (check appropriate items):	
	nothing has been added to the exempt or non-exempt non-	on -hazardous waste defined above. hed (check appropriate items):	
or <b>NO</b> I	nothing has been added to the exempt or non-exempt non-	on -hazardous waste defined above.  hed (check appropriate items):  Other (description	Suant to 20
or NOI	nothing has been added to the exempt or non-exempt non-	on -hazardous waste defined above.  hed (check appropriate items):  Other (description	suant to 20
or NOI	nothing has been added to the exempt or non-exempt non-	on -hazardous waste defined above.  hed (check appropriate items):  Other (description	Suant to 20
or NOI	nothing has been added to the exempt or non-exempt non-	on -hazardous waste defined above.  hed (check appropriate items):  Other (description	suant to 20
or NOI	N-EXEMPT waste the following documentation is attace MSDS Information RCRA Hazardous Waste Analysis Chain of Custody  ste is in compliance with Regulated Levels of Natural 3.1 subpart 1403.C and D.	on -hazardous waste defined above.  hed (check appropriate items):  Other (description	suant to 20
or NOI	N-EXEMPT waste the following documentation is attace MSDS Information RCRA Hazardous Waste Analysis Chain of Custody  ste is in compliance with Regulated Levels of Natural 3.1 subpart 1403.C and D.	on -hazardous waste defined above.  hed (check appropriate items):  Other (description	suant to 20
his was MAC 3	N-EXEMPT waste the following documentation is attace MSDS Information RCRA Hazardous Waste Analysis Chain of Custody  ste is in compliance with Regulated Levels of Natural 3.1 subpart 1403.C and D.	on -hazardous waste defined above.  hed (check appropriate items):  Other (description	suant to 20
or NOI	N-EXEMPT waste the following documentation is attace MSDS Information RCRA Hazardous Waste Analysis Chain of Custody  ste is in compliance with Regulated Levels of Natural 3.1 subpart 1403.C and D.	on -hazardous waste defined above.  hed (check appropriate items):  Other (description	suant to 20

Oil Conservation Division \* 1000 Rio Brazos Road \* Aztec, New Mexico 87410 Phone: (505) 334-6178 \* Fax (505) 334-6170 \* <a href="http://www.ein.nrd.state.nm.us">http://www.ein.nrd.state.nm.us</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 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 875053



Form C-138 Revised March 17, 1999

DATE:

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

	(20)		
1. RCRA Exempt: □ Non-Exempt: □	4. Generator: M&G Drilling		
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: Hardie No. 68 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) 990' FSL, 800' FWL, Sec 14, T29N, R12W, San Juan County	Project #04033-001		
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 transp	port.		
BRIEF DESCRIPTION OF MATERIAL:			
Compressor oil stained soil generated at the compressor end of reciprocating compressor (has been in contact with production stream).			
CWS attached.			
·			
Estimated Volume 18 cy Known Volume (to be entered by the operator at the end	of the haul)cy		
SIGNATURE And Waste Management Facility Authorized Agent DITLE: Landfarm Manager DATE: March 16, 2004			
TYPE OR PRINT NAME: <u>Landrea Jackson</u> TELEPHONE NO: <u>(505)</u> 632-0615			
(This space for State Use)			



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Johnna Prukop

Catingt Secretary

MAR 2004

Lori Wrutenbery Director Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address  M & G Drilling- PO Box 168  Farmington, NM 87401	2: Destination Name: Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name):  Hardie No. 68 well; 990' FSL & 800 FWL, Section 14, T29N	ocation of the Waste (Street address & or ULSTR): , R12W, San Juan County, NM
attach list of originating sites as appropriate  4. Source and Description of Waste  18 CY compressor oil soaked soil. Oil from the compressor end  10 C hall no in Company (+ 1) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
Has been in Contact wiproduce  I, Kevin McCord Keuin McCord  Print Name	representative for:
M & G Drillingdo hereby certify that, according to the Resour Protection Agency's July, 1988, regulatory determination, the above de	rce Conservation and Recovery Act (RCRA) and Environmental escribed waste is: (Check appropriate classification)
	IPT oilfield waste which is non-hazardous by characteristic 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 ( MSDS InformationOf 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.	curring Radioactive Material (NORM) pursuant to 20
Name (Original Signature): ////////////////////////////////////	
Title:Engineer	
Phone Number: (\$05) 326-2659	
Date:3/10/2004	

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

Form C-138 Revised March 17, 1999

DATE:

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO CCEPT SOLID WASTE

REQUEST TOR MITROVILLE TO SECUL	TOOLIDAMASIL	
1. RCRA Exempt: □ Non-Exempt: □	4. Generator: Conoco Phillips	
Verbal Approval Received: Yes ☐ No ⊠	5. Originating Site: Pioneer #1 CDP Tank at the Redfern #4 Location	
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 16, T28N, R11W, Rio Arriba County	Project #96052-090	
9. Circle One:		
<ul> <li>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.</li> <li>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</li> </ul>		
All transporters must certify the wastes delivered are only those consigned for transp	port.	
BRIEF DESCRIPTION OF MATERIAL:		
Soil stained with condensate from a 2bbl spill from the condensate tank wh	ere a manway gasket was faulty.	
CWS attached.		
o ws difference.		
Estimated Volume 12 cy Known Volume (to be entered by the operator at the en	d of the haul)cy	
SIGNATURE And A CUPPE TITLE: Landfarm Management Facility Authorized Agent	ager DATE: March 22, 2004	
TYPE OR PRINT NAME: Landrea Cupps 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	
	ConocoPhillips Company	
	5525 Hwy. 64	
	Farmington, NM 87401	

Envirotech Inc. Soil Remediation Facility
Landfarm #2
Hilltop, New Mexico

3.	Originating Site (name):
	Pioneer #1 CDP Tank at the
	Redfern #4 location
	API #30-045-07441
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Location of the Waste (Street address &/or ULSTR):
Unit I, Section 16, T28N, R11W
1580' FSL & 1010' FEL
Rio Arriba County, New Mexico

attach list of originating sites as appropriate

4. Source and Description of Waste
Up to 12 cy soil stained with condensate from a 2 BBL spill from the condensate tank, in which the
manway gasket was faulty.

	January by greeness with a manager	
Ι,	Monica D. Olson Print Name	representative for :
		de housely contifue that according to the December
	ConocoPhillips Company vation and Recovery Act (RCRA) and Envied waste is: (Check appropriate classification)	ronmental Protection Agency's July,1988, regulatory determination, the above
X_E	EXEMPT oilfield waste	NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification
and tha	t nothing has been added to the exempt or n	non-exempt non –hazardous waste defined above.
	MSDS Information RCRA Hazardous Waste Analysis Chain of Custody	ntation is attached (check appropriate items):Other (description
	aste is in compliance with Regulated Levo ! 3.1 subpart 1403.C and D.	els of Naturally Occurring Radioactive Material (NORM) pursuant to 20
Name (	Original Signature): MMice (	). Nyan
Title:_	HSE & Regulatory Technici	ian
Phone :	Number: 505-599-3458	_ <u>;</u>
Date:	March 22, 2004	•

District1 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 875051



Form C-138 Revised March 17, 1999

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

	I SOUTH WASTE
I. RCRA Exempt:   Non-Exempt: □	74. Generator: Patina San Juan, Inc.
Verbal Approval Received: Yes No 🖂	5. Originating Site: Chavez #1
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 2, T31N, R13W, San Juan County	Project #04010-004
9. <u>Circle One</u> :	
A. All requests for approval to accept oilfield exempt wastes will be accompanied by	y 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 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	port.
BRIEF DESCRIPTION OF MATERIAL:	
Produced water pit tank bottoms being cleaned out in order to perform repa	airs.
CWS attached.	
Estimated Volume 20 BBLS cy Known Volume (to be entered by the operato	r at the end of the haul)cy
SIGNATURE And R. CUPD TITLE: Landfarm Man Waste Management Facility Authorized Agent	ager DATE: March 24, 2004
TYPE OR PRINT NAME: Landrea Cupps TELEPHONE NO: (50	05) 632-0615
(This space for State: Use)	
APPROVED BY: Weiny Joint TITLE: FAVIO,	1Eng/ DATE: 3/31/04
APPROVED BY: Approved BY: 4 and 11 TITLE: 4 and 10	DATE 3-STOCK
ARTHOUGH I WAS A STATE OF THE S	Darb.



### NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

#### **BILL RICHARDSON**

Governor Joanna Prukop Cabinet Secretary



Lori Wrotenbery Director Oil Conservation Division

CERTIFICATE OF WASTE STAT

		2 Post filed have Names
	Generator Name and Address     Patina San Juan, Inc.	2. Destination Name: Envirotech Inc. Soil Remediation Facility
	5802 US Hwy 64	Landfarm #2
	Farmington, New Mexico 87401	Hilltop, New Mexico
	3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
	Chavez #1	"A" Sec 2, T31N, R13W, San Juan County
	attach list of originating sites as appropriate	
	4. Source and Description of Waste	
	Produced water pit tank bottoms being cleaned	ed out in order to perform repairs.
ı, Ro	dney Seale Print Name	representative for :
	Print Name	
	Patina San Juan, Inc.	do hereby certify that, according to the Resource
	vation and Recovery Act (RCRA) and Environmental P ed waste is: (Check appropriate classification)	rotection Agency's July,1988, regulatory determination, the above
	,	
X		<b>ON-EXEMPT</b> oilfield waste which is non-hazardous by characteristic sis or by product identification
1.4	·	
and tha	t nothing has been added to the exempt or non-exempt	non –nazardous waste defined above.
For <b>NO</b>	N-EXEMPT waste the following documentation is atta	
	MSDS Information RCRA Hazardous Waste Analysis	Other (description
	Chain of Custody	
		ally Occurring Radioactive Material (NORM) pursuant to 20
NMAC	3.1 subpart 1403.C and D.	A
Name (	Original Signature): Rolling 2. Seo	le
Title:_	Original Signature): Kolley L. Seo District Manager	
	Number: (505) 632-8056	
Date:_	03/23/04	

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 MAII 2004 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

TEQUEST TOTAL TO THE SELECTION OF THE SE	T SOEIN, WINDIE	
1. RCRA Exempt: ☐ Non-Exempt: ☐	4 Generator: ChevronTexaco	
Verbal Approval Received: Yes No 🔀	5. Originating Site: HJ LOE Federal B #2	
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) "G", Sec 23, T29N, R12W, San Juan County	Project #92270-018	
9. Circle One:		
<ul> <li>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.</li> <li>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</li> </ul>		
All transporters must certify the wastes delivered are only those consigned for transp	ort.	
BRIEF DESCRIPTION OF MATERIAL:	700 30 70	
Produced water tank bottoms being cleaned out in order to remove tank.  CWS attached.  Estimated Volume 70bbl cy  Known Volume (to be entered by the operator at the end	MAR 2004  OL COLOR STORY  OL C	
Estimated volume 70001 cy Known volume (to be entered by the operator at the end	of the haul)cy	
SIGNATURE And A LUPP TITLE: Landfarm Mana Waste Management Facility Authorized Agent	ager DATE: March 30, 2004	
TYPE OR PRINT NAME: Landrea Cupps TELEPHONE NO: (50	<u>5) 632-0615</u>	
APPROVED BY: APPROVED BY: APPROVED BY: APPROVED BY: TITLE: FILE: F	Fig. DATE: 3/87/04.	

1. Generator Name and Address

STAR

Envirotech Inc. Soil Remediation Facility



# 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

1.0. BOX 1289	Cattliariii #2.
FARMINGTON, NM 87499 with Inch	Hilltop, New Mexico
3. Originating Site (name):	Location of the Waste (Street address &/or III STR)
FARMINGTON, NM 87499  3. Originating Site (name):  HI LOE FEDERAL B" B" AND	Location of the Waste (Street address &/or ULSTR):  14 SECTION 323, T29 N, R12 W,
113 WE TOUGHT 9	$=$ $\gamma$ $=$ $>$ $\gamma$ $=$ $>$ $>$ $>$ $>$ $>$ $>$ $>$ $>$ $>$ $>$
	1. P.M SAN JUAN CNTY. N.M.
4. Source and Description of Waste	1 Per Keith
TANK Bottom-Producedwate	rtank being removed. Beams Boll
STOUGHT (FORCIA	
I, STEVEN CARCIA 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 Agency's July,1988, regulatory determination, the above
EXEMPT oilfield wasteNON-EXEMPT analysis or l	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.
Y WAY DEPARTMENT of the fallowing decomposition is attached (a)	
For NON-EXEMPT waste the following documentation is attached (cl MSDS Information Oth	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.	eurring Radioactive Material (NORM) pursuant to 20
Name (Original Signature):	
Title: TACILITIES REPRESENTATIVE	
Phone Number: 505 · 326 · 2657 Ext. 107	•
Date: 3 · 17 · 04	
Oil Conservation Division * 1000 Rio I	Brazos Road * Aztec New Mayica 97410

Phone: (505) 334-6178 \* Fax (505) 334-6170 \* http://www.emnrd

MAR-16-2004 01:20PM

FAX:5056321865

ID:CHEVRON TEXACO

PAGE:002 R=95%

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 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 ACCE	ra solid waste
I. RCRA Exempt: □ Non-Exempt: □	4. Générator: Patina San Juan, Inc.
Verbal Approval Received: Yes No No	5. Originating Site: Conhale #2E
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) "M" Sec 15, T26N, R8W, San Juan County	Project #04010-003
9. Circle One:	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied be one certificate per job.</li> <li>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</li> </ul>	necessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for trans	sport.
BRIEF DESCRIPTION OF MATERIAL:	
Produced water pit tank bottoms being cleaned out in order to perform re	pairs.
	•
CWS attached.	
Estimated Volume 40 BBLScy Known Volume (to be entered by the operator	or at the end of the haul)cy
$\mathcal{L}_{\alpha}$	
SIGNATURE Waste Management Facility Authorized Agent  TITLE: Landfarm Man	nager DATE: March 24, 2004
	05: (22:0(15
TYPE OR PRINT NAME: Landrea Cupps TELEPHONE NO: (5	03) 632-0613
(This space for State Use)	
APPROVED BY: TITLE: FINING	Fry DATE: 3/31/04
APPROVED BY:	1900 DATE: 3-57-07



# 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:
	Patina San Juan, Inc.	Envirotech Inc. Soil Remediation Facility
	5802 US Hwy 64 Farmington, New Mexico 87401	Landfarm #2 Hilltop, New Mexico
	rammigton, New Mexico 87401	rimop, New Mexico
	3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
	Con Hale 2E	"M" Sec 15, T26N, R8W, San Juan County
	attach list of originating sites as appropriate	
	4. Source and Description of Waste	
	Produced water pit tank bottoms being cleaned	ed out in order to perform repairs.
ı,_Rc	dney Seale Print Name	representative for :
	Print Name	
	Patina San Juan, Inc.	do hereby certify that, according to the Resource
	vation and Recovery Act (RCRA) and Environmental P	rotection Agency's July,1988, regulatory determination, the above
describ	ed waste is: (Check appropriate classification)	·
X	EXEMPT oilfield waste NO	ON-EXEMPT oilfield waste which is non-hazardous by characteristic
	<del></del>	sis or by product identification
and that	t nothing has been added to the exempt or non-exempt r	non –hazardous waste defined above.
For <b>NO</b>	N-EXEMPT waste the following documentation is atta MSDS Information	ached (check appropriate items): Other (description
	RCRA Hazardous Waste Analysis	Other (description
	Chain of Custody	
	aste is in compliance with Regulated Levels of Natura 3.1 subpart 1403.C and D.	ally Occurring Radioactive Material (NORM) pursuant to 20
		0
Vame (	Original Signature): Hoffw L. Dlot	<u>(                                    </u>
Γitle:	Original Signature): Holly 2. Deol Disture + Maka Jan	· 
r none l	Number: (505) 632-8056	
Date:_	03/23/04	

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 Revised March 17, 1999

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District Office

Form C-138

### REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

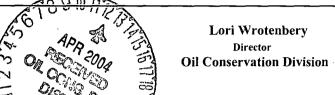
REQUESITOR ATTROVAL TO ACCE	1 SOLID WASTE
1. RCRA Exempt: Non-Exempt:	4. Generator: El Paso Field Services
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: Lateral C-38
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) SE/4 Sec13, T27N, R9W, San Juan County	Project #97057-092
9. Circle One:	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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 claapproved</li> </ul>	necessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transp	port.
BRIEF DESCRIPTION OF MATERIAL:	89107177
Soils contaminated with produced water and hydrocarbons generated at lin CWS Attached	ne leak.  APR 200,  CONTRACTOR OF THE PROPERTY
Estimated Volumecy Known Volume (to be entered by the operator at the en	nd of the haul)cy
SIGNATURE Management Facility Authorized Agent  TITLE: Landfarm Manager DATE: March 17, 2004	
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615	
APPROVED BY: Semple TITLE: Environment of the semple to th	Eug DATE: 4/14/04



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

#### **BILL RICHARDSON**

Governor Joanna Prukop Cabinet Secretary



CERTIFICATE OF WASTE STATUS

1. Generator Name and Address:	2. Destination Name: 7 June	
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):	
Lateral C-38	SE/4 Section 13, T27N, R9W, San Juan Co., NM	
attach list of originating sites as appropriate		
4. Source and Description of Waste		
Soils contaminated with produced water and hydrocarb	oons	
I, David Bays	representative for:	
Print Name		
El Dono Eigld Complete Co	do house and find a constitute de de December Consequetion and	
El Paso Field Services Co.	do hereby certify that, according to the Resource Conservation and	
(Check appropriate classification)	Agency's July, 1988 regulatory determination, the above described waste is:	
(Oncert 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 exempt or non-l	nazardous waste defined above.	
For NON-EXEMPT waste only, the following docum	entation is attached (check appropriate items):	
MCDC Information	Other (description)	
MSDS Information	Other (description)	
RCRA Hazardous Waste Analysis Chain of Custody	i ·	
Chain of Custody		
This Wests is in compliance with Deculated Levels of	Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1	
subpart 1403.C and D.	Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 5.1	
Subpart 1403.C and D.		
Name (Original Signature):	10 R.	
Name (Original Signature).	w day	
Title: Principal I	Environmental Scientist	
Date: March 17,	March 17, 2004	
Jaic. Iviaich 17, 2004		
010	1000 B' B	
	1000 Rio Brazos Road * Aztec, NM87410	
Phone: (505) 334-6178 *	Fax (505) 334-6170 * http://www.emnrd.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

APPROVED BY

State of New Mexico Senergy 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

MEQUESITOR ATTROVAL TO ACCES	Y SOLID WASIE	
1. RCRA Exempt: □	4. Generator: XTO	
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: TL Rhodes C #1E	
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 30, T28N, R11W, San Juan County	Project #98031-011	
9. Circle One:		
<ul> <li>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.</li> <li>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</li> </ul>		
All transporters must certify the wastes delivered are only those consigned for transporters	port.	
BRIEF DESCRIPTION OF MATERIAL:		
Oil contaminated dirt from pit tank cellar. Crude oil was introduced i overflow.	nto the produced water tank causing it to	
CWS attached.		
Estimated Volume15cy Known Volume (to be entered by the operator at	the end of the haul)cy	
SIGNATURE Hand ALC ROLL TITLE: Landfarm Man Waste Management Facility Authorized Agent	ager DATE: March 17, 2004	
TYPE OR PRINT NAME: <u>Landrea Jackson</u> TELEPHONE NO: <u>(505)</u> 632-0615		
APPROVED BY: Derry Low TITLE Envivo	Engy DATE: 4/14/04	



# NEW ...EXICO ENERGY, M...ERALS and NATURAL RESOURCES DEPARTMENT

#### **BILL RICHARDSON**

Governor Joanna Prukop Cabinet Secretary



Lori Wrotenbery
Director
Oil Conservation Division

1. Generator Name and Address	Destination Name:
XTO Energy Inc.	Destination Name: Envirotech Inc. Soil Remediation Facility
2700 Farmington Ave., Bldg K, Ste 1	Landfarm #2
Farmington, New Mexico 87401	Hilltop, New Mexico
Tallington, New Mexico 67401	inntop, new Mexico
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
T L Rhodes C #1E	Unit E, Sec 30, T-28-N, R-11-W
	San Juan County
attach list of originating sites as appropriate	
4. Source and Description of Waste	
Oil contaminated dirt from pit tank cellar. Approximate	e volume is 15 cubic yards.
Crude oil introduced into produce	e volume is 15 cubic yards. Ed Water tank Causing it to
overflow. One per Darren 3/31/04	Q

I,Darrin SteedPrint Name	representative for:
XTO Energy Inc  Conservation and Recovery Act (RCRA) and Envir described waste is: (Check appropriate classification	do hereby certify that, according to the Resource ronmental Protection Agency's July, 1988, regulatory determination, the above on)
_XEXEMPT 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 documen MSDS InformationRCRA Hazardous Waste AnalysisChain of Custody	tation is attached (check appropriate items):Other (description
This waste is in compliance with Regulated Leve NMAC 3.1 subpart 1403.C and D.	els of Naturally Occurring Radioactive Material (NORM) pursuant to 20
Name (Original Signature):	Geod
Title:_HSE & Regulatory Supervisor	
Phone Number: 505-324-1090	
Date: March 17, 200	4

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

I. RCRA Exempt:   Non-Exempt:   □	4. Generator: CDX Gas, LLC	
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: Anderson 1R	
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) "M" Sec5, T32N, R6W, La Plata County	Project # 03040-004	
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 transp	ort.	
BRIEF DESCRIPTION OF MATERIAL:	3910111273	
Solids, drill cuttings from closing reserve pit installations.  APR 2004		
CWS and CDX authorization attached.  *Material previously approved March of 2003 but project was never performed.	ON CONS. DIV.	
Estimated Volumecy Known Volume (to be entered by the operator at the en	od of the haul)cy	
SIGNATURE Jandra K. Cup TITLE: Landfarm Mana Waste Management Facility Addrorized Agent	nger DATE: March 30, 2004	
TYPE OR PRINT NAME: Landrea Cupps TELEPHONE NO: (50	5) 632-0615	
(This space for State Use)		
	PATE III IIII	
APPROVED BY.	DATE: 4/14/04	
APPROVED BY: A Stripe TITLE: 9 10/19/	DATE: 4 14 04	



# 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 / 7 97 57 V Cos	
1. Generator Name and Address:	2. Destination Name:	
CDX Gas, LLC	Envirotech Inc. Soil Remediation Facility	
4801 N. Butler Aven., Suite 2000		
Farmington, New Mexico 87401		
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):	
Anderson 1 R – SWSW Section :	5 T 32N RGW, La Plata County, Colorado	
attach list of originating sites as appropri	riate	
4. Source and Description of Waste	ing which italiation of reserve pit.	
Solids, Drilling cuttings from ins	stallation of reserve pit.	
I. Paul D. Tucker	representative for:	
Print Name		
_ CDX Gas, LLC	do hereby certify that, according to the Resource	
	vironmental Protection Agency's July, 1988, regulatory determination, the above	
described waste is: (Check appropriate classifica	ation)	
SZ MAXIMA MORAL M.C. 11	NONE POYTON COOP - 116 . I J	
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	r non-exempt non –hazardous waste defined above.	
For NON-EXEMPT waste the following docum	contation is attached (check appropriate items).	
MSDS Information	entation is attached (check appropriate nears).  Other (description	
RCRA Hazardous Waste Analysis		
Chain of Custody		
This waste is in compliance with Regulated Le	evels of Naturally Occurring Radioactive Material (NORM) pursuant to 20	
1	A II	
Name (Original Signature):	I dulle	
Title: Production Superintendent		
Phone Number: (505) 326-3003 Ext. 2	802	
Date: March 30, 2004		

#### 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

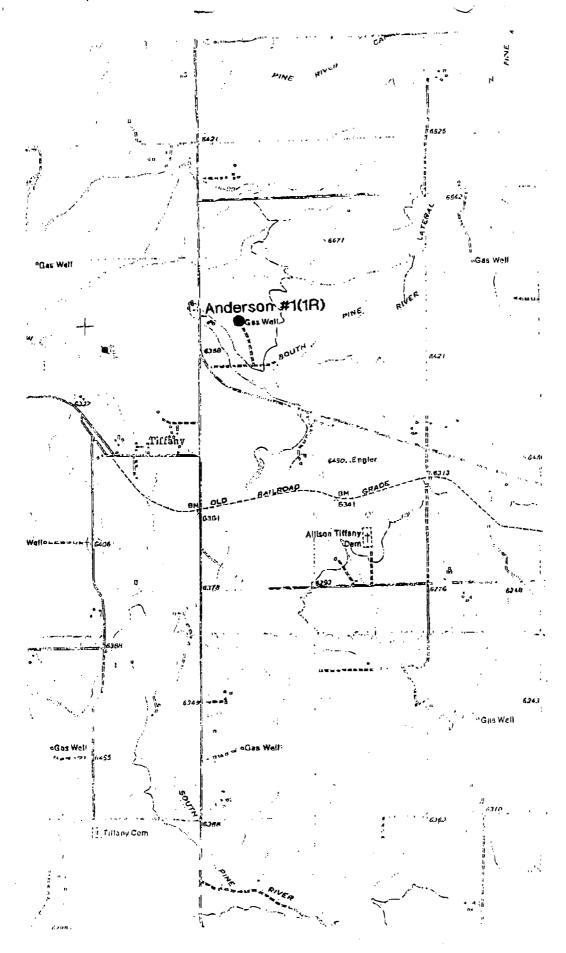
FAX NO. :970—247—1047

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

### State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-138 Revised March 17, 1999 Submit Original

Submit Original Plus 1 Copy to Appropriate District Office

## REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

REQUEST FOR ATTROVAL TO ACCE.	I SOLID WASTE
1. RCRA Exempt: Non-Exempt:	4. Generator: Conoco Phillips
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: SJ 28-7 #151
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) 1090' FNL, 1450' FEL, Sec 21, T27N, R7W, Rio Arriba County	Project #96052-092
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 neaterial is not-hazardous and the Generator's certification of origin. No waste classification approved	ecessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transp	port.
BRIEF DESCRIPTION OF MATERIAL:	
Tank bottoms and fresh wash water from a produced water tank being c location.	cleaned in order to move the tank to a new
CWS attached.  APR  ONOTE  ONO	2004 S. On.
Estimated Volume ~20bblscy Known Volume (to be entered by the operator	
SIGNATURE And Management Facility Autisorized Agent  TITLE: Landfarm Man	ager DATE: April 2, 2004
TYPE OR PRINT NAME: Landrea Cupps TELEPHONE NO: (50	<u>05) 632-0615</u>
(This space for State Use)	
APPROVED BY: Denny tunny TITLE: Envirol	Eng / DATE 4/14/04
APPROVED BY A STATE OF STATE O	1915 DATE 4/14/04

4-2-04

1-19-7

# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary



Lori Wrotenbery
Director
Oil Conservation Division

	CERTIFIC	CATE OF WASTESTATUS
	1. Generator Name and Address	2: Destination Name:
	ConocoPhillips	Envirotech Inc. Soil Remediation Facility
	5525 Hwy 64	Landfarin #2
	5525 Hwy 64 Farming for NM 81401	Hilltop, New Mexico
	3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
	SJ. 28-7 #151- 1090'FNI	L + 1450 FEL, Sec. 21, 27N, 7W
	attach list of originating sites as appropriate	
	4. Source and Description of Waste	
·	20 bbls tank bo	Homs + wash water
,	Produced water tank be	ing Cleaned in order to move to new representative for: location if
I,	Patsy Ciugston	representative for: 10Cation 4
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
•	Conoco Phillips Co.	do hereby certify that, according to the Resource
Conserv	ation and Recovery Act (RCRA) and Environme	ental Protection Agency's July, 1988, regulatory determination, the above
describe	d waste is: (Check appropriate classification)	
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-ex	xempt non —hazardous waste defined above.
For NO	N-EXEMPT waste the following documentation  MSDS Information  RCRA Hazardous Waste Analysis  Chain of Custody	is attached (check appropriate items):  Other (description
	te is in compliance with Regulated Levels of R 3.1 subpart 1403.C and D	Naturally Occurring Radioactive Material (NORM) pursuant to 20
	17,00	A A
rame (C	riginal Signature): Talsy (lu	
Title:	Regulatory Una	tylet
Phone N	umber: 599-3454	

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:

### State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Revised March 17, 1999

Submit Original

Submit Original Plus 1 Copy to Appropriate District Office

Form C-138

## REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

REQUEST FOR ATTROVAL TO ACCES	1 SOLID WASTE		
1. RCRA Exempt: ☐ Non-Exempt: ☐	4. Generator: Compressor Systems Inc.		
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: NEBU 499		
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 20, T31N, R6W, Rio Arriba County	Project #01038-020		
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 transporters	port.		
BRIEF DESCRIPTION OF MATERIAL:			
Soil contaminated with screw compressor oil generated when an oil line broke. Material has been in contact with the production stream.			
CWS attached.  APR 2004  COLUMN DIST. 8			
Estimated Volumecy Known Volume (to be entered by the operational these	ndlof the haul)cy		
SIGNATURE Management Facility Authorized Agent  TITLE: Landfarm Manager DATE: April 2, 2004			
TYPE OR PRINT NAME: Landrea Cupps TELEPHONE NO: (50	05) 632-061 <u>5</u>		
(This space for State Use)			
APPROVED BY: Jenny term TITLE: FRUND	1Engr DATE: 4/14/08		



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

#### BILL RICHARDSON

Governor Joanna Prukop Cabinet Secretary



Lori Wrotenbery Director Oil Conservation Division

	C ST. B ST. ST	
1. Generator Name and Address	2. Destination Name:	
Compressor Systems Inc. P.O. Box 1886	Landfarm #2	
Bloomfield, New Mexico 874	·	
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):	
NEBU 499 attach list of originating sites as appropriate	"P" Sec 20, T31N, R6W, Rio Arriba County	
4. Source and Description of Waste  Soil contaminated with screw compress contact with the production stream.	sor oil generated when an oil line broke. Material has been in	
I, Mitchell Davis	representative for :	
Print Name		
Compressor Systems 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)		
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.		
and that nothing has been added to the exempt of hon-ex	xempt non—nazardous waste defined above.	

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.

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

Name (Original Signature)

MSDS Information

Chain of Custody

RCRA Hazardous Waste Analysis

(505) 632-5501 Phone Number:

April 2, 2004 Date:\_\_

Other (description

<u>District I</u> 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 400 1220 South St. Francis Dr. Santa Fe, NM <u>87</u>505

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: ☐	Generator: Three Rivers Trucking		
Verbal Approval Received: Yes ☐ No ☒ .	5. Originating Site: Bloomfield Water 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) 406 Blanco Blvd, Bloomfield	Project #04036-001		
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:			
Hydrocarbons from various exempt oilfield activities. Residuals in tank overflowed during filling of the tank with fresh water.			
CWS attached.			
·			
Estimated Volume <u>~40</u> cy Known Volume (to be entered by the operator at the end of the haul)cy			
SIGNATURE Management Facility Authorized Agent  TITLE: Landfarm Man	ager DATE: March 25, 2004		
TYPE OR PRINT NAME: Landrea Cupps TELEPHONE NO: (50	05) 632-061 <u>5</u>		
(This space for State Use)			
APPROVED BY: Derny terry TITLE: Unio	1 DATE: 4/11/04		
APPROVED BY: Att Affice TITLE: 9-colog	DATE: 4 14 OU		



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES, DEPARTMENT

#### **BILL RICHARDSON**

Governor
Joanna Prukop
Cabinet Secretary



Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATO

		92,52,1/2,00
	1. Generator Name and Address	2. Destination Name:
	Three Rivers Trucking, Inc.	Envirotech Inc. Soil Remediation Facility
	P.O. Box 2728	Landfarm #2
	Farmington, New Mexico 87499	Hilltop, New Mexico
	3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
	Bloomfield Water Station attach list of originating sites as appropriate	406 Blanco Blvd, Bloomfield, New Mexico
	4. Source and Description of Waste	
	Hydrocarbons from various oilfield activities with fresh water.	s. Residuals in tank overflowed during filling of the tank
ì,	Cindy Pinkett	representative for :
	Print Name	
	Three Rivers Trucking, Inc.	do hereby certify that, according to the Resource
Conser describ	vation and Recovery Act (RCRA) and Environmental P ed waste is: (Check appropriate classification)	rotection Agency's July, 1988, regulatory determination, the above
<u> X</u>		ON-EXEMPT villicld waste which is non-hazardous by characteristic sis or by product identification
and tha	at 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	ached (check appropriate items):
	MSDS Information	Other (description
	RCRA Hazardous Waste Analysis	
	Chain of Custody	
	aste is in compliance with Regulated Levels of Nature 3.1 subpart 1403.C and D.	ally Occurring Radioactive Material (NORM) pursuant to 20
Name (	(Original Signature):	7
Title:_	Secretary Treasurer	
Phone.	Number: <u>(505) 632-5300</u>	<del></del>
Date:_	March 25, 2004	

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

### 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: Black Hills E&P		
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: Jicarilla 458 #2 SWD		
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) "O" Sec 7, T30N, R03W, Rio Arriba	Project #99070-004		
9. Circle One:			
<ul> <li>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.</li> <li>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</li> </ul>			
All transporters must certify the wastes delivered are only those consigned for transporters	port.		
BRIEF DESCRIPTION OF MATERIAL:			
Produced water tank bottoms and fresh wash water. Vertical produced water convert to a horizontal frac tank.  CWS attached.  APR 2004	ter tank is being cleaned out in order to		
Estimated Volume $\sim 12bbl$ cy Known Volume (to be entered by the operator at the 6	end of the haul)cy		
SIGNATURE Management Facility Authorized Agent  TITLE: Landfarm Man	ager DATE: April 5, 2004		
TYPE OR PRINT NAME: Landrea Cupps TELEPHONE NO: (50	05) 632-0615		
(This space for State Use)  APPROVED BY: TITLE: ENVIOLE	Engl DATE: 4/14/04		
APPROVED BY: APPROVED BY: 1 TITLE: 1 -0/0	1915 DATELY = 14 - 04		

4- 5-04; (1:55AM; ENVIRO

# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

### BILL RICHARDSON

Governor Joanna Prukop Cabinet Secretary



Lori Wrotenbery
Director
Oil Conservation Division

	1 Charles and Address	20/1/22 Destination Name:
	Generator Name and Address     Black Hills E&P	C2:7 Destination Name: Envirotech Inc. Soil Remediation Facility
		Landfarin #2
	P.O. Box 249	
	Bloomfield, New Mexico 87413	Hilltop, New Mexico
	3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
	Jicarilla 458 #2 SWD attach list of originating sites as appropriate	"O" Sec 7, T30N, R03W, Rio Arriba County
	4. Source and Description of Waste	Vertical UC 415704 h water. Horizontal-produced water tank is being cleaned out
	Produced water tank bottoms and fresh was in order to convert to a horizontal frac tank.	h water. Herizontal-produced water tank is being cleaned out
	M of details and a second a second and a second a second and a second a second and a second a second a second	N. H.
I.	Allen Partent	representative for:
_,	Print Name	
descrit	bed waste is: (Check appropriate classification)	do hereby certify that, according to the Resource Protection Agency's July, 1988, regulatory determination, the above  ON-EXEMPT oilfield waste which is non-hazardous by characteristic
<u>X</u>	EXEMPT oilfield wasteNCana	lysis or by product identification
and th	at nothing has been added to the exempt or non-exemp	ot non –hazardous waste defined above.
For N	ON-EXEMPT waste the following documentation is a  MSDS Information RCRA Hazardous Waste Analysis Chain of Custody	attached (check appropriate items):Other (description
This v	waste is in compliance with Regulated Levels of Nat C 3.1 subpart 1403.C and D,	urally Occurring Radioactive Material (NORM) pursuant to 20
	e (Original Signature): Alle Parut	
	Completion Foreman	
Phon	e Number: (505) 634-1111 ext. 22	
Date	April 5, 2004	

"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 Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

Form C-138

# 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 6B-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 27, T29N, R13W, San Juan County	Project #97057-093	
9. Circle One:		
<ul> <li>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.</li> <li>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</li> </ul>		
All transporters must certify the wastes delivered are only those consigned for transp	oort.	
BRIEF DESCRIPTION OF MATERIAL:		
Soils contaminated with produced water and hydrocarbons generated at line	e leak	
CWS Attached		
Estimated Volumecy Known Volume (to be entered by the operator at the er	nd of the haul)cy	
SIGNATURE Management Facility Authorized Agent  TITLE: Landfarm Management Facility Authorized Agent	ager DATE: April 7, 2004	
TYPE OR PRINT NAME: Landrea Cupps TELEPHONE NO: (50	5) 632-0615	
(This space for State Use)		
APPROVED BY Denny Frent TITLE Envirol	Ency DATE: 4/14/04	
APPROVED BY: Jerry Foury TITLE: Environ	DATE: 4 14 04	
Maria Control of the	A STATE OF THE PROPERTY OF THE	



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

### BILL RICHARDSON

Governor Joanna Prukop Cabinet Secretary



Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATÉ OF WASTE STATUS

l 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)
- · · · · · · · · · · · · · · · · · · ·	
Lateral 6B-1	Unit O, Sec. 27, T29N, R13W, San Juan Co, NM
attach list of onginating sites as appropriate	
4 0	10.0
4. Source and Description of Waste Soil contaminated with produced water and hydrocarbon	is generated at line leak 417104
	<u> </u>
I, David Bays	
Print Name	representative for:
* ************************************	
El Paso Fjeld Services Co	do hereby certify that, according to the Resource Conservation and
Recovery Act (RCRA) and Environmental Protection Ag	gency's July, 1988 regulatory determination, the above described waste is:
(Check appropriate classification)	
	YON-EXEMPT oilfield waste which is non-hazardous by characteristic
	malysis or by product identification
and that nothing has been added to the exempt or non-ha	zardous waste defined above.
For NON-EXEMPT waste only, the following document	usation is attached (check appropriate at-ms).
1 of 11011-EARCHE I waste only, the following document	nation is attached (check appropriate nems):
MSDS Information	Other (description)
RCRA Hazardous Waste Analysis	
Chain of Custody	
This Waste is in compliance with Regulated Levels of Ni subpart 1403.C and D	aturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1
Subpart 1403.C and D	
Name (Original Signature):	Q Bay
(Sugarina Symmetry)	
Mid . Du'	. 10 : :
Title: Principal En	vironmental Scientist
Date: April 7, 2004	1
	00 Rio Brazos Road * Aztec, NM87410
Phone: (505) 334-6178 * F	ax (505) 334-6170 * http://www.emptd.state.nm.us

District I
1625 N. French Dr., Hobbs, NM 8820 F F Finer Minerals and Natural Resources
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Azteci-NM 87410 JAN 0 3 2005
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
CONSERVATIONS and Fe, NM 87605

Form C-138 Revised March 17, 1999

> Submit Original Plus 1 Copy to Appropriate District Office

DIVISION		
REQUEST FOR APPROVAL TO ACCEP	TŞOLIÐ WASTE	
1. RCRA Exempt: Non-Exempt:	4. Generator: The Hanover Company	
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: Pump Mesa CDP	
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Envirotech	
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico	
7. Location of Material (Street Address or ULSTR) T31N, R8W, Sec 14, San Juan County	Project #99043-014	
9. Circle One:		
<ul> <li>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.</li> <li>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</li> </ul>		
All transporters must certify the wastes delivered are only those consigned for transp	ort.	
BRIEF DESCRIPTION OF MATERIAL:	·	
Accept soil contaminated with oil from when an oil line broke on the engin	ne driving the compressor.	
CWS and analytical attached.		
	·	
Estimated Volume Known Volume (to be entered by the operator at the end of the haul)cy		
Estimated Volume Known Volume (to be entered by the operator at the end of the haul) cy		
SIGNATURE Management Facility Authorized Agent  TITLE: Landfarm Manager DATE: December 29, 2003		
TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (505) 632-0615		

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

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: ☐ No ☐ N	4. Generator: The Hanover Company
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: Pump Mesa CDP
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Envirotech
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) T31N, R8W, Sec 14, San Juan County	Project #99043-014
9. <u>Circle One</u> :	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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 cla approved</li> </ul>	ecessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transp	port.
BRIEF DESCRIPTION OF MATERIAL:	
Accept soil contaminated with oil from when an oil line broke on the engin	ne driving the compressor.
CWS and analytical attached.	
Estimated Volume Known Volume (to be entered by the operator at	the end of the haul)cy
SIGNATURE Waste Management Facility Authorized Agent  TITLE: Landfarm Management	ager DATE: December 29, 2003
TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (505) 632-	0615
(This space for State Use)	
APPROVED BY: Deny funt TITLE: Enviro	/Engl DATE: 12/29/04



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

#### **BILL RICHARDSON**

Governor
Joanna Prukop
Cabinet Secretary



Lori Wrotenbery
Director
Oil Conservation Division

		<u>V.O.</u> 0.9	
	1. Generator Name and Address	Destination Name:	
	Hanover Compression	Envirotech Inc. Soil Remed	iation Facility
	1280 Troy King Rd.	Landfarm #2	-
	Farmington NM 87401	Hilltop, New Mexico	
	2.0::::::::::::::::::::::::::::::::::::	The state of the s	THE CORP.
	3. Originating Site (name):	Location of the Waste (Street address &/or	ULSTR):
	Pump Mesa CDP	Sec. 14 T31N R8W	
	attach list of originating sites as appropriate		
	4. Source and Description of Waste		
	Soil contaminated with oil from when an	oil line broke on the engine driving the com	pressor.
		·	
		D.1. 241.042	
I <u>,</u>	Print Name	e Bolser BALCAR	_representative for :
	rint Name		
	Hanover	do hereby certify that,	according to the
Resour	ce Conservation and Recovery Act (RCRA) and Env	vironmental Protection Agency's July,1988, regulator	ry determination, the
	described waste is: (Check appropriate classification		,
177	VEMPT alfield waste	NON EVEMPT citied waste which is non-bound	and has also as a start
Е		NON-EXEMPT oilfield waste which is non-hazard alysis or by product identification	ous by characteristic
		any one by product identification	
and tha	t nothing has been added to the exempt or non-exem	npt non –hazardous waste defined above.	
For NO	ON-EXEMPT waste the following documentation is MSDS Information		
	MSDS Information RCRA Hazardous Waste Analysis	Other (description	
	Chain of Custody		
This w	aste is in compliance with Regulated Levels of Na	aturally Occurring Radioactive Material (NORM)	pursuant to 20
NMA(	C 3.1 subpart 1403.C and D.		
	and R.		•
	(Original Signature):	<u>Can</u>	
Title:	AREA MANAGER		
	Number: (505) 566-5212		
Phone			
Date:_	12/29/04		
vate:_			



#### TRACE METAL ANALYSIS

Client:	Hanover Compression	Project #:	99043-014
Sample ID:	#1	Date Reported:	12-17-04
Laboratory Number:	31504	Date Sampled:	12-16-04
Chain of Custody:	13438	Date Received:	12-16-04
Sample Matrix:	Soil	Date Analyzed:	12-17 <b>-</b> 04
Preservative:	Cool	Date Digested:	12-16-04
Condition:	Cool & Intact	Analysis Needed:	RCRA Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	0.004	0.001	5.0
Barium	0.216	0.001	100
Cadmium	ND	0.001	1.0
Chromium	0.002	0.001	5.0
Lead	0.003	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 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:

Pump Mesa CDP.

Δnalvst

(Review Mikelter



# TRACE METAL ANALYSIS Quality Control / Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	12-17-TM QA/QC	Date Reported:	12-17-04
Laboratory Number:	31498	Date Sampled:	N/A
Sample Matrix:	Liquid	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	12-17-04
Condition:	N/A	Date Digested:	12-16-04

Blank & Duplicate Conc. (mg/L)	Instrument Blank (mg/L)	Method Blank	Detectio Limit	on Sample	Duplicate	) % Diff.	Acceptance Range
Arsenic	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Barium	ND	ND	0.001	0.017	0.017	0.0%	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 Conc. (mg/L)	Spike Added	Sample	Spiked Sample		Acceptance Range
Arsenic	0.500	ND	0.499	99.8%	80% - 120%
Barium	0.500	0.017	0.517	100.0%	80% - 120%
Cadmium	0.500	ND	0.500	100.0%	80% - 120%
Chromium	0.500	ND	0.500	100.0%	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	0.500	100.0%	80% - 120%

ND - Parameter not detected at the stated detection limit.

References:

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

SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision

Spectorscopy, SW-846, USEPA, December 1996.

Comments:

QA/QC for samples 31498, 31504.

Analyst

# CHA N OF CUSTO DY RECOR D

13438

Client / Project Name Hanover Co	nim 05=55	sion	Project Location	Mesa CDP 5-014		ANALYSIS / PARAMETERS				<u> </u>					
Sampler:	or pics.		Client No.				3					F	Remark	 S	
JOHN WILLIA	9 <i>mS</i>		99043	5-014		No. of Containers	∞ <u>~</u>				-				
Sample No./ Identification	Sample Date	Sample Time	Lab Number	l Sample		Son E	Total & Reich metals								
· # \	12/16/04		31504	Soil		1	1							· · · ·	
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Relinquished by: (Signat	ure)			Date Time 12/16/04 13:40	Receiv	ed by:	(Signatu	re) + (					Date /16/64	İ	me
Relinquished by: (Signat	ure)				Receive	ed by:	(Signatui	re)					136164	13	70
Relinquished by: (Signat	ure)		,		Receive	ed by: (	(Signatu	re)		• '					
	·····			ENVIRO	TFC	H	Inc	<u> </u>				Sample F	Receipt	.il	
					Service Notice								Y	N	N/A
				5796 U.S Farmington, I							Rece	ived Intact	-	/	
					632-0		· · · ·				Cool -	lce/Blue lce			

1625 N. French Dr., Hobbs, NM 882 RECE State of New Mexico Energy Minerals and Natural Resources District II

Form C-138 Revised March 17, 1999

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1301 W. Grand Avenue, Artesia, NM 88210 1000 Rio Brazos Road, Aztec, NM 87410 JAN 0 3 2005 Oil Conservation I 1220 South St. Francis Dr District IV 1220 S. St. Francis Dr., Santa Fe, NMOTTO CONSERVATION

REQUEST FOR APPROVAL T WASTE or: Conoco Phillips 1. RCRA Exempt: Non-Exempt: Originating Site: Maddox WN Fed. #5, Verbal Approval Received: Yes  $\square$ Maddox WN Fed. #7, and the Maddox B Fed. #2 2. Management Facility Destination: Envirotech Soil Remediation Facility, 6. Transporter: TBA 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) Maddox #5 "A" Sec 24, T30N, R13W, San Juan County Project #96052-218 Maddox #7 "H" Sec 13, T30N, R13W, San Juan County Maddox #2 "N" Sec 13, T30N, R13W, San Juan County 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 All transporters must certify the wastes delivered are only those consigned for transport. BRIEF DESCRIPTION OF MATERIAL: Accept stock piled soil stained with virgin motor oil from vandals cutting hoses on three different tanks spilling approx. 7.38 accumulative bbls of oil on to the ground.

CWS attached. and MSDS

Estimated Volumecy Known Volume (to be en	ntered by the operator at the end of the haul)cy
SIGNATURE Waste Management Facility Authorized Agent	TITLE: Landfarm Manager DATE: December 28, 2004
TYPE OR PRINT NAME: Brandon Powell	TELEPHONE NO: (505) 632-0615
(This space for state-use).  APPROVED BY (Desty Low)	THIRE ENVIRO/Engle: 12/29/4
APPROVISE LA TARRESTE LA	TEPLE AND STATE OF THE

District I 1825 N. French Dr., Hobbs, NM 88240 Nistrict 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 32425
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

REQUEST FOR AFFROVAL TO ACCEPT	4 40 4 10
RCRA Exempt:      Non-Exempt:      Non-Exempt:      Non-Exempt: □	Generator: Conoco Phillips
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: Maddox WN Fed. #5, Maddox WN Fed. #7, and the Maddox B Fed. #2
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Maddox #5 "A" Sec 24, T30N, R13W, San Juan County Maddox #7 "H" Sec 13, T30N, R13W, San Juan County Maddox #2 "N" Sec 13, T30N, R13W, San Juan County	Project #96052-218
9. <u>Circle One</u> :	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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</li> </ul>	ecessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transp	ort.
BRIEF DESCRIPTION OF MATERIAL:	
Accept stock piled soil stained with virgin motor oil from vandals cutti approx. 7.38 accumulative bbls of oil on to the ground.	ing hoses on three different tanks spilling
CWS attached.	
M203	
כעפריי	
٠	
Estimated Volumecy Known Volume (to be entered by the operator at the e	end of the haul)cy
SIGNATURE Waste Management Facility Authorized Agent  TITLE: Landfarm Management Facility Authorized Agent	nger DATE: December 28, 2004
TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (50	<u>95) 632-0615</u>
(This space for State Use)	
APPROVED BY: Deny tent TITLE: Envirof	Engr DATE: 12/29/04
APPROVED BY:	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

	1. Generator Name and Addre	SS	2. Destination Name:			
	ConocoPhillips Comp	any	Envirotech Inc. Soil Remediation Facility			
	5525 Hwy. 64		Landfarm #2			
	Farmington, NM 874	01	Hilltop, New Mexico			
	3. Originating Site (name): Maddox WN Federal 5	API # 30-045-30338	Location of the Waste (Street address &/or ULSTR):			
	Maddox WIN Federal 5	20-042-20338	Unit A, Section 24, T30N, R13W 1080' FNL & 1215' FEL, San Juan County, NM			
	Maddox WN Federal 7	30-045-30336	Unit H, Section 13, T30N, R13W			
	industry (111 decisi)	30 0 13 3 0330	1635' FNL & 900' FEL, San Juan County, NM			
	Maddox B Federal 2	30-045-30333	Unit N Section 13, T30N, R13W			
		•	745' FSL & 1590' FWL, San Juan County, NM			
	attach list of originating sites as	appropriate				
	4. Source and Description of					
	Approximately 8.5 cub	oic yards soil stained w	ith virgin unused oil. Vandals cut hoses on 3 tanks			
			accumulative bbls of oil to spill to ground.			
			, ,			
			·			
[,	Juanita Farrell		representative for ;			
	Print Name					
	ConocoPhillips (	Jomnany	do housely consider that accounting to the Decount			
~ maam			do hereby certify that, according to the Resource tion Agency's July, 1988, regulatory determination, the above			
Jouser Jescrib	ed waste is: (Check appropriate of	lassification)	non Agency 8 July, 1900, regulatory determination, the above			
ICSCITO	od waste is. (Chock appropriate c	Aussiniourion)				
EX	EMPT oilfield waste		MPT oilfield waste which is non-hazardous by characteristic by product identification			
4		•				
nd that	nothing has been added to the ex	tempt or non-exempt non –	nazardous waste defined above.			
or NO	N-EXEMPT waste the following					
	X MSDS Information		Other (description			
	RCRA Hazardous Waste Ar Chain of Custody	latysis				
	Chain of Custody					
'hie we	este is in compliance with Pegul	ated Levels of Naturally (	Occurring Radioactive Material (NORM) pursuant to 20			
	3.1 subpart 1403.C and D.	accu nevers of manually	realing Radioactive Material (NORth) pursuant to 20			
IVIAC	3.1 support 1403.0 and D.	7				
Jame (	Original Signature):	Junet Faree	<i>,</i>			
itle:	Regulatory Analyst					
попе 1	Number: 505-599	<u> </u>				
ate:	December 2	8, 2004				
·			•			

#### 12-28-04; 3:53PM; ConocoPhil'

## **Material Safety Data Sheet**



#### EL MAR 3000 ENGINE OIL

1. CHEMICAL PRODUCT/COMPANY IDENTIFICATION

EL MAR 3000 ENGINE OIL

MSDS Code: MOTC0070

Revised: 08-August-2002

"EL MAR" is a registered trademark of Conoco.

Product Use: Natural Gas Engine Oil

Grade: 30, 40, 15W-40

MANUFACTURER/DISTRIBUTOR

Conoco Inc. P.O. Box 2197 Houston, TX 77252

PHONE NUMBERS

Product Information: 1-281-293-5550

Transport Emergency: CHEMTREC 1-800-424-9300 (U.S. & Canada)

1-703-527-3887 (international; call collect)

Medical Emergency: 1-800-342-5119 or 1-281-293-5119

URL www.conoco.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components CAS Numbers % Highly refined base oils 64741-88-4 15-95

64741-89-5 0-65
Proprietary additives 5-30

If oil mist is generated, exposure limits apply. (See Section 8.)

# 3. HAZARDS IDENTIFICATION

--- EMERGENCY OVERVIEW ---

APPEARANCE / ODOR

Amber to brown liquid / mild petroleum hydrocarbon odor.

OSHA REGULATORY STATUS

This material is not known to be hazardous as defined under OSHA regulations.

HMIS RATING Health: 1; Flammability: 1; Physical Hazard: 0. NFPA RATING Health: 1; Flammability: 1; Instability: 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

Flash Point (typical) : 482 F (250 C) (SAE 30)

495 F (257 C) (SAE 40)

444 F (229 C) (SAE 15W-40)

Method : COC.

Autoignition : Not Available

Extinguishing Media

Water Spray, Foam, Dry Chemical, CO2.

#### Fire Fighting Instructions

Water or foam may cause frothing. Use water to keep fire-exposed 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 protection where necessary to maintain exposures below acceptable limits. Proper respirator selection should be determined by adequately trained personnel and based on the contaminant(s), the degree of potential exposure, and published respirator protection factors.

Protective Gloves: Should be worn when the potential exists for prolonged or repeated skin contact. NBR or Neoprene recommended.

Eye/Face Protection: Safety glasses with side shields if splashing is probable.

Other Protective Equipment: Coveralls with long sleeves if splashing is probable. Launder contaminated clothing before reuse.

Other Precautions: Avoid any prolonged or repeated skin contact with "used" motor oil. Wash thoroughly with soap and water after contact.

#### Applicable Exposure Limits

If oil mist is generated, exposure limits apply.

(OSHA)

: 5 mg/m3, 8 Hr. TWA

: 5 mg/m3, 8 Hr. TWA, STEL 10 mg/m3 TLV (ACGIH) 

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Data

Appearance : Amber to brown liquid

: Mild petroleum hydrocarbon Odor

: Not available. Boiling Point

: Nil Vapor Pressure

: >1 (Air = 1)Vapor Density

: Nil % Volatiles

Evaporation Rate : Nil : Insoluble : Specific Gravity : 0.88 @ 60 F (16 C) Pounds Per Gallon : 7.3 @ 60 F (16 C)

Viscosity (typical) : cSt @ 40 C cSt @ 100 C 30 90 10.4 40 124 13.0 15W-40 113

10. STABILITY AND REACTIVITY

Chemical Stability

Stable at normal temperatures and storage conditions.

Conditions to Avoid

Heat, sparks, and flames.

Incompatibility with Other Materials

Incompatible or can react with oxidizers.

Normal combustion forms carbon dioxide; incomplete combustion may produce carbon monoxide.

Polymerization

Polymerization will not occur.

\_\_\_\_\_

#### 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.

Following information based on minor components or similar material when tested in undiluted form:

ACUTE TOXICITY -

Oral Toxicity: LD50 >5000 mg/kg (rats) Dermal Toxicity: LD50 >2000 mg/kg (rabbits) Eye Irritation: Weak to moderate eye irritant.

Inhalation: Mists or vapors may cause irritation. .

#### 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 containers should be disposed of in an environmentally safe manner.

#### TRANSPORTATION INFORMATION

Shipping Information

DOT: Not regulated. IATA/IMDG: 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 : No Chronic : No Reactivity: No

#### : No Pressure

#### 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).

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).

Ingredient

: Petroleum Hydrocarbons.

Reportable Quantity

: Film or sheen upon or discoloration of

any water surface.

### State Regulations (U.S.)

CALIFORNIA "PROP 65"

This material may contain trace amount(s) of an ingredient(s) 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 ingredients subject to the Act. Non-hazardous ingredient information is withheld as a trade secret in accordance with Section 11 of the Act.

#### 16. OTHER INFORMATION

This product or any other hydrocarbon-based lubricant should not be used in non-diaphragm compressors that produce "breathing air" unless the outlet is monitored continuously for carbon monoxide. These lubricants can produce carbon monoxide when subjected to high temperatures.

\_\_\_\_\_\_

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

Prepared By

: DNA - SHE

Address

>

: Conoco Inc. : PO Box 2197

Telephone

: Houston, TX 77252 : 1-281-293-5550

# Indicates updated section.

End of MSDS

tate of New Mexico Minerals and Natural Resources 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87419 AN 0 3 2005 Oil Conservation Division 1220 South St. Francis Dr. 1220 S. St. Francis Dr., Santa Fe, NM 87505 NM 87505 OIL CONSERVATION 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:	Lighteror: Compressor Systems Inc.
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: Twin Wash
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 13, T30N, R13W, San Juan County	Project #01038-034
9. <u>Circle One</u> :	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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 claapproved</li> </ul>	ecessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transp	port.
BRIEF DESCRIPTION OF MATERIAL:	
Accept soil stained with virgin motor oil from when vandals cut a line on a	a bulk tank.
CWS and MSDS attached.	
	•
Estimated Volumecy Known Volume (to be entered by the operator at the en	nd of the haul)cy
SIGNATURE   Waste Management Facility Authorized Agent  TITLE: Landfarm Management	ager DATE: December 27, 2004
TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (50	05) 632-0615
Trius apane for state trees.	
APPROMED BY DELLY COLUMN THE EWILL OF	(Emg/c) DATE (2/156/64)
APPROVED BY	DATE OF THE

Envirotech must furnish legible, reprodicable

CWS. W.11 turn them down in the future

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

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division

Form C-138 Revised March 17, 1999

> Submit Original Plus 1 Copy to Appropriate District Office

1220 South St. Francis Dr. Santa Fe, NM-87505

REQUEST FOR APPROVAL TO A SOLID WASTE 1. RCRA Exempt: Non-Exempt: erator: Compressor Systems Inc. Verbal Approval Received: Yes  $\square$ 5. Originating Site: Twin Wash 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) Sec 13, T30N, R13W, San Project #01038-034 Juan County 9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved All transporters must certify the wastes delivered are only those consigned for transport. BRIEF DESCRIPTION OF MATERIAL: Accept soil stained with virgin motor oil from when vandals cut a line on a bulk tank. CWS and MSDS attached. Known Volume (to be entered by the operator at the end of the haul) Estimated Volume \_\_ SIGNATURE TITLE: Landfarm Manager DATE: December 27, 2004 Waste Management Facility Authorized Agent TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (505) 632-0615 (This space for State Use) TITLE: Enviro / Figs

TITLE:

DATE



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

#### **BILL RICHARDSON**

Governor Joanna Prukop Cabinei Secretary



Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTESTATUS

1. Generator Name and Address,	2. Destination-Name
Compilessay systems inc.	Envirotech Inc. Soil Remediation Facility
	Landfarm #2
P.O. BOX #856 \$	Hilltop, New Mexico
Obout-bl. Www Attell -	
3. Originating Site (name):	ocation of the Waste (Street address &/or ULSTR):
Thom wash see By 1300/	ROW
attach list of originating sites as appropriate	
4. Source and Description of Waste	
New oil From Bulk Tourk	Wandals Cut linear,
TOURK CAUSING 150 OF NOU	Poil torunon ground
i Thital Danies	representative for:
Print Name	
Comment of the same	
Conservation and Recovery Act (RCRA) and Environmental Protection	do hereby certify that, according to the Resource
described waste is: (Check appropriate classification)	regulary determination, the above
EXEMPT oilfield wasteNON-EXEMP	T 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 -haza	ardous waste defined above.
For NON-EXEMPT waste the following documentation is attached (che	•• •
	(description
RCRA Hazardous Waste Analysis Chain of Custody	
Chain of Custody	
This waste is in compliance with Regulated Levels of Naturally Occu	rring Radioactive Material (NORM) pursuant to 20
VMAC 3.1 subpart 1403.C and D.	
Name (Original Signature): /// / / / / / / / / / / / / / / / / /	
Pitle: (31)	
Phone Number: 500 300 300 100 100 100 100 100 100 100 1	•
Date: 12.2.7.11	





#### EL MAR 3000 ENGINE OIL

CHEMICAL PRODUCT/COMPANY IDENTIFICATION

EL MAR 3000 ENGINE OIL

MSDS Code: MOTC0070

Revised: 08-August-2002

"EL MAR" is a registered trademark of Conoco.

Product Use: Natural Gas Engine Oil

30, 40, 15W-40 Grade:

MANUFACTURER/DISTRIBUTOR

Conoco Inc. P.O. Box 2197 Houston, TX 77252

PHONE NUMBERS

Product Information: 1-281-293-5550

Transport Emergency: CHEMTREC 1-800-424-9300 (U.S. & Canada)

1-703-527-3887 (international; call collect)

Medical Emergency: 1-800-342-5119 or 1-281-293-5119

URL www.conoco.com

COMPOSITION/INFORMATION ON INGREDIENTS

CAS Numbers Components 응 Highly refined base oils 64741-88-4 15-95 64741-89-5 0-65

Proprietary additives

If oil mist is generated, exposure limits apply. (See Section 8.)

# 3. HAZARDS IDENTIFICATION

--- EMERGENCY OVERVIEW ---

APPEARANCE / ODOR

Amber to brown liquid / mild petroleum hydrocarbon odor.

OSHA REGULATORY STATUS

This material is not known to be hazardous as defined under OSHA regulations.

HMIS RATING Health: 1; Flammability: 1; Physical Hazard: Health: 1; Flammability: 1; NFPA RATING Instability:

Potential Health Effects

Primary Route of Entry: Skin

The product, as with many petroleum products, may cause minor skin,

# 47 .8

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

Flash Point (typical) : 482 F (250 C) (SAE 30)

495 F (257 C) (SAE 40)

444 F (229 C) (SAE 15W-40)

Method

: COC.

Autoignition

: Not Available

Extinguishing Media

Water Spray, Foam, Dry Chemical, CO2.

#### Fire Fighting Instructions

Water or foam may cause frothing. Use water to keep fire-exposed 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 protection where necessary to maintain exposures below acceptable limits. Proper respirator selection should be determined by adequately trained personnel and based on the contaminant(s), the degree of potential exposure, and published respirator protection factors.

Protective Gloves: Should be worn when the potential exists for prolonged or repeated skin contact. NBR or Neoprene recommended.

Eye/Face Protection: Safety glasses with side shields if splashing is probable.

Other Protective Equipment: Coveralls with long sleeves if splashing is probable. Launder contaminated clothing before reuse.

Other Precautions: Avoid any prolonged or repeated skin contact with "used" motor oil. Wash thoroughly with soap and water after contact.

#### Applicable Exposure Limits

If oil mist is generated, exposure limits apply.

(OSHA)

: 5 mg/m3, 8 Hr. TWA

(ACGIH) TLV \_\_\_\_\_\_

: 5 mg/m3, 8 Hr. TWA, STEL 10 mg/m3

#### PHYSICAL AND CHEMICAL PROPERTIES

Physical Data

: Amber to brown liquid Appearance

Odor

: Mild petroleum hydrocarbon

Boiling Point

: Not available.

Vapor Pressure

: Nil

Vapor Density

: >1 (Air = 1)

% Volatiles

: Nil

Evaporation Rate : Nil
Solubility in Water : Insoluble
Specific Gravity : 0.88 @ 60 F (16 C) Pounds Per Gallon

: 7.3 @ 60 F (16 C)

Viscosity (typical) 30

: cSt @ 40 C 90

cSt @ 100 C 10.4

40

124

13.0

15W-40

113 

#### 10. STABILITY AND REACTIVITY

#### Chemical Stability

Stable at normal temperatures and storage conditions.

#### Conditions to Avoid

Heat, sparks, and flames.

Incompatibility with Other Materials

Incompatible or can react with oxidizers.

#### Decomposition

Normal combustion forms carbon dioxide; incomplete combustion may produce carbon monoxide.

#### Polymerization

Polymerization will not occur.

### 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.

Following information based on minor components or similar material when tested in undiluted form:

ACUTE TOXICITY -

LD50 >5000 mg/kg (rats) Oral Toxicity: Dermal Toxicity: LD50 >2000 mg/kg (rabbits) Eye Irritation: Weak to moderate eye irritant.

Inhalation: Mists or vapors may cause irritation.

#### 12. ECOLOGICAL INFORMATION

Ecotoxicological Information

No specific aquatic data available for this product.

#### 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 containers should be disposed of in an environmentally safe manner.

#### 14. TRANSPORTATION INFORMATION

Shipping Information

Not regulated. DOT: IATA/IMDG: Not restricted.

#### 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

Acute : No : No Chronic Fire : No Reactivity : No

#### Pressure

#### 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).

Ingredient

: Petroleum Hydrocarbons.

Reportable Quantity

: Film or sheen upon or discoloration of

any water surface.

#### State Regulations (U.S.)

CALIFORNIA "PROP 65"

This material may contain trace amount(s) of an ingredient(s) 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 ingredients subject to the Act. Non-hazardous ingredient information is withheld as a trade secret in accordance with Section 11 of the Act.

#### 16. OTHER INFORMATION

NOTE: This product or any other hydrocarbon-based lubricant should not be used in non-diaphragm compressors that produce "breathing air" unless the outlet is monitored continuously for carbon monoxide. These lubricants can produce carbon monoxide when subjected to high temperatures.

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

Prepared By

: DNA - SHE

Address

: Conoco Inc.

: PO Box 2197

: Houston, TX 77252

Telephone

: 1-281-293-5550

# Indicates updated section.

End of MSDS

District I | 1625 N. French Dr., Hobbs, NM 88240 | Energy Minerals and Natural Resource | District II | Energy Minerals and Natural Resource | District III Energy Minerals and Natural Resources 1000 Rio Brazos Road, Aztec, NM 87410

1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
CONSERVATION
Santa Fe, NM 87505
CONSERVATION
Santa Fe, NM 87505

Form C-138 Revised March 17, 1999

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPR	OVAL TO ACCEP	T SOLID WASTE
1. RCRA Exempt: ☐ Non-Exempt: ☑		4. Generator: Conoco Phillips
Verbal Approval Received: Yes No	Per Denny Foust on	5. Originating Site: Maddox WN Federal #5
2. Management Facility Destination: Envirotech Soil Landfarm #2	Remediation Facility,	6. Transporter: TBA
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) "A" San Juan County	Sec 24, T30N, R13W,	Project #96052-206
9. Circle One:		
A. All requests for approval to accept oilfield exempt wone certificate per job.     B. All requests for approval to accept non-exempt waste material is not-hazardous and the Generator's certific approved	es must be accompanied by ne	cessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are or	nly those consigned for transp	ort.
BRIEF DESCRIPTION OF MATERIAL:		
Accept soil stained with lube oil due to vandal ground.	ism, where the day tank	valve was opened spilling the oil to the
CWS and MSDS attached.		
Estimated Volumecy Known Volume (to be e	ntered by the operator at the e	end of the haul)cy
SIGNATURE Waste Management Facility Authorized Agent	TITLE: Landfarm Mana	ger DATE: December 13, 2004
TYPE OR PRINT NAME: Brandon Powell	TELEPHONE NO: (50)	5) 632-0615
APPROVED BY: APPRO	TITLE ENVIRO	DATE: 12//3/04

District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District IU

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. c Santa Fe, NM 87505

Form C-138 Revised March 17, 1999

Submit Original Plus 1 Copy to Appropriate District Office

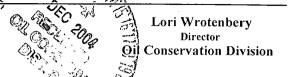
REQUEST FOR APPROVAL TO ACCEP	. 1100
1. RCRA Exempt: Non-Exempt:	4. Generator: Conoco Phillips
Verhal Approval Received: Yes No Per Denny Foust on 12/13/04	5. Originating Site: Maddox WN Federal #5
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) "A" Sec 24, T30N, R13W, San Juan County	Project #96052-206
9. Circle One:	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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 cla approved</li> <li>All transporters must certify the wastes delivered are only those consigned for transporters.</li> </ul>	ecessary chemical analysis to PROVE the assified hazardous by listing or testing will be
BRIEF DESCRIPTION OF MATERIAL:	·
Accept soil stained with lube oil due to vandalism, where the day tank ground.  CWS and MSDS attached.	k valve was opened spilling the oil to the
CWS and MSDS attached.	
Estimated Volumecy Known Volume (to be entered by the operator at the	end of the haul)cy
SIGNATURE Waste Management Facility Authorized Agent  TITLE: Landfarm Management Facility Authorized Agent	ager DATE: December 13, 2004
TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (50	<u>95) 632-0615</u>
(This space for State Use)	ena (al-pai)
APPROVED BY: Weny Tourt TITLE: Enviro/	Fight DATE: 12/13/04
APPROVED BY:	DATE:



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

#### **BILL RICHARDSON**

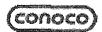
Governor
Joanna Prukop
Cabinet Secretary



CERTIFICATE OF WASTE STATUS.

	The state of the s	
	Generator Name and Address	2. Destination Name:
	ConocoPhillips Company	Envirotech Inc. Soil Remediation Facility
	5525 Hwy. 64	Landfarm #2
	Farmington, NM 87401	Hilltop, New Mexico
	3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
	Maddox WN Federal #5	Unit A, Section 24, T30N, R13W
		1080' FNL & 1215' FEL
	API # 30-045-30338	San Juan County, New Mexico
	attach list of originating sites as appropriate	5 th
	4. Source and Description of Waste	
	_	lube oil due to vandalism, where the day tank valve was
	opened spilling the oil to the ground.	,
1.	Monica D. Olson	representative for:
·	Print Name	1
	C	
<u> </u>	ConocoPhillips Company	do hereby certify that, according to the Resource  1 Protection Agency's July, 1988, regulatory determination, the above
	ed waste is: (Check appropriate classification)	1 Protection Agency's July, 1988, regulatory determination, the above
iesci io	ed waste is. (Cheek appropriate classification)	
I	EXEMPT oilfield waste X	NON-EXEMPT oilfield waste which is non-hazardous by characteristic
^		llysis or by product identification
and that	t nothing has been added to the exempt or non-exemp	ot non –hazardous waste defined above.
	AN THE PROPERTY AND A SECOND COMMENTS OF THE PROPERTY OF THE P	W 1 1/1 1 2 2 2 2
or NU	N-EXEMPT waste the following documentation is a	
	X MSDS Information	Other (description
•	RCRA Hazardous Waste Analysis Chain of Custody	
	Chair of Custody	
This wa	aste is in compliance with Regulated Levels of Nat	turally Occurring Radioactive Material (NORM) pursuant to 20
	3.1 subpart 1403.C and D.	arrany Securing Additioners of Autorian (170 Atria) pursuant to 20
	Maria Co O. a.	
Name (	Original Signature): MMCL O Oben	
(		
Γitle:	HSE & Regulatory Technician	· · · · · · · · · · · · · · · · · · ·
	505 500 2450	
Phone l	Number: 505-599-3458	
Date:	December 10, 2004	
Date:_	December 10, 2004	

(MSDS: 790927) Page 1 of 7



# MATERIAL SAFETY DATA SHEET Conoco HD Fleet Engine Oil 10W, 20W-20, 30, 40, 50

#### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** 

Conoco HD Fleet Engine Oil 10W, 20W-20, 30, 40, 50

**Product Code:** 

46210, 46220, 46243, 46240, 46250

Synonyms:

Conoco MSDS #MOTC0090

Conoco HD Fleet Engine Oil 10W Conoco HD Fleet Engine Oil 20W-20 Conoco HD Fleet Engine Oil 30 Conoco HD Fleet Engine Oil 40 Conoco HD Fleet Engine Oil 50

Intended Use:

Crankcase oil

**Chemical Family:** 

Petroleum hydrocarbon

Responsible Party:

Conoco Lubricants

A Division of ConocoPhillips 600 N. Dairy Ashford Houston, TX 77079-1175

For Additional MSDSs 800-762-0942 Technical Information: 800-435-7761

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

#### **EMERGENCY OVERVIEW**

#### 24 Hour Emergency Telephone Numbers:

Spill, Leak, Fire or Accident

Call CHEMTREC

North America: (800)424-9300 Others: (703)527-3887 (collect) California Poison Control System: (800) 356-3129

**Health Hazards/Precautionary Measures:** Causes eye irritation. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

Physical Hazards/Precautionary Measures: Keep away from all sources of ignition.

Appearance:

Clear brown

Physical form:

Liquid

Odor:

Characteristic petroleum

#### NFPA Hazard Class:

#### **HMIS Hazard Class**

Health:1 (Slight)Health:1 (Slight)Flammability:1 (Slight)Reactivity:0 (Least)Physical Hazard:0 (Least)

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

**HAZARDOUS COMPONENTS** 

% VOLUME

**EXPOSURE GUIDELINE** 

Limits

Agency

**Type** 

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Zinc Compound CAS# Proprietary

1.0-1.5

Not Established

OTHER COMPONENTS	% VOLUME	EXPOSURE	GUIDELINE	
· ·		Limits	<u>Agency</u>	<u>Type</u>
Lubricant Base Oil (Petroleum) CAS# Various	87-91	(See: Oil Mist,	If Generated)	
Additives CAS# Proprietary	9-13	Not Established		

REFERENCE	EXPOSURE GUIDELINE		
	<u>Limits</u>	Agency	<u>Type</u>
Oil Mist, If Generated CAS# None	5 mg/m3 10 mg/m3	ACGIH ACGIH	TWA STEL
e, ien riene	5 mg/m3	OSHA	TWA
	2500 mg/m3	NIOSH	IDLH
	5 mg/m3	NOHSC	AWT

The base oil for this product can be a mixture of any of the following highly refined petroleum streams: CAS 64741-88-4; CAS 64741-89-5; CAS 64741-96-4; CAS 64741-97-5; CAS 64742-01-4; CAS 64742-52-5; CAS 64742-53-6; CAS 64742-54-7; CAS 64742-55-8; CAS 64742-56-9; CAS 64742-57-0; CAS 64742-62-7; CAS 64742-63-8; CAS 64742-65-0; CAS 72623-85-9; CAS 72623-86-0; CAS 72623-87-1

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

1%=10,000 PPM.

All components are listed on the TSCA inventory.

#### 3. HAZARDS IDENTIFICATION

#### Potential Health Effects:

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

**Skin:** Contact may cause mild skin irritation including redness, and a burning sensation. Prolonged or repeated contact can worsen irritation by causing drying and cracking of the skin leading to dermatitis (inflammation). No harmful effects from skin absorption are expected.

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

Ingestion (Swallowing): No harmful effects expected from ingestion.

**Signs and Symptoms:** Effects of overexposure may include irritation of the nose and throat, irritation of the digestive tract, nausea and diarrhea.

Cancer: Inadequate evidence available to evaluate the cancer hazard of this material. See Section 11 for carcinogenicity information of individual components, if any.

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Target Organs: No data available for this material.

**Developmental:** No data available for this material.

Pre-Existing Medical Conditions: Conditions aggravated by exposure may include skin

disorders.

#### 4. FIRST AID MEASURES

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

**Skin:** Wipe material from skin and remove contaminated shoes and clothing. Cleanse affected area(s) thoroughly by washing with mild soap and water and, if necessary, a waterless skin cleanser. If irritation or redness develops and persists, seek medical attention.

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

**Ingestion (Swallowing):** First aid is not normally required; however, if swallowed and symptoms develop, seek medical attention.

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

#### 5. FIRE FIGHTING MEASURES

Flammable Properties: Flash Point: >338°F/>170°C (PMCC)

OSHA Flammability Class: Not applicable

LEL/UEL%: No Data

Autoignition Temperature: No Data

**Unusual Fire & Explosion Hazards:** This material may burn, but will not ignite readily. Vapors are heavier than air and can accumulate in low areas. If container is not properly cooled, it can rupture in the heat of a fire.

**Extinguishing Media:** Dry chemical, carbon dioxide, foam, or water spray is recommended. Water or foam may cause frothing of materials heated above 212°F. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces.

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

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

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

#### 6. ACCIDENTAL RELEASE MEASURES

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This material may burn, but will not ignite readily. Keep all sources of ignition away from spill/release. Stay upwind and away from spill/release. Notify persons down wind of the spill/release, isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done with minimal risk. Wear appropriate protective equipment including respiratory protection as conditions warrant (see Section 8).

Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems, and natural waterways. Dike far ahead of spill for later recovery or disposal. Spilled material may be absorbed into an appropriate absorbent material.

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

#### 7. HANDLING AND STORAGE

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

Do not wear contaminated clothing or shoes. Use good personal hygiene practices.

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

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

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

**Storage:** Keep container(s) tightly closed. Use and store this material in cool, dry, well-ventilated areas away from heat and all sources of ignition. Storage temperatures above 113°F may lead to thermal decomposition, resulting in the generation of hydrogen sulfide and other sulfur containing gases. Store only in approved containers. Keep away from any incompatible material (see Section 10). Protect container(s) against physical damage.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering controls:** If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits (see Section 2), additional engineering controls may be required.

#### Personal Protective Equipment (PPE):

**Respiratory:** A NIOSH certified air purifying respirator with a Type 95 (R or P) particulate filter may be used under conditions where airborne concentrations are expected to exceed exposure limits (see Section 2).

Protection provided by air purifying respirators is limited (see manufacturer's respirator selection guide). Use a NIOSH approved self-contained breathing apparatus (SCBA) or equivalent operated in a pressure demand or other positive pressure mode if there is potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

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**Skin:** The use of gloves impervious to the specific material handled is advised to prevent skin contact and possible irritation (see manufacturers literature for information on permeability).

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

Other Protective Equipment: A source of clean water should be available in the work area for flushing eyes and skin. Impervious clothing should be worn as needed.

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

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Note: Unless otherwise stated, values are determined at 20°C (68°F) and 760 mm Hg (1 atm).

Appearance: Clear brown Physical State: Liquid

Odor: Characteristic petroleum

pH: Not applicable

Vapor Pressure (mm Hg): <1 Vapor Density (air=1): >1 Boiling Point/Range: No Data Freezing/Melting Point: No Data Solubility in Water: Negligible Specific Gravity: 0.87-0.89 Percent Volatile: Negligible Evaporation Rate (nBuAc=1): <1

Viscosity: 6.0-21.0 cSt @ 100°C /40-214 cSt @ 40°C

Bulk Density: 7.24-7.41 lbs/gal Flash Point: >338°F / >170°C (PMCC) Flammable/Explosive Limits (%): No Data

#### 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

Conditions To Avoid: Extended exposure to high temperatures can cause decomposition.

**Materials to Avoid (Incompatible Materials):** Avoid contact with acids, halogens, halogenated compounds and strong oxidizing agents.

**Hazardous Decomposition Products:** Combustion can yield carbon, nitrogen, sulfur, phosphorus and zinc oxides. Hydrogen sulfide and alkyl mercaptans may also be released.

Hazardous Polymerization: Will not occur.

#### 11. TOXICOLOGICAL INFORMATION

#### Lubricant Base Oil (Petroleum) (CAS# Various)

**Carcinogenicity:** The petroleum base oils contained in this product have been highly refined by a variety of processes including solvent extraction, hydrotreating, and dewaxing to remove aromatics and improve performance characteristics. None of the oils used are listed as a carcinogen by NTP, IARC, or OSHA.

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#### 12. ECOLOGICAL INFORMATION

Not evaluated at this time

#### 13. DISPOSAL CONSIDERATIONS

This material under most intended uses would become used oil due to contamination by physical or chemical impurities. RECYCLE ALL USED OIL. While being recycled, used oil is regulated by 40 CFR 279. Use resulting in chemical or physical change or contamination may also subject it to regulation as hazardous waste. Under federal regulations, used oil is a solid waste managed under 40 CFR 279. However, in California, used oil is managed as hazardous waste until tested to show it is not hazardous. Consult state and local regulations regarding the proper handling of used oil. In the case of used oil, the intent to discard it may cause the used oil to be regulated as hazardous waste.

Contents should be completely used and containers emptied prior to discard. Rinsate may be considered a RCRA hazardous waste and must be disposed of with care and in compliance with federal, state and local regulations. Large empty containers, such as drums, should be returned to the distributor or a drum reconditioner. To assure proper disposal of small empty containers, consult with state and local regulations and disposal authorities.

#### 14. TRANSPORT INFORMATION

**DOT Shipping Description:** 

Not classified as hazardous

#### 15. REGULATORY INFORMATION

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

Acute Health:

Yes

**Chronic Health:** 

No

Fire Hazard:

No

Pressure Hazard:

No

Reactive Hazard: No

#### SARA 313 and 40 CFR 372:

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

Component

**CAS Number** 

Weight %

Zinc Compound

Proprietary

1.0-1.5

#### California Proposition 65:

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

Component

**Effect** 

Arsenic and Inorganic Arsenic Compounds.

Benzene

Cancer and Developmental Toxicant

Cadmium and Cadmium Compounds

Cancer, Developmental and Reproductive Toxicant Cancer, Developmental and Reproductive Toxicant

Lead and Lead Compounds

Cancer, Developmental and Reproductive Toxicant

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

#### Carcinogen Identification:

This material has not been identified as a carcinogen by NTP, IARC, or OSHA. See Section 11 for

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carcinogenicity information of individual components, if any. Used motor oil has been identified as a possible skin carcinogen by IARC.

#### **EPA (CERCLA) Reportable Quantity:**

--None--

Canada - Domestic Substances List: Listed

#### WHMIS Class:

Not regulated

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

#### 16. OTHER INFORMATION

Issue Date: 02/26/03

Previous Issue Date: 07/19/02

Product Code: 46210, 46220, 46243, 46240, 46250

**Revised Sections: New Format** 

Previous Product Code: 46210, 46220, 46243, 46240, 46250

MSDS Number: 790927

Status: Final

#### Disclaimer of Expressed and Implied Warranties:

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

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 Energy Minerals and Natural Resources

NOV 2 2 2004

Submit Original Plus 1 Copy to Appropriate District Office

Form C-138 Revised March 17, 1999

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

OIL CONSERVATION

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☑	4. Generator: Halliburton Energy Services		
Verbal Approval Received: Yes ⊠ No ☐ Per Denny Foust on 11/15/04	5. Originating Site: Vehicle Rollover		
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) SWNW Sec. 6, T33N, R8W, La Plata County, Colorado	Project # 92132-030		
<ul> <li>9. Circle One: <ul> <li>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.</li> <li>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</li> </ul> </li> </ul>			
All transporters must certify the wastes delivered are only those consigned for transp	ort.		
BRIEF DESCRIPTION OF MATERIAL:			
Diesel fuel contaminated soil resulting from a truck rollover.  CWS and MSDS attached  Estimated Volumecy Known Volume (to be entered by the operator at the end of the haul)cy			
SIGNATURE 3 TITLE: Landfarm Manager DATE: November 19, 2004 Waste Management Facility Authorized Agent			
TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (505) 632-0615			
ADBREVED BY FERRY AND THE ENGINE ENGI	DATE 1/1/9/64		

<u>District.I</u> 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

Revised March 17, 1999

Submit Original Plus 1 Copy to Appropriate District Office

Form C-138

#### REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

	T SOME WINDIE
1. RCRA Exempt: Non-Exempt: Verbal Approval Received: Yes No	4. Generator: Halliburton Energy Services
Per Denny Foust on 11/15/04	5. Originating Site: Vehicle Rollover
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SIGNATURE Waste Management Facility Authorized Agent  TITLE: Landfarm Management Facility Authorized Agent	nger DATE: November 19, 2004
TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (505) 632-0615	
APPROVED BY: Derry Tout TITLE: Fauro / F.  APPROVED BY: TITLE: TITLE:	DATE: 11/19/045

16:48:02



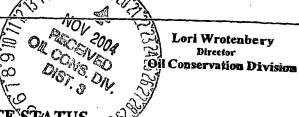
# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

#### **BILL RICHARDSON**

Governor

Joanna Prukop

Cabinet Secretary



CERTIFICATE OF WASTE STATUS,

	a la
1. Generator Name and Address	2. Destination Name:
Halliburton Energy Services	Envirotech Inc. Soil Remediation Facility
4109 E. Main	Landfarm #2
4109 E. Main Farminaton, NM 87402  3. Originating Site (name):  SWNW	Hilltop, New Mexico
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
Innitude SWNW	Sec. 6 T33N R8W
	011 6 1
attach list of originating sites as appropriate	. Plata County CO
4. Source and Description of Waste	
Diesel fuel contaminated soil re	sulting from a truck roll over
. Gary Winn Print Name	representative for :
<b>3</b>	
Conservation and Recovery Act (RCRA) and Environmental Protection	do hereby certify that according to the December
onservation and Recovery Act (RCRA) and Environmental Protection	Agency's July, 1988, regulatory determination, the above
escribed waste is: (Check appropriate classification)	
EXEMPT oilfield waste X NON-EXEMP	T oilfield waste which is non-hazardous by characteristic
analysis or b	y product identification
and the state of the second se	inadana mada 1.00 . 1.3
nd that nothing has been added to the exempt or non-exempt non -haz	ardous waste defined above.
or NON-EXEMPT waste the following documentation is attached (ch	eck appropriate items).
MSDS InformationOthe	r (description
RCRA Hazardous Waste Analysis	
Chain of Custody	
his waste is in compliance with Regulated Levels of Naturally Occi	erring Radioactive Material (NORM) purposent to 20
MAC 3.1 subpart 1403.C and D.	——————————————————————————————————————
Jan III	
ame (Original Signature):	•
HE Technical Professional	
hone Number: 505 - 324 -3540	
ate: 11-16-04	



#### MATERIAL SAFETY DATA SHEET Phillips No. 2 Diesel

#### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** 

Phillips No. 2 Diesel

**Product Code:** 

Multiple

Synonyms:

#2 Distillate; #2 HIgh Sulfur Diesel - Dyed; #2 Low Sulfur Diesel - Dyed

CARB Diesel TF3; CARB Diesel; CARB Diesel 10%

Diesel Fuel Oil

EPA Low Sulfur Diesel Fuel EPA Low Sulfur Diesel Fuel - Dved EPA Off Road High Sulfur Diesel - Dved

High Sulfur Diesel Fuel Low Sulfur Diesel Fuel No. 2 Diesel Fuel Oil

No. 2 High Sulfur Diesel - Dved No. 2 Low Sulfur Diesel - Dved No. 2 Low Sulfur Diesel - Undyed No. 2 Low Sulfur Distillate

No. 2 Ultra Low Sulfur Diesel - Dved

No. 2 Ultra Low Sulfur Diesel - Undyed

Intended Use:

Fuel

**Chemical Family:** 

Petroleum Hydrocarbons

Responsible Party:

Phillips 66

A Division of ConocoPhillips Bartlesville, Oklahoma 74007

For Additional MSDSs 800-762-0942 Technical Information: 918-661-8327

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

#### **EMERGENCY OVERVIEW**

#### 24 Hour Emergency Telephone Numbers:

Spill, Leak, Fire or Accident

California Poison Control System: (800) 356-3129

Call CHEMTREC North America: (800)424-9300

Others: (703)527-3887 (collect)

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

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

Appearance:

Straw-colored to dyed red

Physical form:

Liquid

Odor:

Characteristic petroleum

(MSDS: 001847) Page 2 of 8

#### NFPA Hazard Class:

#### **HMIS Hazard Class**

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

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

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS	% VOLUME	<b>EXPOSURE</b>	GUIDELINE	
		<u>Limits</u>	Agency	Type
Diesel Fuel No. 2 CAS# 68476-34-6	100	100 mg/m3	ACGIH	TWA-SKIN
Naphthalene CAS# 91-20-3	<1	10 ppm 15 ppm 10 ppm 250 ppm	ACGIH ACGIH OSHA NIOSH	TWA STEL TWA IDLH

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

1%=10,000 PPM.

All components are listed on the TSCA inventory.

#### 3. HAZARDS IDENTIFICATION

#### Potential Health Effects:

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

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

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

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

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

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

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

Developmental: Inadequate data available for this material.

<sup>\*</sup>Indicates possible chronic health effects.

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

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

#### 4. FIRST AID MEASURES

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

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

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

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

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

#### 5. FIRE FIGHTING MEASURES

Flammable Properties:

Flash Point: 125-180°F/52-82°C (PMCC)

OSHA Flammability Class: Combustible liquid

LEL%: 0.3 / UEL%: 10.0

Autoignition Temperature: 500°F/260°C

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

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

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

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

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

#### 6. ACCIDENTAL RELEASE MEASURES

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

Stay upwind and away from spill/release. Notify persons down wind of the spill/release, isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done with minimal risk. Wear appropriate protective equipment including respiratory protection as conditions warrant (see Section 8).

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

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

#### 7. HANDLING AND STORAGE

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

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

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

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

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

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

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

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#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

#### Personal Protective Equipment (PPE):

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

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

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

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

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

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

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

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Note: Unless otherwise stated, values are determined at 20°C (68°F) and 760 mm Hg (1 atm).

Appearance: Straw-colored to dyed red

Physical State: Liquid

Odor: Characteristic petroleum

pH: Not applicable

Vapor Pressure (mm Hg): 0.40 Vapor Density (air=1): >3

Boiling Point/Range: 300-690°F / 366 Freezing/Melting Point: No Data Solubility in Water: Negligible Specific Gravity: 0.81-0.88 @60°F Percent Volatile: Negligible Evaporation Rate (nBuAc=1): <1

Viscosity: 1.7-4.1 cSt @40°F Bulk Density: 7.08 lbs/gal

Flash Point: 125-180°F / 52-82°C (PMCC)

Flammable/Explosive Limits (%): LEL: 0.3 / UEL: 10.0

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#### 10. STABILITY AND REACTIVITY

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

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

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

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

Hazardous Polymerization: Will not occur.

#### 11. TOXICOLOGICAL INFORMATION

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

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

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

#### Naphthalene (CAS# 91-20-3)

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

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

#### 12. ECOLOGICAL INFORMATION

Not evaluated at this time

#### 13. DISPOSAL CONSIDERATIONS

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

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

#### 14. TRANSPORT INFORMATION

**DOT Shipping Description:** 

Diesel fuel,3 or Combustible liquid\*,UN1202\*\*,III

Non-Bulk Package Marking:

Diesel fuel, UN1202\*\* or None

Non-Bulk Package Label:

Flammable or None

Bulk Package Placard/Marking: Flammable/1202

Hazardous Substance/RQ

None

**Packaging References** 

49 CFR 173.150, 173.203, 173.241

**Emergency Response Guide:** 

128

Note:

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

packages.

#### 15. REGULATORY INFORMATION

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

**Acute Health:** 

Yes

**Chronic Health:** 

Yes

Fire Hazard:

Yes

Pressure Hazard:

No

Reactive Hazard:

Nο

#### SARA 313 and 40 CFR 372:

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

Component

**CAS Number** 

Weight %

Naphthalene

91-20-3

<1

#### California Proposition 65:

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

Component

Effect

Benzene Toluene

Cancer, Developmental and Reproductive Toxicant

**Developmental Toxicant** 

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

#### Carcinogen Identification:

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

<sup>\*\*</sup>NA1993 may be used instead of UN1202 for land transportation.

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#### **EPA (CERCLA) Reportable Quantity:**

--None--

Canada - Domestic Substances List: Listed

#### WHMIS Class:

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

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

#### 16. OTHER INFORMATION

Issue Date: 02/13/03

Previous Issue Date: 01/01/03 Product Code: Multiple Revised Sections: 1, 3, 5, 16 Previous Product Code: Multiple

MSDS Number: 001847

Status: Final

#### Disclaimer of Expressed and Implied Warranties:

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



State of New Mexico Energy Minerals and Natural Resources

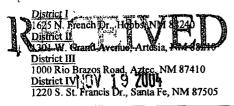
> Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-138 Revised March 17, 1999

Submit Original Plus 1 Copy to Appropriate District Office

On Conservation Division

1220 S. Saint FranciREQUEST FOR APPROVAL TO ACCEI	PT SOLID WASTE
Santa Fe, NM 87505  1. RCRA Exempt: Non-Exempt:   1//6/04   SF  Verbal Approval Received: Yes No   No	4. Generator: Key Pressure Pumping Services
Verbal Approval Received: Yes No 🖂	5. Originating Site: Hwy 141 Mile Marker 121 Colorado
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Riley's Industrial
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) Hwy 141 Mile Marker 121 Colorado	Project # 04190-001
9. Circle One:	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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 classification of origin.</li> </ul>	ecessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transporters	port.
BRIEF DESCRIPTION OF MATERIAL:  Accept vehicle oil contaminated soil  Estimated Volume 2 cy Known Volume (to be entered by the operator at the	end of the haul)cy
SIGNATURE Signature TITLE: Landfarm Man Waste Management Facility Authorized Agent	ager DATE: November 16, 2004
TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (505) 632-	<u>-0615</u>
TARDICON BUILD TO THE PROPERTY OF THE PROPERTY	DATE: 14/16/04



#### 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

Santa i C, itivi 07303	
On Conservation Division 1220 S. Saint FranciPie QUEST FOR APPROVAL TO ACCEP	PT SOLID WASTE
Santa Fe, NM 87505  1. RCRA Exempt: Non-Exempt:   11/16/04   ST  Verbal Approval Received: Yes No No	4. Generator: Key Pressure Pumping Services
Verbal Approval Received: Yes No 🖂	5. Originating Site: Hwy 141 Mile Marker 121 Colorado
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7. Location of Material (Street Address or ULSTR) Hwy 141 Mile Marker 121 Colorado	Project # 04190-001
9. Circle One:	
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 transporters DESCRIPTION OF MATERIAL:  Accept vehicle oil contaminated soil	assified hazardous by listing or testing will be
Estimated Volume 2 cy Known Volume (to be entered by the operator at the	end of the haul)cy
SIGNATURE Substitution Signature Title: Landfarm Man Waste Management Facility Authorized Agent	ager DATE: November 16, 2004
TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (505) 632-	<u>-0615</u>
G(Pins), pace for Staid Gild.	PART BARE WILLIAM

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

REQUEST FOR AFFROVAL TO ACCEP	1 SOLID WASTE			
1. RCRA Exempt: Non-Exempt: No.	4. Generator: Key Pressure Pumping Services			
Verbal Approval Received: Yes ⊠ 'No ⊠	5. Originating Site: Hwy 141 Mile Marker 121 Colorado			
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Riley's Industrial			
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) Hwy 141 Mile Marker 121 Colorado	Project # 04190-001			
<ul> <li>9. <u>Circle One</u>:</li> <li>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.</li> <li>B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the</li> </ul>				
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	oort.			
BRIEF DESCRIPTION OF MATERIAL:  Accept vehicle oil contaminated soil  Estimated Volume 2 cv. Known Volume (to be entered by the operator at the entered by the entered b	State Parish and of the Parish			
Estimated Volume2 cy Known Volume (to be entered by the operator at the e	end of the haul)cy			
SIGNATURE Waste Management Facility Authorized Agent  TITLE: Landfarm Management Facility Authorized Agent	ager DATE: November 16, 2004			
TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (505) 632-0	<u>0615</u>			
(This space for State Use)				
APPROVED BY: Deing tem TITLE: Environt	DATE: 11/16/04			



## 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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	( ) ( )
1. Generator Name and Address	2. Destination Name?
1. Generator Name and Address Key Pressure flowers	Envirotech Inc. Soil Remediation Facility
a & Tucker	Landfarm #2
70 0	Hiltop, New Mexico
708 S. Tucker Forming & NY M	Timitop, New Mexico
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
Huy 141 - mm 12) - colorad	o '
Truck uneck	
attack list of originating sites as appropriate	
4 Source and Description of Waste	
4. Source and Description of Waste  1/2 yo - d & o - + a - ' - + -	soil mixs oil
I, Victor Movro- Print Name	representative for :
Nunc	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-EXEMI	PT oilfield waste which is non-hazardous by characteristic
analysis or t	by product identification
and that nothing has been added to the exempt or non-exempt non -haz	zardous waste defined above
	The state and the state of the
For NON-EXEMPT waste the following documentation is attached (chem SDS InformationOther RCRA Hazardous Waste AnalysisChain of Custody	neck appropriate items): er (description
This waste is in compliance with Regulated Levels of Naturally Occ NMA.C 3.1 subpart 1403.C and D.	urring Radioactive Material (NORM) pursuant to 20
Name (Original Signature):	
Title: Optraxions manager	
Phone Number: 505- 325- 4192	
Date: 11 - 8 - 0 4	

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



Client:	Key Pressure Pumping Services	Project #:	04190-001
Sample ID:	Spill Contaminated Soil	Date Reported:	11-11-04
Laboratory Number:	31182	Date Sampled:	11-09-04
Chain of Custody:	13266	Date Received:	11-09-04
Sample Matrix:	TCLP Extract	Date Analyzed:	11-11-04
Preservative:	Cool	Date Extracted:	11-10-04
Condition:	Cool & Intact	Analysis Needed:	TCLP metals

	Concentration	Det. Limit	Regulatory Level (mg/L)	
Parameter	(mg/L)	(mg/L)		
Arsenic	0.003	0.001	5.0	
Barium	0.051	0.001	100	
Cadmium	ND	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:

Analyst

Review Muller



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

Client:	N/A	Project #:	N/A
Sample ID:	11-11-TCM QA/QC	Date Reported:	11-11-04
Laboratory Number:	31182	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	, TCLP Metals	Date Analyzed:	11-11-04
Condition:	N/A	Date Extracted:	11-10 <b>-</b> 04

Blank & Duplicate Conc. (mg/L)	\$200 SAN SE 181 Z 171 SE	Method Blank	Detectio Limit	.3640703297322469738872754226		. % Différence	Acceptance Range
Arsenic	ND	ND	0.001	0.003	0.003	0.0%	0% - 30%
Barium	ND	ND	0.001	0.051	0.050	2.0%	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	ND	ND	0.0%	0% - 30%
Mercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Selenium	ND	ND	0.001	0.001	0.001	0.0%	0% - 30%
Silver	ND	ND	0.001	ND -	ND	0.0%	0% - 30%

Spike Conc. (mg/L)	Spike Added	Sample	e Spiked Sample		Acceptance Range
Arsenic	0.500	0.003	0.502	99.8%	80% - 120%
Barium	0.500	0.051	0.550	99.8%	80% - 120%
Cadmium	0.500	ND	0.500	100.0%	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	0.050	100.0%	80% - 120%
Selenium	0.500	0.001	0.500	99.8%	80% - 120%
Silver	0.500	ND	0.500	100.0%	80% - 120%

ND - Parameter not detected at the stated detection limit.

References:

Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, Dec. 1996

Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals,

SW-846, USEPA, December 1996.

Methods 6010B Analysis of Metals by Inductively Coupled Plasma-Atomic Emission,

SW-846, USEPA, December 1996.

Comments:

QA/QC for sample 31182.

Analyst

Review

### CHAIN OF CUSTODY RECORD

13266

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Client / Project Name			Project Location				1			1A	NAĻYSIS	S / PAR/	AMETE	RS			!
Key Pressure Pin	mping	Senlices					1		<del></del>		· ·						
Sampler:			Client No.				<u>S</u>						l		Remarks	i	
Jason Hold	den _		04190.	-001			No. of ontaine	2 2									
Sample No./	Sample Date	Sample Time	Lab Number		Sample Matrix		No. of Containers	TCLP Metals									
Spill Contaminated	,	Tittle	3/182	+				/		+				-			
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					(303)	<u> </u>	<del>/013</del>		·				C001	- Ice/Blue Ic	;e   /	1	

It I State of New Mexico Form C-138 Energy Minerals and Natural Resource Revised March 17, 1999 √0V 0 3 2004 Oil Conservation Divisian Submit Origina Plus 1 Copy 1000 Rio Brazos Road, Aztec, NM 87410 220 South St. Francis Dr. to Appropriate District Office Santa Fe, NM 875 REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE Generator: Conoco Phillips 1. RCRA Exempt: Non-Exempt: Verbal Approval Received: Originating Site: San Juan 30-5 #264A 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) "O" Sec 9, T30N, R5W, Project #96052-181 Rio Arriba County 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 All transporters must certify the wastes delivered are only those consigned for transport. **BRIEF DESCRIPTION OF MATERIAL:** Accept soil stained with diesel from a 50 gal. diesel spill that occurred when a fuel storage tank was overfilled. MSOS CWS attached. Known Volume (to be entered by the operator at the end of the haul) Estimated Volume ~5 cy SIGNATURE Z TITLE: Landfarm Manager DATE: November 1, 2004 TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (505) 632-0615 (This space for State U TITLE ENVIROLENCE DATE 11/01/04
TITLE ENVIROLENCE. DATE 11/3/04

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 20

Oil Conservation Division 1220 South St. Francis Di 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: No	4. Generator Conoco Phillips
Verbal Approval Received: Yes No 🖂	5. Originating Site: San Juan 30-5 #264A
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 9, T30N, R5W, Rio Arriba County	Project #96052-181
9. <u>Circle One</u> :	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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</li> </ul>	ecessary chemical analysis to PROVE the
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Estimated Volume _ ~5 cy Known Volume (to be entered by the operator at the operator)	end of the haul)cy
SIGNATURE 33 10 20 TITLE: Landfarm Mana Waste Management Facility Authorized Agent	nger DATE: November 1, 2004
TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (50	5) 632-0615
APPROVED BY: Dery Continue of TITLE: Hour of TITLE: APPROVED BY:	LEngy DATE: 1401/04 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**

	Generator Name and Address	2. Destination Name:
	ConocoPhillips Company	Envirotech Inc. Soil Remediation Facility
	5525 Hwy. 64	Landfarm #2
	Farmington, NM 87401	Hilltop, New Mexico
	3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
	San Juan 30-5 Unit #264A	Unit O, Section 9, T30N, R5W
		925' FSL & 1682' FEL
	API # 30-039-27772	Rio Arriba County, New Mexico
	attach list of originating sites as appropriate	
	4. Source and Description of Waste	
		from 50 gallon diesel spill that occurred when a fuel storage
	tank was overfilled.	
	D. O.I	
I,	Monica D. Olson  Print Name	representative for :
	ConocoPhillips Company	do horoby contifue that according to the December
Conser		do hereby certify that, according to the Resource tal Protection Agency's July,1988, regulatory determination, the above
	bed waste is: (Check appropriate classification)	and Protection Agoney's sary, 1900, regulatory determination, the above
	W.	
F		_NON-EXEMPT oilfield waste which is non-hazardous by characteristic nalysis or by product identification
and tha	at nothing has been added to the exempt or non-exen	
and ma	Thomas been added to the exempt of hon-exem	ipt non –nazardous waste defined above.
For <b>N</b> C	N-EXEMPT waste the following documentation is	s attached (check appropriate items):
	X 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.	
	M : 0 ~	
Name (	(Original Signature): MMUL W. USON	
	(Original Signature): MMCL O Oben  HSE & Regulatory Technician	
Title:_	HSE & Regulatory Technician	
Title:_ Phone		

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## MATERIAL SAFETY DATA SHEET Phillips No. 2 Diesel

#### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** 

Phillips No. 2 Diesel

**Product Code:** 

Multiple

Synonyms:

#2 Distillate; #2 HIgh Sulfur Diesel - Dyed; #2 Low Sulfur Diesel - Dyed

1354

CARB Diesel TF3; CARB Diesel; CARB Diesel 10%

Diesel Fuel Oil

EPA Low Sulfur Diesel Fuel

EPA Low Sulfur Diesel Fuel - Dyed EPA Off Road High Sulfur Diesel - Dyed

High Sulfur Diesel Fuel Low Sulfur Diesel Fuel No. 2 Diesel Fuel Oil

No. 2 High Sulfur Diesel - Dyed No. 2 Low Sulfur Diesel - Dyed No. 2 Low Sulfur Diesel - Undyed

No. 2 Low Sulfur Distillate
No. 2 Ultra Low Sulfur Diesel - Dyed
No. 2 Ultra Low Sulfur Diesel - Undved

Intended Use:

Fuel

Chemical Family:

Petroleum Hydrocarbons

Responsible Party:

Phillips 66

A Division of ConocoPhillips Bartlesville, Oklahoma 74007

For Additional MSDSs 800-762-0942
Technical Information: 918-661-8327

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

#### **EMERGENCY OVERVIEW**

#### 24 Hour Emergency Telephone Numbers:

Spill, Leak, Fire or Accident

California Poison Control System: (800) 356-3129

Call CHEMTREC

North America: (800)424-9300 Others: (703)527-3887 (collect)

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

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

Appearance:

Straw-colored to dyed red

Physical form:

Liquid

Odor:

Characteristic petroleum

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#### NFPA Hazard Class:

#### **HMIS Hazard Class**

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS	% VOLUME	<b>EXPOSURE</b>	GUIDELINE	
		<u>Limits</u>	<u>Agency</u>	<u>Type</u>
Diesel Fuel No. 2 CAS# 68476-34-6	100	100 mg/m3	ACGIH	TWA-SKIN
Naphthalene CAS# 91-20-3	<1	10 ppm 15 ppm 10 ppm 250 ppm	ACGIH ACGIH OSHA NIOSH	TWA STEL TWA IDLH

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

1%=10,000 PPM.

All components are listed on the TSCA inventory.

#### 3. HAZARDS IDENTIFICATION

#### **Potential Health Effects:**

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

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

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

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

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

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

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

Developmental: Inadequate data available for this material.

<sup>\*</sup>Indicates possible chronic health effects.

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

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

#### 4. FIRST AID MEASURES

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

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

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

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

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

#### 5. FIRE FIGHTING MEASURES

Flammable Properties: Flash Point: 125-180°F/52-82°C (PMCC)

OSHA Flammability Class: Combustible liquid

LEL%: 0.3 / UEL%: 10.0

Autoignition Temperature: 500°F/260°C

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

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

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

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

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

#### 6. ACCIDENTAL RELEASE MEASURES

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

Stay upwind and away from spill/release. Notify persons down wind of the spill/release, isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done with minimal risk. Wear appropriate protective equipment including respiratory protection as conditions warrant (see Section 8).

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

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

#### 7. HANDLING AND STORAGE

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

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

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

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

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

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

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

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#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

#### Personal Protective Equipment (PPE):

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

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

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

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

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

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

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

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Note: Unless otherwise stated, values are determined at 20°C (68°F) and 760 mm Hg (1 atm).

Appearance: Straw-colored to dyed red

Physical State: Liquid

Odor: Characteristic petroleum

pH: Not applicable

Vapor Pressure (mm Hg): 0.40 Vapor Density (air=1): >3

Boiling Point/Range: 300-690°F / 366 Freezing/Melting Point: No Data Solubility in Water: Negligible Specific Gravity: 0.81-0.88 @60°F Percent Volatile: Negligible

Evaporation Rate (nBuAc=1): <1 Viscosity: 1.7-4.1 cSt @40°F Bulk Density: 7.08 lbs/gal

Flash Point: 125-180°F / 52-82°C (PMCC)

Flammable/Explosive Limits (%): LEL: 0.3 / UEL: 10.0

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#### 10. STABILITY AND REACTIVITY

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

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

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

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

Hazardous Polymerization: Will not occur.

#### 11. TOXICOLOGICAL INFORMATION

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

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

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

#### Naphthalene (CAS# 91-20-3)

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

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

#### 12. ECOLOGICAL INFORMATION

Not evaluated at this time

#### 13. DISPOSAL CONSIDERATIONS

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

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

#### 14. TRANSPORT INFORMATION

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

Non-Bulk Package Marking: Diesel fuel, UN1202\*\* or None

Non-Bulk Package Label: Flammable or None Bulk Package Placard/Marking: Flammable/1202

Hazardous Substance/RQ None

Packaging References 49 CFR 173.150, 173.203, 173.241

Emergency Response Guide: 128

Note: \*This product may be reclassed as a combustible liquid when shipped domestically or by rail or highway.

If reclassed as a combustible liquid, this product is not regulated by DOT when shipped in non-bulk

packages.

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

#### 15. REGULATORY INFORMATION

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

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

Reactive Hazard: No

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

CFR 372:

Component CAS Number Weight %

Naphthalene 91-20-3 <1

#### California Proposition 65:

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

Component Effect

Benzene Cancer, Developmental and Reproductive Toxicant

Toluene Developmental Toxicant

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

#### Carcinogen Identification:

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

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#### **EPA (CERCLA) Reportable Quantity:**

--None--

Canada - Domestic Substances List: Listed

#### WHMIS Class:

**B2-Flammable Liquid** 

D2B-Materials causing other toxic effects - Toxic Material

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

#### 16. OTHER INFORMATION

Issue Date: 02/13/03

Previous Issue Date: 01/01/03

Product Code: Multiple Revised Sections: 1, 3, 5, 16 Previous Product Code: Multiple

MSDS Number: 001847

Status: Final

#### Disclaimer of Expressed and Implied Warranties:

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

1	
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 CT 2 7 2004 District IV 1220 S. St. Francis Dr., Santa Fe, OM 87505  District IV 1220 S. St. Francis Dr., Santa Fe, OM 87505  District IV 1220 S. St. Francis Dr., Santa Fe, OM 87505	Form C-133 Revised March 17, 1999 Submit Origina Plus 1 Cop to Appropriat District Office
REQUEST FOR APPROVAL TO ACCE	TSOLID WASTE
1. RCRA Exempt: Non-Exempt:	4. Generator: Conoco Phillips
Verbal Approval Received: Yes No No No 10/2904	5. Originating Site: SJ 32-7 Unit #301 SWD
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" Sec 34, T32N, R7W, San Juan County	Project #96052-170
<ul> <li>9. Circle One: <ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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</li> <li>All transporters must certify the wastes delivered are only those consigned for trans</li> </ul> </li> </ul>	necessary chemical analysis to PROVE the assified hazardous by listing or testing will be
BRIEF DESCRIPTION OF MATERIAL:	
Accept soil and gravel contaminated with oil, from when approx. 12 gal pump.  CWS, attached.	lons of oil leaked out of a vent tube of the
Estimated Volume $20$ cy Known Volume (to be entered by the operator at	the end of the haul)cy
SIGNATURE SIGNATURE SIGNATURE Waste Management Facility Authorized Agent  TITLE: Landfarm Man	nager DATE: October 18, 2004

CTAL PAPATO SICK (U.S.)	Description of the California		18 16/20/04
APPROVED BY		Page Fuge 14	is total for

TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (505) 632-0615

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

District III

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	T SOLED WASTE
1. RCRA Exempt: ☐ Non-Exempt: ☐	4 Generator Conoco Phillips
Verbal Approval Received: Yes No No No	5. Originating Site: SJ 32-7 Unit #301 SWD
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" Sec 34, T32N, R7W, San Juan County	Project #96052-170
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 non-exempt wastes where the non-exempt wastes where the non-exempt wastes which wastes where the non-exempt wastes where where the non-ex	ecessary chemical analysis to PROVE the
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:	
Accept soil and gravel contaminated with oil, from when approx. 12 gall pump.	lons of oil leaked out of a vent tube of the
CWS, attached.	
,	
Estimated Volume _ ~20 _ cy Known Volume (to be entered by the operator at t	the end of the haul)cy
SIGNATURE Waste Management Facility Authorized Agent  TITLE: Landfarm Management Facility Authorized Agent	ager DATE: October 18, 2004
TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (50	<u>05) 632-0615</u>
(This space for State Use)	THE THEORY THESE THE STATE OF T
APPROVED BY Deny tent TITLE: Encirol	Engy DATE: 10/20/04
APPROVED BY:	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 Hwy. 64	Landfarm #2
Farmington, NM 87401	Hilltop, New Mexico
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
San Juan 32-7 Unit #301 SWD	Unit M, Section 34, T32N, R7W
	735' FSL & 761' FWL
API # 30-045-28549	San Juan County, New Mexico
attach list of originating sites as appropriate	
4. Source and Description of Waste	
	oil when a vent tube on a pump leaked approximately 12
	alysis done by Envirotech with results of arsenic = 0.002
	ID; chromium = $0.002 \text{ mg/L}$ ; lead = $0.003 \text{ mg/L}$ ; mercury
= ND; selenium = 0.001 mg/L; silver = NI	).
I. Monica D. Olson	representative for :
Print Name	
ConocoPhillips Company	do hereby certify that, according to the Resource
	otection Agency's July,1988, regulatory determination, the above
described waste is: (Check appropriate classification)	
	N-EXEMPT 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	on –hazardous waste defined above.
For NON-EXEMPT waste the following documentation is attact	hed (check appropriate items):
MSDS Information	Other (description)
X RCRA Hazardous Waste Analysis – TCLP Metals	
Chain of Custody	
	D. C. D. P. C. M. C. LONDRO
This waste is in compliance with Regulated Levels of Natural NMAC 3.1 subpart 1403.C and D.	ly Occurring Radioactive Material (NORM) pursuant to 20
MinAC 3.1 subpart 1403.c and b.	
Name (Original Signature): MMCL O. Owen	<u> </u>
Title: HSE & Regulatory Technician	
Phone Number: 505-599-3458	
Date: October 15, 2004	

VED State of New Mexico

**Energy Minerals and Natural Resources** 

Form C-138 Revised March 17, 1999

District I.

1625 18. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88200 T 2 7 2004

District III

1000 Rio Brazos Road, Aztec, NM 87410

District IV

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

Energy Minerals and Natural Resource Oil Conservation Division

Oil Conservation Division

Santa Fe, NM 87505

Santa Fe, NM 87505

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: Halliburton Energy Services
Verbal Approval Received: Yes ⊠ No ☐ Edwin Martin 10/14/04	5. Originating Site: Wash Bay
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Envirotech
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) 4109 E. Main Street, Farmington	Project #92132-001
<ul> <li>9. Circle One: <ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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</li> <li>All transporters must certify the wastes delivered are only those consigned for transporters per per per per per per per per per per</li></ul></li></ul>	ecessary chemical analysis to PROVE the assified hazardous by listing or testing will be
Estimated Volumecy Known Volume (to be entered by the operator at the en	nd of the haul)cy
SIGNATURE Signature TITLE: Landfarm Man Waste Management Facility Authorized Agent	ager DATE: October 14, 2004
TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (505) 632-0615	

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 Form C-138 Revised March 17, 1999

DATE:

Submit Original Plus 1 Copy to Appropriate District Office

#### REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

REQUEST FOR ALL ROVAL TO ACCE.	I SOLID WASTE
1. RCRA Exempt: ☐ Non-Exempt: ☐	4. Generator: Halliburton Energy Services
Verbal Approval Received: Yes ⊠ No ☐ Edwin Martin 10/14/04	5. Originating Site: Wash Bay
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Envirotech
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) 4109 E. Main Street, Farmington	Project #92132-001
9. Circle One:	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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 classification of origin.</li> </ul>	ecessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transp	oort.
BRIEF DESCRIPTION OF MATERIAL:	
Wash bay grit from 2 bays that have been dried in a drying bed.	13 16 15 16 m
CWS, and TCLP dated 10/7/04 attached.	CONTRICTOR STATE OF THE STATE O
Estimated Volumecy Known Volume (to be entered by the operator at the en	nd of the haul)cy
SIGNATURE Waste Management Facility Authorized Agent  TITLE: Landfarm Management Facility Authorized Agent	ager DATE: October 14, 2004
TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (505) 632-0615	
(This space for State Use)	

TITLE:



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

#### **CERTIFICATE OF WASTE STATUS**

1. Generator Name and Address	2. Destination Name:
Halliburton Energy Service	Envirotech Inc. Soil Remediation Facility
4109 E. Main Street	Landfarm #2
Farmington, New Mexico 87402	Hilltop, New Mexico
1 alimnigion, ivew ivience 67 402	Timop, ivew Mexico
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
Halliburton, 4109 E. Main, Farmington	
attach list of originating sites as appropriate	
4. Source and Description of Waste	
Washbay grit from 2 bays that have been dri	ied in a drying bed.
I, Merle D. Krause III Print Name	representative for:
Halliburton Energy Service  Conservation and Recovery Act (RCRA) and Environmental I  described waste is: (Check appropriate classification)	do hereby certify that, according to the Resource Protection Agency's July,1988, regulatory determination, the above
	ON-EXEMPT oilfield waste which is non-hazardous by characteristic ysis 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 att	
MSDS Information	Other (description
X RCRA Hazardous Waste Analysis	
Chain of Custody	
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): Mule X	
Title: Material Control Supervisor	
Phone Number: (505) 324-3551	
Date: October 14, 2004	



#### SUSPECTED HAZARDOUS **WASTE ANALYSIS**

Client:

Sample ID:

Lab ID#: Sample Matrix: Preservative:

Condition:

Halliberton

Wash Bay Sump Solids

30895 Soil Cool

Cool and Intact

Project #:

Date Reported:

Date Sampled: Date Received:

Date Analyzed: Chain of Custody: 10-07-04 10-07-04

10-11-04

10-08-04

92132-001

13081

**Parameter** 

Result

**IGNITABILITY:** 

Negative

**CORROSIVITY:** 

**Negative** 

pH = 7.11

REACTIVITY:

Negative

RCRA Hazardous Waste Criteria

Parameter

Hazardous Waste Criterion

**IGNITABILITY**:

Characteristic of Ignitability as defined by 40 CFR, Subpart C, Sec. 261.21. (i.e. Sample ignition upon direct contact with flame or flash point < 60° C.)

CORROSIVITY:

Characteristic of Corrosivity as defined by 40 CFR, Subpart C, Sec. 261.22.

(i.e. pH less than or equal to 2.0 or pH greater than or equal to 12.5)

REACTIVITY:

Characteristic of Reactivity as defined by 40 CFR, Subpart C, Sec. 261.23. (i.e. Violent reaction with water, strong base, strong acid, or the generation of Sulfide or Cyanide gases at STP with pH between 2.0 and 12.5)

Reference:

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

Comments:

Wash Bay, Halliburton Yard.

Review



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

Client:	· Halliburton	Project #:	92132-001
Sample ID:	Wash Bay Sump Solids	Date Reported:	10-12-04
Laboratory Number:	30895	Date Sampled:	10-07-04
Chain of Custody:	13081	Date Received:	10-07-04
Sample Matrix:	TCLP Extraction	Date Extracted:	10-08-04
Preservative:	Cool	Date Analyzed:	10-11-04
Condition:	Cool & Intact	Analysis Requested:	TCLP

	Concentration	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)	0.0037	0.0001	200
Chloroform	ND	0.0001	6.0
Carbon Tetrachloride	ND	0.0001	0.5
Benzene	0.0012	0.0001	0.5
1,2-Dichloroethane	ND	0.0001	0.5
Trichloroethene	ND	0.0003	0.5
Tetrachloroethene	ND	0.0005	0.7
Chlorobenzene	ND	0.0003	100
1,4-Dichlorobenzene	ND	0.0002	7.5

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria	Parameter	Percent Recovery
	Fluorobenzene	100%
	1,4-difluorobenzene	100%
	4-bromochlorobenzene	100%

References:

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

Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.

Method 8010, Halogenated Volatile Organic, SW-846, USEPA, Sept. 1994. Method 8020, Aromatic Volatile Organics, SW-846, USEPA, Sept. 1994.

Note:

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

Comments:

Wash Bay, Halliburton Yard.

Analyst C. Oglinia

Musture m Walters



#### EPA METHOD 8040 PHENOLS

Client:	Halliburton	Project #:	92132-001
Sample ID:	Wash Bay Sump Solids	Date Reported:	10-12-04
Laboratory Number:	30895	Date Sampled:	10-07-04
Chain of Custody:	13081	Date Received:	10-07-04
Sample Matrix:	TCLP Extract	Date Extracted:	10-08-04
Preservative:	Cool	Date Analyzed:	10-12-04
Condition:	Cool & Intact	Analysis Requested:	TCLP

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

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	2-Fluorophenol	99%
	2,4,6-Tribromophenol	99%

References:

Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid

Waste, SW-846, USEPA, July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid

Waste, SW-846, USEPA, July 1992.

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

Note:

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

Comments:

Wash Bay, Halliburton Yard.

Analyst P. Cylinam



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

Client:	Halliburton	Project #:	92132-001
Sample ID:	Wash Bay Sump Solids	Date Reported:	10-12-04
Laboratory Number:	30895	Date Sampled:	10-07-04
Chain of Custody:	13081	Date Received:	10-07-04
Sample Matrix:	TCLP Extract	Date Extracted:	10-08-04
Preservative:	Cool	Date Analyzed:	10-12-04
Condition:	Cool and Intact	Analysis Requested:	TCLP

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

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria	Parameter	Percent Recovery

2-fluorobiphenyl

97%

References:

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

Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 1992.

Method 8090, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.

Note:

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

Comments:

Wash Bay, Halliburton Yard.

Analyst C. Qu

Mustine of Walters



# EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

	Det.	Regulatory
Cool & Intact	Analysis Needed:	TCLP metals
Cool	Date Extracted:	10-08-04
TCLP Extract	Date Analyzed:	10-11-04
13081	Date Received:	10-07-04
30895	Date Sampled:	10-07-04
Wash Bay Sump Solids	Date Reported:	10-11-04
Halliburton	Project #:	92132-001
	Wash Bay Sump Solids 30895 13081 TCLP Extract Cool	Wash Bay Sump Solids  30895  Date Sampled:  13081  TCLP Extract  Cool  Date Received:  Date Analyzed:  Date Extracted:

Arsenic	0.001	0.001	5.0
Barium	0.046	0.001	100
Cadmium	ND	0.001	1.0
Chromium	0.001	0.001	5.0
Lead	0.001	0.001	5.0
Mercury	ND	0.001	0.2
Selenium	ND	0.001	1.0
Silver	ND	0.001	5.0

ND - Parameter not detected at the stated detection limit.

References:

Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA,

December 1996.

Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total

Metals, SW-846, USEPA, December 1996.

Methods 6010B Analysis of Metals by Inductively Coupled Plasma-Atomic Emission

SW-846, USEPA. December 1996.

Note:

Regulatory Limits based on 40 CFR part 261 subpart C

section 261.24, August 24, 1998.

Comments:

Wash Bay, Halliburton Yard.

Analyst

Mustine of Walles
Réview

## CHAIN OF CUSTODY RECORD

13081

Client / Project Name			Project Location							Α	NALYSI	S / PAR	RAMETER				,
Halliburton (Wa	ish Ba	Y	Halliburte	on Yar	d		ļ		<del> </del>	<del></del>		,	· · · · · · · · · · · · · · · · · · ·				<del></del>
Sampler:	and the second s		Client No.			1	ers.							R	emarks		
Sampler: Brandon Pou	sell		92132-	-001			No. of ontaine	0- 7-									
Sample No./ Identification	Sample Date	Sample Time	Lab Number		Sample Matrix		Con	TCLP W/O H&P									
Wash Bay Sump Solids	10/7/04	11:00 mag	30895	Soi				/									
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Relinquished by: (Signatur	e)		!			THEOG.	ved by.	Olgridad	ar <i>⊕)</i>								
Relinquished by: (Signatur	·e)					Receiv	ved by:	(Signatu	ıre)								
				ENV	IRO'	TF(	<b>7</b> H	In						Sample R	eceipt	<u> </u>	
															Υ	N	N/A
					5796 U.S ington, N				1				Rece	ived Intact	V	,	
					(505)				•				Cool -	Ice/Blue Ice	V		

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

State of New Mexico
Energy Minerals and Natural Resources

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Form C-138 Revised March 17, 1999

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

OCT 0 4 2004

OIL CONSERVATION

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

REQUEST FOR ATTROVAL TO ACCES	I SOLID WASTE					
1. RCRA Exempt: Non-Exempt:	4. Generator: Conoco Phillips					
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: San Juan 32-8 unit #240					
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 3, T32N, R8W, San Juan County	Project #96052-159					
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 trans	port.					
BRIEF DESCRIPTION OF MATERIAL:	·					
Accept soil contaminated with No. 1 Diesel that was spilled during vandal	ism.					
CWS, and a MSDS attached.						
,						
Estimated Volume cy Known Volume (to be entered by the operator at the en	nd of the haul)cy					
SIGNATURE 33 Sold TITLE: Landfarm Mark	nager DATE: September 22, 2004					
TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (50	05) 632-0615					
a(Whis space for State Use) of the state of						
APPROVED BY: LOCAL TITLE: Exect 60	/Fuge 14. DATE 7/30/84					

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

REQUEST FOR ATTROVAL TO ACCE	I SOLID WASTE
1. RCRA Exempt: ☐ Non-Exempt: ⊠	4. Generator: Conoco Phillips
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: San Juan 32-8 unit #240
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 3, T32N, R8W, San Juan County	Project #96052-159
9. Circle One:	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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 claapproved</li> </ul>	necessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transporters	port.
BRIEF DESCRIPTION OF MATERIAL:	
Accept soil contaminated with No. 1 Diesel that was spilled during vandali	ism.
CWS, and a MSDS attached.	
Estimated Volume cy Known Volume (to be entered by the operator at the en	nd of the haul)cy
SIGNATURE But Signature TITLE: Landfarm Man Waste Management Facility Authorized Agent	ager DATE: September 22, 2004
TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (50	05) 632-0615
(This space for State Use)	
APPROVED BY: TITLE: Environment of the second secon	Eng   DATE: 9/30/04   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 Hwy. 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 Unit #240	Unit K, Section 3, T32N, R8W
		1718' FSL & 1470' FWL
	API # 30-045-28274	San Juan, New Mexico
	attach list of originating sites as appropriate	,
	4. Source and Description of Waste	
	8 cubic yards of dirt contaminated with No.	1 Diesel Fuel spilled during vandalism.
r ·	Juanita Farrell	representative for:
.,	Print Name	
	ConocoPhillips Company	do houghy cortify that according to the Decourse
Conse		do hereby certify that, according to the Resource ental Protection Agency's July, 1988, regulatory determination, the above
	ped waste is: (Check appropriate classification)	mai Procection Agency 3 July, 1700, regulatory determination, the above
		ON-EXEMPT oilfield waste which is non-hazardous by characteristic
~~		analysis or by product identification
ınd tha	at nothing has been added to the exempt or non-exe	empt non –hazardous waste defined above.
	<u> </u>	
or NO	ON-EXEMPT waste the following documentation	
	X_MSDS Information	Other (description
	RCRA Hazardous Waste Analysis	
	Chain of Custody	
his w	aste is in compliance with Regulated Levels of	Naturally Occurring Radioactive Material (NORM) pursuant to 20
	C 3.1 subpart 1403.C and D.	
To o	(Original Signature): Juanita Farrell	. 1
ame	(Original Signature). Juanna Patren	t Fairel
itle:_	Regulatory Analyst	
hone	Number: 505-599-3419	
ate:	September 17, 2004	

(MSDS: 736215)

Page 1 of 8



#### MATERIAL SAFETY DATA SHEET Conoco No. 1 Diesel Fuel

#### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** 

Conoco No. 1 Diesel Fuel

**Product Code:** 

3501, 3511, 3554, 4195

Synonyms:

Conoco - MSDS# GASC0210

Conoco Kerosene, Low Sulfur Conoco No. 1 Diesel (Low Sulfur)

Conoco No. 1 Fuel Oil

intended Use:

Fuel

**Chemical Family:** 

Petroleum hydrocarbon

Responsible Party:

ConocoPhillips P.O. Box 2197 Houston, TX 77252

For Additional MSDSs 800-762-0942

Technical Information: 918-661-8327

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

#### **EMERGENCY OVERVIEW**

#### 24 Hour Emergency Telephone Numbers:

Spill, Leak, Fire or Accident

Call CHEMTREC

North America: (800)424-9300

Others: (703)527-3887 (collect)

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

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

Appearance:

Clear, light yellow, or light green (may be dyed red)

Physical form:

Liquid

Odor:

Kerosene

#### NFPA Hazard Class:

#### **HMIS Hazard Class**

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

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

California Poison Control System: (800) 356-3129

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

<sup>\*</sup>Indicates possible chronic health effects.

# 4/ 10

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HAZARDOUS COMPONENTS	% VOLUME	EXPOSURE (	GUIDELINE	
•		<u>Limits</u>	Agency	<u>Type</u>
Hydrodesulfurized KeroseneC9-16 CAS# 64742-81-0	0-100	200* mg/m3	ACGIH	TWA-SKIN
Hydrotreated Distillate, LightC9-16 CAS# 64742-47-8	0-100	(See: Kerosene	C9-16)	
KeroseneC9-16 CAS# 8008-20-6	0-100	200* mg/m3	ACGIH	TWA-SKIN
Naphthalene CAS# 91-20-3	0-3	10 ppm 15 ppm 10 ppm 250 ppm	ACGIH ACGIH OSHA NIOSH	TWA STEL TWA IDLH

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

1%=10,000 PPM.

\*Proposed ACGIH (2002)

All components are listed on the TSCA inventory.

#### 3. HAZARDS IDENTIFICATION

#### **Potential Health Effects:**

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

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

Inhalation (Breathing): Expected to have a low degree of toxicity by inhalation.

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

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

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

Target Organs: Inadequate data available for this material.

**Developmental:** Inadequate evidence available for this material. See Section 11 for developmental toxicity information of individual components, if any.

Other Comments: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage (sometimes referred to as Solvent or Painters' Syndrome). Intentional misuse by deliberately concentrating and inhaling this material may be harmful or fatal.

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**Pre-Existing Medical Conditions:** Conditions aggravated by exposure may include skin disorders and respiratory (asthma-like) disorders.

#### 4. FIRST AID MEASURES

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

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

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

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

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

#### 5. FIRE FIGHTING MEASURES

Flammable Properties:

Flash Point: 100-150°F/38-66°C (TCC, ASTM D-56) OSHA Flammability Class; Combustible liquid

LEL%: 0.7 / UEL%: 7.0

Autoignition Temperature: 410°F/210°C

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

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

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

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

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

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purposes.

#### 6. ACCIDENTAL RELEASE MEASURES

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

Stay upwind and away from spill/release. Notify persons down wind of the spill/release, isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done with minimal risk. Wear appropriate protective equipment including respiratory protection as conditions warrant (see Section 8).

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

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

#### 7. HANDLING AND STORAGE

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

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

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

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

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

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

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

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering controls:** If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits (see Section 2), additional engineering controls may be required. Where explosive

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mixtures may be present, electrical systems safe for such locations must be used (see appropriate electrical codes).

#### Personal Protective Equipment (PPE):

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

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

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

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

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

Other Protective Equipment: A source of clean water should be available in the work area for flushing eyes and skin. Impervious clothing should be worn as needed.

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

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Note: Unless otherwise stated, values are determined at 20°C (68°F) and 760 mm Hg (1 atm).

Appearance: Clear, light yellow, or light green (may be dyed red)

Physical State: Liquid Odor: Kerosene pH: Not applicable

Vapor Pressure (mm Hg): 0.40 Vapor Density (air=1): >4.5

Boiling Point/Range: 300-572°F / 149-300°C Freezing/Melting Point: <-40°F/<-40°C

Solubility in Water: <0.1% Specific Gravity: 0.775-0.840

Volatile Organic Compounds (VOC) Content:0.16 lb/1000 gal

Percent Volatile: 98-100 @ 545°F Evaporation Rate (nBuAc=1): <1 Viscosity: 1.0-2.4 cSt @104°F (40°C)

Bulk Density: 6.73 lbs/gal

Flash Point: 100-150°F / 38-66°C (TCC, ASTM D-56) Flammable/Explosive Limits (%): LEL: 0.7 / UEL: 7.0

#### 10. STABILITY AND REACTIVITY

Stability: Stable under normal ambient and anticipated storage and handling conditions of temperature and

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pressure. Flammable liquid and vapor. Vapor can cause flash fire,

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

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

Hazardous Decomposition Products: The use of hydrocarbon fuels in an area without adequate ventilation may result in hazardous levels of combustion products (e.g., oxides of carbon, sulfur and nitrogen, and other hydrocarbons) and/or dangerously low oxygen levels.

Hazardous Polymerization: Will not occur.

#### 11. TOXICOLOGICAL INFORMATION

#### Hydrodesulfurized Kerosene .. C9-16 (CAS# 64742-81-0)

Carcinogenicity: Application of hydrodesulfurized kerosene to mouse skin, twice a week for 12 months, resulted in an increased incidence of skin tumors. It has not been identified as a carcinogen by NTP, IARC or OSHA.

**Developmental:** Hydrodesulfurized kerosene applied to the skin of female rats at 494, 330, or 165 mg/kg daily for 7 consecutive weeks (premating, mating, and gestation), or for 8 consecutive weeks in males did not result in systemic, reproductive, or developmental toxicity.

#### Hydrotreated Distillate, Light .. C9-16 (CAS# 64742-47-8)

Carcinogenicity: Application of a similar material, hydrodesulfurized kersoene, to mouse skin, twice a week for 12 months resulted in an increased incidence of skin tumors. This material has not been identified as a carcinogen by NTP, IARC or OSHA.

#### Kerosene .. C9-16 (CAS# 8008-20-6)

**Carcinogenicity:** Application of kerosene to mouse skin, twice a week for 12 months, resulted in an increased incidence of skin tumors. It has not been identified as a carcinogen by NTP, IARC or OSHA.

#### Naphthalene (CAS# 91-20-3)

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

Acute Data: Hydrotreated Distillate Light (as Kerosene): Dermal LS50=>2g/kg (Rabbit) LC50>5mg/L (4-hr., Rat) Oral LD50> 5g/kg (Rat)

Kerosene:

Dermal LD50>2,000 mg/kg (Rabbit) LC50>5,000 ppm (4-hr., Rat) Oral LD50: >5 g/kg (Rat), = 28 ml/kg (Rabbit), = 20 ml/kg (Guinea Pig)

#### 12. ECOLOGICAL INFORMATION

When kerosenes and jet fuels escape into the environment due to leaks or spills, most of their constituent hydrocarbons will evaporate and be photodegraded by reaction with hydroxyl radicals in

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the atmosphere. The half-lives in air for many of the individual hydrocarbons is less than one day. Less volatile hydrocarbons can persist in the aqueous environment for longer periods. They remain floating on the surface of the water; those that reach soil or sediment biodegrade relatively slowly. Soil contaminated with jet fuel can develop adapted microbial species able to use the fuel as a carbon source; soil aeration and nutrient supplementation can enhance this biodegradation.

Reported LC50/EC50 values for water-soluble fractions of kerosenes and jet fuels are usually in the range of 10 to 100 mg/liter. Adverse effects on the gills, pseudobranch, kidney and nasal mucosa have been reported in fish involved in spills of jet fuel. Juvenile clams may be particularly sensitive to marine sediments contaminated as a result of spilled jet fuel. Direct toxicity and fouling of sea birds from jet fuel can occur if birds dive through floating layers of spilled fuel.

Phytotoxic effects of jet fuel have been reported following exposure of plants to sprays or vapors. Lack of seed germination and inhibition of seedling growth may also occur. There is evidence for moderate bioaccumulation of the water-soluble hydrocarbons present in jet fuels.

#### 13. DISPOSAL CONSIDERATIONS

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

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

#### 14. TRANSPORT INFORMATION

**DOT Shipping Description:** Diesel fuel,3 or Combustible liquid\*,NA1993,III

Non-Bulk Package Label: Flammable or None\*

Bulk Package Placard/Marking: Flammable/1993

Hazardous Substance/RQ None

Packaging References 49 CFR 173.150, 173.203, 173.242

Emergency Response Guide: 128

Note: \*This product may be reclassed as a combustible liquid when shipped domestically or by rail or highway.

If reclassed as a combustible liquid, this product is not regulated by DOT when shipped in non-bulk

packages.

#### 15. REGULATORY INFORMATION

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

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

,5U5 588 344Z

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#### SARA 313 and 40 CFR 372:

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

Component

**CAS Number** 

Weight %

Naphthalene

91-20-3

0-4.3

#### California Proposition 65:

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

Component

**Effect** 

Benzene

Cancer, Developmental and Reproductive Toxicant

Naphthalene

Cancer

Toluene

**Developmental Toxicant** 

#### Carcinogen Identification:

This material has not been identified as a carcinogen by NTP, IARC, or OSHA. See Section 11 for carcinogenicity information of individual components, if any.

#### **EPA (CERCLA) Reportable Quantity:**

--None--

#### Canada - Domestic Substances List: Listed

#### WHMIS Class:

**B2-Flammable Liquid** 

D2B-Materials causing other toxic effects - Toxic Material

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

#### 16. OTHER INFORMATION

Issue Date: 01/01/03

Previous Issue Date: 10/18/00

Product Code: 3501, 3511, 3554, 4195

Revised Sections: 1, 9, 11, 16

MSDS Number: 736215

Status: Final

#### Disclaimer of Expressed and Implied Warranties:

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



September 23, 2004

Mr. Denny Foust NMOCD Environmental Geologist/ Deputy O&G inspector 1000 Rio Brazos Road Aztec, NM 87410

RE: THE ACCEPTANCE OF DIESEL CONTAMINATED SOIL.

SER 2000

Dear Mr. Foust:

On September 17, 2004 Envirotech accepted 10cy of soil contaminated with No.1 diesel generated from vandalism at the Conoco Phillips San Juan 32-8 #240 location. It was accepted before receipt of NMOCD approval as a result of miscommunication in the absence of Monica Olsen of COPC and Brandon Powell of Envirotech.

On this date Juanita Farrell of Conoco called Envirotech and spoke to Vicki Young, because Morris Young was in a meeting and Brandon Powell was out of town. She asked if she had filled out the Certificate of Waste Status correctly. In turn Vicki Young went to Morris Young to see if it was indeed filled out correctly. He reviewed it and he replied that it was filled out properly. Vicki Young called Juanita Farrell back and told her that it was filled out right. Here is where the miscommunication occurred because it was assumed that since it was filled out right, that the soil could be received at the land farm. Since neither Vicki Young nor Juanita Farrell knew that this material needed NMOCD pre-approval since it was non-exempt. Because it was assumed that everything was in order, it was taken to and received at the land farm.

On the evening of September 22, 2004, my first day back to work, I noticed the Certificate of Waste Status for the non-exempt waste and I also noticed that we had already received the material. Morris Young was in a meeting so first thing on September 23, 2004 I spoke with him about the issue. I immediately called Denny Foust with the NMOCD to inform him of the situation and to find out what course of action that we needed to take.

To prevent future occurrences of these types of situations, when I am unavailable the only one that will be permitted to authorize the acceptance of material to the land farm will be Morris Young. We feel this will provide positive control and prevent any reoccurrences of premature soil acceptance.

Respectfully Submitted,

ENVIROTECH, INC.

Brandon Powell Landfarm Manager

bpowell@envirotech-inc.com

Estrict I / 1025 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

RCRA Exempt: □ Non-Exempt: □	4. Generator: Halliburton Energy Services				
Verbal Approval Received:  Yes No  No  S/28/04	5. Originating Site: Jicarilla 460-15 #2				
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA				
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico				
7. Location of Material (Street Address or ULSTR) Sec. 15, T30N, R3W, Rio Arriba County	Project # 92132-029				
<ul> <li>9. <u>Circle One</u>:</li> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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</li> </ul>	necessary chemical analysis to PROVE the				
All transporters must certify the wastes delivered are only those consigned for transp	port.				
BRIEF DESCRIPTION OF MATERIAL:	RECEIVED				
Contaminated soil from a hydraulic oil spill CWS, MSDS, and Release Notification and Corrective Action attached	SEP O R 2004  Environmental Bureau Oil Conservation Division				
Estimated Volumecy Known Volume (to be entered by the operator at the e	nd of the haul)cy				
SIGNATURE Waste Management Facility Authorized Agent  TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (505) 632-0615	nager DATE: September 7, 2004				
(This space for State Use).  APPROVED BY: LOUY TOUT THEE ENVIRO	/Eng/ DATE: 9/8/04 ENGR. DATE: 9/8/04				





### 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 1	
	1. Generator Name and Address	2. Destination Name:
	Halliburton Energy Services	Envirotech Inc. Soil Remediation Facility
	4109 East Main Street	Landfarm #2
	Farmington NM 87401	Hilltop, New Mexico
		T, - · · · · · · · · · · · · · · · · · ·
	3. Originating Site (name):	ocation of the Waste (Street address &/or ULSTR):
		Section 15
	[-	ZON R-SW
'	attach list of originating sites as appropriate	
	4. Source and Description of Waste	
	Contaminated soil from a hydraulic oil spill.	
	, , ,	
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	Valle 1 Skatha	
l <b>,</b>	dellie J. Steffor	representative for:
	Print Name	
	Libration	do harshy partification and the A
	vation and Recovery Act (RCRA) and Environmental Protection	do hereby certify that, according to the Resource
Joursel v Joseph	ed waste is: (Check appropriate classification)	Agency's July, 1966, regulatory determination, the above
1636110	· Chook uppropriate stabble and	
EX	XEMPT oilfield waste XX NON-EXE	EMPT oilfield waste which is non-hazardous by characteristic
		product identification
	,	ν
and that	t 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	neck appropriate items):
		er (description
	RCRA Hazardous Waste Analysis	•
	Chain of Custody	
This wa	aste is in compliance with Regulated Levels of Naturally Occ	urring Radioactive Material (NORM) pursuant to 20
	3.1 subpart 1403.C and D./	,
	1 11 1 11	
Name (	Original Signature) Silles Keth	· A Section 1997
·mine (		
Title:	HSF Technical Molessional	
Phone !	Number: 505-524-3540	
	1 10 11	
Date:	Lept 1,04	
_		

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

Form C-141 Revised October 10, 2003

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

			Rele	ease Notific	catio	n and Co	orrective A	ction				
						OPERATOR						
Name of Company: Halliburton Energy Services						Contact Douglas Oakes						
Address: 4109 E. Main Street						Telephone No. 505-324-3500 (x550)						
Facility Name Farmington Main Yard						Facility Type Oil and Gas Services						
Surface Owner Jicarilla  Mineral Owner Black Hills									Lease No. Black Hills Jicarilla 460-15#2			
				I OC	· TTO	N OF RE	FASE					
Unit Letter	Section	Township	Range	Feet from the		South Line	Feet from the	East/West	Line	County		
Omi Letter	15	30N	3W	515	North		665	West	1			
		-		Latitude36	.65	Longitude_	107.07	_				
			,	NAT	URE	OF REL						
Type of Relea	ase: spill o	f hydraulic oil							Volume Recovered (all) 14 cubic yards total with soil			
Source of Rel						Date and H	lour of Occurrence	e Da	Date and Hour of Discovery			
Equipment fa Was Immedia						If YES, To	2004 1615 Whom?	Au	gust 27	ıst 27, 2004 1615		
was immedia	ne nouce (		Yes [	No 🗌 Not Re	equired	Charlie Per						
By Whom?	·		<del></del>			Date and Hour						
Was a Water		L _ 10				August 27, 2004 1630  If YES, Volume Impacting the Watercourse.						
was a water	ourse Read	nea <i>r</i>	Yes 🛭	No		NA						
If a Watercou	rse was Im	pacted, Descr	ibe Fully.	<b>I</b>		<u>.l</u>						
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NA										·		
Danasiha Can	on of D-ble	om and Dama	dial Action	Taken While p	Ilmning	a coment inh	the passenger side	e displacem	ant tank	c lost the sensory unit on the		
suction parket	valve. Th	is resulted in	approxima	itely 110 gallons	of hydra	ulic oil spillir	g to soil on locati	ion	on tan	c rost the scisory limit on the		
Describe Area	Affected	and Cleanup A	Action Tak	en.*								
(See attached	report)	usinataah ta al	one the on	ill ores The enill	aron um	annrovimate	ly 300 canara fact	t in orac and	the de	pth ranged from 4" to 14".		
risinguiton co	mincied Er	wholech to ci	ean die sp	matea. The spin	atta wa	s approximate	ly 500 square ree	t in area and	use de	pur ranged nom 4 to 14.		
I hereby certif	fy that the i	nformation gi	ven above	is true and comp	lete to th	ne best of my	knowledge and ur	nderstand the	at pursi	uant to NIMOCD rules and		
regulations all	operators	are required to	o report ar	id/or file certain r	elease n	otifications ar	d perform correct	tive actions	for rele	ases which may endanger		
public health	or the envi	ronment. The	acceptano	e of a C-141 repo	ort by the	e NMOCD m	arked as "Final Re	eport" does n	not relie	eve the operator of liability , surface water, human health		
or the environ	perauons n	ddition NMC	шециакегу СП ассео	tance of a C-141	report de	oes not reliev	on that pose a time the operator of r	esnonsibility	i water. v for co	mpliance with any other		
federal, state,									, 101 00	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
1-1/10					OIL CONSERVATION DIVISION							
Signature & Me Letter						wis .						
					,	Approved by District Supervisor.						
Printed Name: Kéllie J. Skélton												
Title: HSE T	echnical P	rofessional	·			Approval Date: Exp		Expir	xpiration Date:			
E-mail Addres	ss: 4109 F.	. Main Street	`			Conditions of Approval:			Attached			
			- 606 33 4	7500 (5540)								
	mber 3, 20	pal Sheets If		-3500 (x540)								

Attached is the Emergency Spill Response Report from Envirotech

## Tam m Safety Data Sheet (93/112/EC)

**Product Trade Name:** 

**FANN HYDRAULIC OIL** 

**Revision Date:** 

01/24/2003

#### IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

#### Identification of Substances or Preparation

**Product Trade Name:** 

FANN HYDRAULIC OIL

Synonyms:

None

Chemical Family:

Ester

Application:

Lubricant

Company Undertaking

Identification

**FANN Instruments Company** 

Deveron Facility, Howemoss Place Kirkhill Industrial Estate

Dyce

Aberdeen, AB21 0GS

United Kingdom

Emergency Phone Number: +44 01224 776600 or +1 713 676 3000

Prepared By

Product Stewardship

Telephone: 1-580-251-4335

#### **COMPOSITION/INFORMATION ON INGREDIENTS**

SUBSTANCE	CAS	PERCENT	EINECS	υK	Germany	Netherlands	EEC
· · · · · · · · · · · · · · · · · · ·	Number			OEL/MEL	MAK/TRK	MAC	Classification
Synthetic ester		60 - 100%		Not applicable	Not applicable	Not applicable	Vot applicable

#### HAZARDS IDENTIFICATION

**Hazard Overview** 

May cause eye irritation.

#### FIRST AID MEASURES

Inhalation

If inhaled, remove from area to fresh air. Get medical attention if respiratory

irritation develops or if breathing becomes difficult.

Skin

Wash with soap and water. Get medical attention if irritation persists.

Eyes

In case of contact, immediately flush eyes with plenty of water for at least 15

minutes and get medical attention if irritation persists.

Ingestion

Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek

medical attention. Never give anything by mouth to an unconscious person,

Notes to Physician

Not Applicable

#### FIRE FIGHTING MEASURES

FANN HYDRAULIC OIL Page 1 of 5

Suitable Extinguishing Media

Water fog, carbon dioxide, foam, dry chemical.

Unsuitable Extinguishing Media None known.

Special Exposure Hazards

Use water spray to cool fire exposed surfaces. Closed containers may explode in

fire. Decomposition in fire may produce toxic gases.

Special Protective Equipment for Full protective clothing and approved self-contained breathing apparatus required

Fire-Fighters

for fire fighting personnel.

#### 6. ACCIDENTAL RELEASE MEASURES

Personal Precautionary

Measures

Use appropriate protective equipment.

**Environmental Precautionary** 

Measures

Prevent from entering sewers, waterways, or low areas.

Procedure for Cleaning/Absorption Isolate spill and stop leak where safe. Contain spill with sand or other inert

materials. Scoop up and remove.

#### 7. HANDLING AND STORAGE

**Handling Precautions** 

Avoid contact with eyes, skin, or clothing.

Storage Information

Store away from oxidizers. Store in a cool well ventilated area. Keep container

closed when not in use. Product has a shelf life of 24 months.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls** 

Use in a well ventilated area.

**Respiratory Protection** 

Not normally needed. But if significant exposures are possible then the following

respirator is recommended. Organic vapor respirator.

**Hand Protection** 

Impervious rubber gloves.

**Skin Protection** 

Normal work coveralls.

Eye Protection

Wear safety glasses or goggles to protect against exposure.

Other Precautions

None known.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:

Color:

Light brown

Odor:

Odorless
Not Determined

pH:

0.95

Liquid

Specific Gravity @ 20 C (Water=1): Density @ 20 C (kg/l):

0.95 102.4 > 315

Bulk Density @ 20 C (kg/m³): Boiling Point/Range (C):

Not Determined

Freezing Point/Range (C): Flash Point/Range (C):

> 271 PMCC

FANN HYDRAULIC OIL Page 2 of 5

Flash Point Method: Autoignition Temperature (C): Flammability Limits in Air - Lower (g/l):

Not Determined Not Determined Not Determined

Flammability Limits in Air - Lower (%): Flammability Limits in Air - Upper (g/l):

Not Determined

. . .

Flammability Limits in Air - Upper (%):

Vapor Pressure @ 20 C (mmHg):

Vapor Density (Air=1):

Percent Volatiles: Evaporation Rate (Butyl Acetate=1):

Solubility in Water (q/100ml): Solubility in Solvents (g/100ml):

VOCs (q/I):

Viscosity, Dynamic @ 20 C (centipoise): Viscosity, Kinematic @ 20 C (centistrokes): Partition Coefficient/n-Octanol/Water:

Molecular Weight (g/mole):

Decomposition Temperature (C):

Not Determined

Not Determined

Not Determined

Not Determined

Not Determined Not Determined

Not Determined Not Determined

Not Determined

Not Determined

Not Determined Not Determined

Not Determined

#### STABILITY AND REACTIVITY

Stability Data:

Stable

Hazardous Polymerization:

Will Not Occur

Conditions to Avoid

None anticipated

Incompatibility (Materials to

Avoid)

Strong oxidizers.

Hazardous Decomposition

**Products** 

Toxic fumes. Carbon monoxide and carbon dioxide.

**Additional Guidelines** 

Not Applicable

#### TOXICOLOGICAL INFORMATION

**Principle Route of Exposure** 

Eye or skin contact, inhalation.

Inhalation

Inhalation of mist or heated vapors may cause respiratory irritation.

**Skin Contact** 

May cause mild skin irritation.

**Eye Contact** 

May cause eye irritation.

Ingestion

May cause abdominal pain, vomiting, nausea, and diarrhea.

Aggravated Medical Conditions None known.

Chronic Effects/Carcinogenicity No data available to indicate product or components present at greater than 1%

are chronic health hazards.

Other Information

None known.

**Toxicity Tests** 

**Oral Toxicity:** 

Not determined

**Dermal Toxicity:** 

Not determined

Inhalation Toxicity:

Not determined

Primary Irritation Effect:

Not determined

Carcinogenicity

Not determined

Genotoxicity:

Not determined

FANN HYDRAULIC OIL Page 3 of 5

Reproductive /

Not determined

**Developmental Toxicity:** 

#### **ECOLOGICAL INFORMATION**

Mobility (Water/Soil/Air)

Not determined

Persistence/Degradability

Not determined

**Bio-accumulation** 

Not Determined

#### **Ecotoxicological Information**

Acute Fish Toxicity:

Not determined

Acute Crustaceans

Not determined

Toxicity:

**Acute Algae Toxicity:** 

Not determined

**Chemical Fate Information** 

Not determined

Other Information

Not applicable

#### DISPOSAL CONSIDERATIONS

Disposal Method

Disposal should be made in accordance with federal, state, and local regulations.

**Contaminated Packaging** 

If empty container retains product residues, all label precautions must be observed. Transport with all closures in place. Return for reuse or disposal

according to national or local regulations.

#### TRANSPORT INFORMATION

#### **Land Transportation**

**ADR** Not restricted

#### Air Transportation

ICAO/IATA

Not restricted

#### Sea Transportation

IMDG

Not restricted

#### Other Shipping Information

Labels:

None

#### REGULATORY INFORMATION

EC Supply labeling

This product is not subject to the labeling requirements of EC Directives

Requirements

67/548/EEC and 88/379/EEC as amended.

Classification

Not Classified

FANN HYDRAULIC OIL Page 4 of 5

Risk Phrases

None

Safety Phrases

None

**EINECS Inventory** 

This product, and all its components, complies with EINECS

Germany, Water Endangering

WGK 1: Low hazard to waters.

Classes (WGK)

#### 16. OTHER INFORMATION

# The following sections have been revised since the last issue of this MSDS Not applicable

Additional Information

For additional information on the use of this product, contact your local Halliburton

representative.

For questions about the Material Safety Data Sheet for this or other Halliburton

products, contact Product Stewardship at 1-580-251-4335.

**Disclaimer Statement** 

This information is furnished without warranty, expressed or implied, as to accuracy or completeness. The information is obtained from various sources including the manufacturer and other third party sources. The information may not be valid under all conditions nor if this material is used in combination with other materials or in any process. Final determination of suitability of any material is the sole responsibility of the user.

\*\*\*END OF MSDS\*\*\*

District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Bill Research Artesia, NM 87410 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 Res

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

Submit Original Plus 1 Copy to Appropriate District Office

Form C-138 Revised March 17, 1999

SEP 03 2004

RECUEST FOR APPROVAL TO ACCEPTIONAL ASTE

REQUESTION ATTROVAL TO RECE	1220 C C THE WISTON
1. RCRA Exempt: Non-Exempt:	Santanes Manager Air Drilling
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: Energy Air Yard
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Energy Air Drilling
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) 6121 Hwy 64 Bloomfield 87413	Project #02058-005
9. Circle One:	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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 clapproved</li> </ul>	necessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for trans	port.
BRIEF DESCRIPTION OF MATERIAL:	
Contaminated soil resulting from spills created by vehicle maintenance.	
CWS and Analytical attached.	<b>30.</b> 55
Estimated Volumecy Known Volume (to be entered by the operator at	the end of the haul)cy
SIGNATURE Ballow TITLE: Landfarm Mar Waste Management Facility Authorized Agent	nager DATE: September 1, 2004
TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (505) 632-0615	;
APPROVED BY CONTROL OF THE FIRST OF THE FIRS	netal Englance \$7/2/04

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 Form C-138 Revised March 17, 1999

DATE:

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCE	PT SOLID WASTE
1. RCRA Exempt: ☐ Non-Exempt: ⊠	4. Generator: Energy Air Drilling
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: Energy Air Yard
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Energy Air Drilling
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) 6121 Hwy 64 Bloomfield 87413	Project #02058-005
9. Circle One:	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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</li> </ul>	necessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for trans	port.
BRIEF DESCRIPTION OF MATERIAL:	
Contaminated soil resulting from spills created by vehicle maintenance.  CWS and Analytical attached.	ON CONTROL SON
Estimated Volumecy Known Volume (to be entered by the operator at	the end of the haul)cy
SIGNATURE Waste Management Facility Authorized Agent  TITLE: Landfarm Man	nager DATE: September 1, 2004
TYPE OR PRINT NAME: <u>Brandon Powell</u> TELEPHONE NO: (505) 632-0615	
(This space for State Use)	

8-30-04; 3:07PM; ENVIROTECH



# 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:	
	Energy Air	Envirotech Inc. Soil Remediation Facility	
	6121 Hwy 64	Landfarm #2	
	Bloomfield NM 87413	Hilltop, New Mexico	
		. •	
		ocation of the Waste (Street address &/or ULSTR):	
	Energy Air yard (composite of the rest of the yard)	6121 Hwy 64	
		Bloomfield NM 87413	7
	·		~^ <b>3</b>
	attach list of originating sites as appropriate		7
	4. Source and Description of Waste	12 On 200 200	
	Contaminated soil resulting from spills created by ve	ehicle maintenance.	
	,		(
			1/2
	Leveld Tufly	" (Man (2))	Y
I,	Print Name	representative for:	
	Every Air	do hereby certify that, according to the Resource	
Conser	vation and Recovery Act (RCRA) and Environmental Protection		
	ed waste is: (Check appropriate classification)		
E		MPT oilfield waste which is non-hazardous by characteristi	С
	analysis or by	product identification	
	to the state of the state of the second seco	and any most a later of the six	
and tha	t nothing has been added to the exempt or non-exempt non -haz	ardous waste defined above.	
Enn NO	N-EXEMPT waste the following documentation is attached (ch	note announciate items).	
ror NO		er (description	
	RCRA Hazardous Waste Analysis	or (description	
	Chain of Custody		
This wa	aste is in compliance with Regulated Levels of Naturally Occ	urring Radioactive Material (NORM) pursuant to 20	
	3.1 subpart 1403.C and D.		
	0110-	<del></del>	—
Name (	Original Signature):		
	M . In		
Title:_	Member		
DL ·	Number: 505-634-0113		
rnone.			
Date:	or lagloy.		
Date			

8-30-04; 3:07PM; ENVIROTECH



# 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:
Energy Air	Envirotech Inc. Soil Remediation Facility
6121 Hwy 64	Landfarm #2
Bloomfield NM 87413	Hilltop, New Mexico
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
Energy Air yard (SW Corner of the yard)	6121 Hwy 64
-	Bloomfield NM 87413
attach list of originating sites as appropriate	•
4. Source and Description of Waste	· · · · · · · · · · · · · · · · · · ·
Contaminated soil resulting from spills created	by vehicle maintenance.
g. F.	
I Lende (mf/ly	representative for:
Print Name	
$\mathcal{L}$ $\Lambda$	
enungy Mir	do hereby certify that, according to the Resource
Conservation and Recovery Act (RCRA) and Environmental Prote	ection Agency's July, 1988, regulatory determination, the above
described waste is: (Check appropriate classification)	
207 1101	
	-EXEMPT oilfield waste which is non-hazardous by characteristic
analysis	or by product identification
and the second for the second decides the promote among around the	harman waste defined shows
and that nothing has been added to the exempt or non-exempt non	1—nazardous waste denned Boove.
The BYOM DWENARY wants the fallowing degree antition in otto the	and Calmark, annual and Samuell
For NON-EXEMPT waste the following documentation is attach MSDS Information	Other (description
RCRA Hazardous Waste Analysis	_Outer (description
Chain of Custody	· · · · ·
This waste is in compliance with Regulated Levels of Naturally	v Occurring Radioactive Material (NORM) pursuant to 20
NMAC 3.1 subpart 1403.C and D.	y Occurring Radioactive material (NORMs) pursuant to 20
Name (Original Signature): July & Luly	·
Author (Original Signature).	'
Title: Member	
	<del></del>
Phone Number: 505-634-0113	
	. ,
Date: Otlaaloy	



#### TRACE METAL ANALYSIS

Client:	Energy Air	Project #:	02058-004
Sample ID:	Sample 1	Date Reported:	08-31-04
Laboratory Number:	30297	Date Sampled:	08-27-04
Chain of Custody:	12877	Date Received:	08-27-04
Sample Matrix:	Soil	Date Analyzed:	08-31-04
Preservative:	Cool ·	Date Digested:	08-30-04
Condition:	Cool & Intact	Analysis Needed:	RCRA Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	0.004	0.001	5.0
Barium	0.092	0.001	100
Cadmium	ND	0.001	1.0
Chromium	0.003	0.001	5.0
Lead	0.004	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 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:

6121 US Hwy 64.

Analyst

Mistere M Walters
Review





#### TRACE METAL ANALYSIS

			•
Client:	Energy Air	Project #:	02058-004
Sample ID:	Sample 2	Date Reported:	08-31-04
Laboratory Number:	30298	Date Sampled:	08-27-04
Chain of Custody:	12877	Date Received:	08-27-04
Sample Matrix:	Soil	Date Analyzed:	08-31-04
Preservative:	Cool	Date Digested:	08-30-04
Condition:	Cool & Intact	Analysis Needed:	RCRA Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)	
		0.004		
Arsenic	0.006	0.001	5.0	
Barium	0.246	0.001	100	
Cadmium	ND	0.001	1.0	
Chromium	0.005	0.001	5.0	
Lead	0.007	0.001	5.0	
Mercury	ND	0.001	0.2	
Selenium	0.003	0.001	1.0	
Silver	ND	0.001	5.0	

ND - Parameter not detected at the stated detection limit.

References:

Method 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:

6121 US Hwy 64.

Analyst

Mustinem Walters
Review



# TRACE METAL ANALYSIS Quality Control / Quality Assurance Report

Client:	QA/QC	Project #:	. N/A
Sample ID:	08-31-04 QA/AC	Date Reported:	08-31-04
Laboratory Number:	30297	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	08-31-04
Condition:	N/A	Date Digested:	08-30-04

Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	ND	ND	0.001	0.004	0.004	0.0%	0% - 30%
Barium	ND	ND	0.001	0.192	0.190	1.0%	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	0.004	0.004	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	e Spiked	Percent	Acceptance
Conc. (mg/Kg)	Added		Sample	Recovery	Range
Arsenic	0.500	0.004	0.503	99.8%	80% - 120%
Barium	0.500	0.192	0.690	99.7%	80% - 120%
Cadmium	0.500	NĎ	0.500	100.0%	80% - 120%
Chromium	0.500	0.003	0.503	100.0%	80% - 120%
Lead	0.500	0.004	0.503	99.8%	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	0.500	100.0%	80% - 120%

ND - Parameter not detected at the stated detection limit.

References:

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

SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision

Spectorscopy, SW-846, USEPA, December 1996.

Comments:

QA/QC for samples 30297 - 30298.

nalyst

Review Walter

# 12877

# **CHAIN OF CUSTODY RECORD**

Client / Project Name Project Location ANALYSIS / PARAMETERS					<del> </del>									
EnergyArc			6121 US	5 HW46H				ANALY	SIS / PAH	AMETERS				
Samplei. KPK			Client No.	-00#	No. of Containers	4					Remar	ks		
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	Control	ACCA 8	192							_
sample 1			7	50:1	(	V								
SOMPLE 2	8/27/04	1600	30298	5011	1	<b>/</b>								
			· ·											
		i i												
,	·	*				<u> </u>								
	!	<u> </u>			<u> </u>	-								
											:			
					-									
												. =1**		
	1	<u> </u>		Date Time Rece		(Cianati					Doto		Tim	
Relinguished by Signatu	re)				eived by:	i -		Wal	tes		Date 8/27/0	,4 1	um Gil	
Relinquished by: (Signatu	(e)			Rece	eived by:	(Signati	ure)				Sper po			•
Relinquished by: (Signatu	re)			Rece	eived by:	: (Signati	ure)						-	
				ENVIROTE			<u></u>			Samp	ole Recei	pt		
			Ī								Y	- T	N	N/A
				5796 U.S. Hig Farmington, New I	ghway	64				Received Inta	ct V			
			.,,	(505) 632-		,				Cool - Ice/Blue	Ice 🗸			

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

State of New Mexico
Energy Minerals and Natural Resources

Form C-138 Revised March 17, 1999

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

AUG 2 3 2004

OIL CONSERVATION

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: San Juan 32-8 Unit #245				
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA				
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico				
7. Location of Material (Street Address or ULSTR) "K" Sec 14, T31N, R8W, San Juan County	Project #96052-143				
9. Circle One:	4				
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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 claapproved</li> </ul>	necessary chemical analysis to PROVE the				
All transporters must certify the wastes delivered are only those consigned for transporters	port.				
BRIEF DESCRIPTION OF MATERIAL:					
Lube oil contaminated soil from a leaking compressor.  CWS and MSDS attached.	AUG 2004  OL COMO. DIV.  OL COMO. DIV.				
Estimated Volume~18cy Known Volume (to be entered by the operator at the	1/2 Jan				
SIGNATURE Waste Management Facility Authorized Agent  TITLE: Landfarm Man	nager DATE: August 10, 2004				
TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (50	05) 632-0615				
APPROVEDBY:  APPRO	DATE: 8/24/01				

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

Submit Original Plus 1 Copy to Appropriate District Office

# REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

REQUEST FOR ALL ROVAL TO ACCE	I SOLID WASIE
1. RCRA Exempt: Non-Exempt:	4. Generator: Conoco Phillips
Verbal Approval Received: Yes No No	5. Originating Site: San Juan 32-8 Unit #245
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) "K" Sec 14, T31N, R8W, San Juan County	Project #96052-143
9. Circle One:	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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 claapproved</li> </ul>	necessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transporters	port.
BRIEF DESCRIPTION OF MATERIAL:  Lube oil contaminated soil from a leaking compressor.  CWS and MSDS attached.  Estimated Volume~18_cy Known Volume (to be entered by the operator at the	AUG 2000  Control Cont
SIGNATURE Waste Management Facility Authorized Agent  TITLE: Landfarm Man	ager DATE: August 10, 2004
TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (50	05) 632-0615
(This space for State Use)  APPROVED BY:  THEE:  THEE:	Engr DATE: 8/18/04 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**

	Generator Name and Address		2. Destination Name:
	ConocoPhillips Company		Envirotech Inc. Soil Remediation Facility
	5525 Hwy. 64		Landfarm #2
	Farmington, NM 87401		Hilltop, New Mexico
	3. Originating Site (name):	Lo	ocation of the Waste (Street address &/or ULSTR):
	San Juan 32-8 Unit #245		nit K, Section 14, T31N, R8W
	Sair Caar 32 Contrib		06' FSL & 1669' FWL
	API # 30-045-28322		n Juan County, New Mexico
	attach list of originating sites as appropriate		ir tuan County, 11011 Mexico
	4. Source and Description of Waste		
		e oil from a le	eaking compressor. See attached MSDS for
	information.		
ĭ	Monica D. Olson		representative for :
ــــــــــــــــــــــــــــــــــــــ	Print Name		
	ConocoPhillips Company	,	do hereby certify that, according to the Resource
Conser		ental Protection	Agency's July, 1988, regulatory determination, the above
	bed waste is: (Check appropriate classification)	iontai i rotootion	rigoney svary, 1900, regulatory determination, the above
	TOWERS ADDRESS OF THE STATE OF	V MONTEV	ENATET all Calders of subject in the second and have been decided in
	EXEMPT oilfield waste		EMPT oilfield waste which is non-hazardous by characteristic product identification
and the	at nothing has been added to the evenut or non a		•
and in	at nothing has been added to the exempt or non-e	xempt non –naz	ardous waste defined above.
For <b>N</b> (	ON-EXEMPT waste the following documentation	n is attached (ch	eck appropriate items):
	X MSDS Information		er (description
	RCRA Hazardous Waste Analysis		
	Chain of Custody		
This w	vaste is in compliance with Regulated Levels of	Naturally Occ	urring Radioactive Material (NORM) pursuant to 20
	C 3.1 subpart 1403.C and D.	Truturung Gee	pulsual to 20
Name	(Original Signature): MMW O Oban		
			•
Title:_	HSE & Regulatory Technician		
Phone	Number: 505-599-3458		
Date:	August 10, 2004		
_			

#### MATERIAL SAFETY DATA BULLETIN

#### 1. PRODUCT AND COMPANY IDENTIFICATION

APPROVAL DATE: 12/09/94

PRODUCT NAME: MOBIL DELVAC 1200 SUPER 15W-40

SUPPLIER: MOBIL OIL CORP.

PRODUCTS AND TECHNOLOGY DEPT.

3225 GALLOWS RD. FAIRFAX, VA 22037

24 - Hour Emergency (call collect): 609-737-4411

Product and MSDS Information: 800-662-4525 703-849-3265 CHEMTREC: 800-424-9300 202-483-7616

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

#### INGREDIENTS CONSIDERED HAZARDOUS TO HEALTH:

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

See Section 8 for exposure limits (if applicable).

#### 3. HAZARDS IDENTIFICATION

US OSHA HAZARD COMMUNICATION STANDARD: Product assessed in accordance with OSHA 29 CFR 1910.1200 and determined not to be hazardous.

EFFECTS OF OVEREXPOSURE: No significant effects expected.

EMERGENCY RESPONSE DATA: Brown Liquid. DOT ERG No. - NA

#### 4. FIRST AID MEASURES

EYE CONTACT: Flush thoroughly with water. If irritation occurs, call a physician.

SKIN CONTACT: Wash contact areas with soap and water.

INHALATION: Not expected to be a problem.

INGESTION: Not expected to be a problem. However, if greater than 1/2 liter(pint) ingested, immediately give 1 to 2 glasses of water and call a physician, hospital emergency room or poison control center for assistance. Do not induce vomiting or give anything by mouth to an unconscious person.

#### 5. FIRE-FIGHTING MEASURES

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

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

SPECIAL PROTECTIVE EQUIPMENT: For fires in enclosed areas, fire fighters must use self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None. Flash Point C(F): > 198(388) (ASTM D-92). Flammable limits - LEL: NA, UEL: NA. NFPA HAZARD ID: Health: O, Flammability: 1, Reactivity: O HAZARDOUS DECOMPOSITION PRODUCTS: Metal oxides. Carbon monoxide. 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 threshold limit value of 5.00 mg/m3 is suggested for oil mist.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

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

APPEARANCE: Liquid

COLOR: Brown

ODOR: Mild

ODOR THRESHOLD: NA

pH: NA

BOILING POINT C(F): > 316(600)

MELTING POINT C(F): NA

FLASH POINT C(F): > 198(388) (ASTM D-92)

FLAMMABILITY: NA

AUTO FLAMMABILITY: NE

**EXPLOSIVE PROPERTIES: NA** 

OXIDIZING PROPERTIES: NA

VAPOR PRESSURE-mmHg 20 C: < 0.1

VAPOR DENSITY: > 2.0

EVAPORATION RATE: NA

RELATIVE DENSITY, 15/4 C: 0.881

SOLUBILITY IN WATER: Negligible

PARTITION COEFFICIENT: > 3.5

VISCOSITY AT 40 C, cSt: 105.7

VISCOSITY AT 100 C, eSt: > 13.5

POUR POINT C(F): < -30(-22)

FREEZING POINT C(F): NE

VOLATILE ORGANIC COMPOUND: EXEMPT IN U.S.

NA=NOT APPLICABLE NE=NOT ESTABLISHED D=DECOMPOSES

FOR FURTHER TECHNICAL INFORMATION, CONTACT YOUR MARKETING REPRESENTATIVE

#### 10. STABILITY AND REACTIVITY

STABILITY (THERMAL, LIGHT, ETC.): Stable CONDITIONS TO AVOID: Extreme heat. INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers. HAZARDOUS DECOMPOSITION PRODUCTS: Metal oxides. Carbon monoxide. 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
- INHALATION TOXICITY (RATS): Practically non-toxic (LC50: greater than 5 mg/l). --- Based on testing of similar products and/or the
- EYE IRRITATION (RABBITS): Practically non-irritating. (Draize score: greater than 6 but 15 or less).
- SKIN IRRITATION (RABBITS): Practically non-irritating. (Primary Irritation Index: greater than 0.5 but less than 3).
- OTHER ACUTE TOXICITY DATA: The acute toxicological results summarized above are based on testing of representative Mobil products. Exposure to vapors generated at 400F at levels 400 times the TLV for oil mists (5 mg/m3), then cooled to room temperature, resulted in no significant adverse effects.

#### ---SUBCHRONIC TOXICOLOGY (SUMMARY)---

- Representative Mobil formulations have been tested at the Mobil Environmental and Health Sciences Laboratory by dermal applications to rats 5 days/week for 90 days at doses significantly higher than those expected during normal industrial exposure. Extensive evaluations, including microscopic examination of internal organs and clinical chemistry of body fluids, showed no adverse effects.
- --- REPRODUCTIVE TOXICOLOGY (SUMMARY) ---
- Dermal exposure of pregnant rats to representative formulations did not cause adverse effects in either the mothers or their offspring.

#### ---CHRONIC TOXICOLOGY (SUMMARY)---

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

(Section continued next page)

#### ---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:

Acute LC/EC50 Fish: Juvenile Rainbow Trout: Practically non-toxic --- Based on testing of similar products.

#### 13. DISPOSAL CONSIDERATIONS

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

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

#### 14. TRANSPORT INFORMATION

USA DOT: NOT REGULATED BY USA DOT.

RID/ADR: NOT REGULATED BY RID/ADR.

IMO: NOT REGULATED BY IMO.

IATA: NOT REGULATED BY IATA.

#### 15. REGULATORY INFORMATION

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

EU Classification and Labeling: EU labeling not required.

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

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

This product contains the following SARA (313) Toxic Release Chemicals:

CHEMICAL NAME	CAS NUMBER	CONC.
THE REAL PROPERTY AND THE	**** **** **** **** **** **** *** ***	## ## ## ## ## ##
PHOSPHORODITHOIC ACID, 0,0-DI	68649-42-3	1.22%
C1-14-ALKYL ESTERS, ZINC SALTS		•
(2:1) (ZDDP)		*

The following product ingredients are	cited on the li	sts below:
CHEMICAL NAME	CAS NUMBER	LIST CITATIONS
ZINC (ELEMENTAL ANALYSIS) (0.13%)	7440-66-6	22
PHOSPHORODITHOIC ACID, 0,0-DI	68649-42-3	18, 20, 21, 22, 24,
C1-14-ALKYL ESTERS, ZINC SALTS (2:		25
1) (ZDDP) (1.22%)		

--- REGULATORY LISTS SEARCHED --1 = ACGIH ALL 6 = IARC 1 11 = TSCA 4 17 = CA 1

1 = ACGIH ALL 6 = IARC 1 11 = TSCA 4 17 = CA P65 22 = MI 293 2 = ACGIH A1 7 = IARC 2A 12 = TSCA 5=2 18 = CA RTK 23 = MN RTK 3 = ACGIH A2 8 = IARC 2B 13 = TSCA 5= 19 = FL RTK 24 = NJ RTK 4 = NTP CARC 9 = OSHA CARC 14 = TSCA 6 20 = IL RTK 25 = PA RTK

5 - NTP SUS 10 - OSHA Z 15 - TSCA 12b 21 - LA RTK 26 - RI RTK

Code key: CARC = Carcinogen; SUS = Suspected Carcinogen

16. OTHER INFORMATION

CHEMICAL NAMES AND SYNONYMS: PET. HYDROCARBONS AND ADDITIVES

· USE: ENGINE OIL

NOTE: MOBIL PRODUCTS ARE NOT FORMULATED TO CONTAIN PCBS.

See container label for ingredient information.

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

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

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Prepared by: Mobil Oil Corporation Environmental Health and Safety Department, Princeton, NJ District I
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 ACCEP	'I SOLID WASTE
1. RCRA Exempt: Non-Exempt:	4. Generator: Compressor Systems Inc.
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: San Juan 32-8 #237
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) 1790'FNL, 1093'FEL, Sec 23, T31N, R8W, San Juan County	Project #01038-027
<ul> <li>9. Circle One: <ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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 class approved</li> <li>All transporters must certify the wastes delivered are only those consigned for transporters DESCRIPTION OF MATERIAL:</li> </ul> </li> </ul>	ecessary chemical analysis to PROVE the assified hazardous by listing or testing will be
BRIEF DESCRIPTION OF MATERIAL:	
Soil contaminated with screw compressor oil generated when an oil line browth production stream.  CWS and analytical attached.	oke. Material may not have been in contact
Verbal given by DGF  Estimated Volumecy Known Volume (to be entered by the operator at the er	and of the haul)
SIGNATURE JUNE & CUPUL TITLE: Landfarm Man: Waste Management Facility Authorized Agent	ager DATE: July 20, 2004
TYPE OR PRINT NAME: Landrea Cupps TELEPHONE NO: (50	<u>95) 632-0615</u>
APPROVED BY: 1. Carry Terry TITLE: Enviro/E	DATE: 7/28/09

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

Fisher 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

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	I SOBID WILDIE				
RCRA Exempt:	4. Generator: Compressor Systems Inc.				
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All transporters must certify the wastes delivered are only those consigned for transp	ort.				
BRIEF DESCRIPTION OF MATERIAL:					
Soil contaminated with screw compressor oil generated when an oil line between the production stream.  CWS and analytical attached.  Verbal Given Day  Estimated Volumecy Known Volume (to be entered by the operator at the en	S. V. E. D. P. S. V.				
SIGNATURE JUNAL & K. U.P. J. TITLE: Landfarm Mana Waste Management Facility Authorized Agent	ger DATE: <u>July 20, 2004</u>				
TYPE OR PRINT NAME: Landrea Cupps TELEPHONE NO: (505)	5) 632-0615				
(This space for State Use)  APPROVED BY: TITLE: Envol	Engr DATE: 7/23/04				
APPROVED BY: TITLE:	DATE:				





# NEW MEXICO ENERGY, MINERALS and 'NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

ASTE STATUS

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WAS 2. Destination Name: 1. Generator Name and Address Environech Inc Soil Remediation Facility Compressor Systems Inc. P.O. Box 1886 Landfarm #2 Bloomfield, New Mexico 87413 Hilltop, New Mexico Location of the Waste (Street address &/or ULSTR): 3. Originating Site (name): 1790'fnl 1093' fel sec 23,t-31-n, r-8-w san jaun 32-8#237 attach list of originating sites as appropriate 4. Source and Description of Waste Soil contaminated with screw compressor oil generated when an oil line broke. Material contact with the production stream. Mitchell Davis Print Name Compressor Systems 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) 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): 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: tech Phone Number: (505) 632-5501

07/12/04



# SUSPECTED HAZARDOUS WASTE ANALYSIS

Client:

CSI

Project #:

01038-027

Sample ID:

#1

Date Reported: Date Sampled:

07-14-04

Lab ID#:

29538

07-12-04

Sample Matrix:

Soil

Date Received:

07-12-04

Preservative:

Cool

Date Analyzed:

07-14-04

Condition:

Cool and Intact

Chain of Custody:

12538

**Parameter** 

Result

**IGNITABILITY**:

Negative

**CORROSIVITY:** 

Negative

pH = 7.91

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:

32-8 #237.

Analvst

Review



#### TRACE METAL ANALYSIS

Client:	CSI	Project #:	01038-027
Sample ID:	#1	Date Reported:	07-19-04
Laboratory Number:	29538	Date Sampled:	07-12-04
Chain of Custody:	12538	Date Received:	07-12-04
Sample Matrix:	Soil	Date Analyzed:	07-19-04
Preservative:	Cool	Date Digested:	07-13-04
Condition:	Cool & Intact	Analysis Needed:	RCRA Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	0.006	0.001	5.0
Barium	0.196	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	0.002	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:

32-8 #237.

Analyst

Review Malters



# TRACE METAL ANALYSIS Quality Control / Quality Assurance Report

Client:		QA/QC	•	D14#				
				Project #:		N/A		
Sample ID:		07-19-04 QA/AC		Date Repo		07-19-04		
Laboratory Number:		29520		Date Sam		N/A		
Sample Matrix:		Soil		Date Rece	eived:	N/A		
Analysis Requested:		Total RCR	A Metals	Date Anal	•	07-19-04		
Condition:		N/A		Date Dige	sted:		07-12-04	
Blank & Duplicate	ine fri imant	// Method	√ ⊭ %€ Detēćti	on Sample	Duplicate	Conservation	Acceptance	
	Blank (mg/L		⊔mi		Duplicate	Diff.	Range	
Arsenic	ND	ND	0.001	0.006	0.006	0.0%	0% - 30%	
Barium	ND	ND	0.001	0.221	0.220	0.5%	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	0.002	0.002	0.0%	0% - 30%	
Silver	ND	ND	0.001	ND	ND	0.0%	0% - 30%	
			issa kan sa		THE OF MALE WAS ASSETTED.			
Spike Conc√(mg/Kg)		Spike Added 2,	Sampl	e Spiked : Sample	<b>想是一次的意思的现在分</b>		Acceptance Range	
\$466mc#(iiiaii\a\)		E MAGGG SA	A WASHING	Service Service		an series de	Many Many	
Arsenic		0.500	0.006	0.505	99.8%	80% - 120%		
Barium		0.500	0.221	0.720	99.9%	80% - 120%		
Cadmium		0.500	ND	0.500	100.0%		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	0.050	100.0%		80% - 120%	
Selenium		0.500	0.002	0.501	99.8%		80% - 120%	
Silver		0.500	ND	0.500	100.0%		80% - 120%	
							· - · - · - · - · - · - · - · - · -	

ND - Parameter not detected at the stated detection limit.

References:

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

SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision

Spectorscopy, SW-846, USEPA, December 1996.

Comments:

QA/QC for samples 29520 - 29523, 29536 - 29539, 29551 - 29552.

Analyst

Review

Client / Project Name			Project Location 32-8 #	237					<	ANALYSIS / PA	ARAMETERS			
Sampler: M. Davis		1	Client No. 011)38-				Containers		neta neta			Rema	arks	
Sample No./ Identification	Sample Date	Sample Time	Lab Number		Sample Matrix	2	Conta	3	8 C C	,				,
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	1													Marie Van de San
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Relinquished by: (Signa	iture)					Receiv	ed by:	(Signat	ture)				1	
				ENV	/IRO	TE(	<b>ZH</b>		C.			Sample Re	ceipt	
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					nington, N	Vew M	exico		)1		Received			
					(303)	632-0	010				Cool - Ice/	Rine ice	$\nu$	ł

District I 1625 N. French Dr., Hobbs, NM 88210
District III
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 874101

District IV
1220 S. St. Francis Dr., Santa QUM GONSERVATION

REQUEST FOR APPROVAL TO ACCEPT SOLID WA

Form C-138 Revised March 17, 1999

> Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCE	PT SOLID WASTE
RCRA Exempt:	Generator U.S. Department of Emergy, National Nuclear Security Administration, Nevada Site Office
	5. Originating Site: Gasbuggy
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) SW/4, Sec 36, T29N, R4W, Rio Arriba County, Carson National Forest, Jicarilla Ranger District	Project #04118-001
9. Circle One:	
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 material is not-hazardous and the Generator's certification of origin. No waste clapproved	necessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for trans	port.
Contaminated drilling mud from 4 pits: Well GB-E Mud Pit A, Well GB-Well GB-D Mud Pit. Wastewater may be generated from decontamination CWS attached.	
Estimated Volume 5000 cy Known Volume (to be entered by the operate	or at the end of the haul)cy
SIGNATURE JUNGUL K. UPOJ TITLE: Landfarm Mar Waste Management Facility Authorized Agent	nager DATE: July 7, 2004
TYPE OR PRINT NAME: Landrea Cupps TELEPHONE NO: (5)	05) 632-0615
APPROVED BY: BY	mental/Ergy DATE 7/23/04  ENGR. H. DATE 7/25/04

District I 1625 N. French Dr., Hobbs, NM 88240 District !! 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 Q 1220 South St. Francis Pr. Santa Fe, NM 87505

Form C-138 Revised March 17, 1999

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACOUS		
RCRA Exempt:	4. Generator: U.S. Department of Energy, National Nuclear Security Administration, Nevada Site Office	
	5. Originating Site: Gasbuggy	
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) SW/4, Sec 36, T29N, R4W, Rio Arriba County, Carson National Forest, Jicarilla Ranger District	Project #04118-001	
9. <u>Circle One</u> :		
A. All requests for approval to accept oilfield exempt wastes will be accompanied by	y 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	port.	
BRIEF DESCRIPTION OF MATERIAL:		
Contaminated drilling mud from 4 pits: Well GB-E Mud Pit A, Well GB-Well GB-D Mud Pit. Wastewater may be generated from decontamination		
CWS attached.		
Estimated Volume 5000cy Known Volume (to be entered by the operator at the end of the haul)cy		
SIGNATURE MANAGEMENT Facility Authorized Agent  TITLE: Landfarm Man	nager DATE: July 7, 2004	
TYPE OR PRINT NAME: Landrea Cupps TELEPHONE NO: (50	05) 632-0615	
(This space for State Use)		
APPROVED BY: Leny Foury TITLE En No/	Engy DATE 7/23/04	
APPROVED BY:	DATE:	



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

#### **BILL RICHARDSON**

Governor Joanna Prukop Cabinet Secretary



Lori Wrotenbery
Director
Oil Conservation Division

<b>CERTIFICATE OF</b>	WASTE STATU	S
-----------------------	-------------	---

1. Generator Name and Address	2. Destination Name:	
U.S. Department of Energy	Envirotech Inc. Soil Remediation Facility	
National Nuclear Security Administration	Landfarm #2	
Nevada Site Office	Hilltop, New Mexico	
Las Vegas, NV		
3. Originating Site (name): Location of the Waste (Street address &/or ULSTR):		
Gasbuggy Site, Rio Arriba County, Carson National Forest, Jicarilla Ranger District, East of		
Farmington, New Mexico		
SW 1/4 of Section 36, Township 29 North, Range 4 W	Vest, New Mexico Principal Meridian	
And the control of the control of the		
Attach list of originating sites as appropriate  4. Source and Description of Waste		
Excavation of contaminated (>100 mg/kg TPH) drill	ing mud from four locations: Well GR-E Mud Pit	
A, Well GB-E Mud Pit D, Well GB-E Mud Pit E, and		
generated from decontamination of equipment during		
generated from decontainination of equipment during	5 Hold dollythos.	
Timothy R. Echelard re	presentative for :	
Print Name	·	
TIGD (CD NIC 1NL 1 of mate A facility state	/N	
US Department of Energy, National Nuclear Security Administratio that, according to the Resource Conservation and Recovery Act (RCRA)		
regulatory determination, the above described waste is: (Check appropr		
Comments and the first term of	······································	
	T oilfield waste which is non-hazardous by characteristic	
analysis or by p	product identification	
and that nothing has been added to the exempt or non-exempt non —haza	ordous waste defined above.	
and that housing has been added to the exempt of how exempt now	additional delinest too vo.	
For NON-EXEMPT waste the following documentation is attached (ch	eck appropriate items):	
MSDS Information Other	er (description	
RCRA Hazardous Waste Analysis		
Chain of Custody		
This wests is in compliance with Deculated Levels of Naturally Occ	urring Padioactive Material (NODM) numeriant to 20	
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		
(i) & i- C		
Name (Original Signature): / www. A Eliza		
u		
Title: Task Manager, Stoiller Navarro joint Venture, subcontracted to the DOE NNSA/NSO		
Dhana Numban 702 205 2042		
Phone Number: 702-295-2043  Date: 7-7-2004		

## **Summary of Corrective Action Plan**

This summary describes the corrective action that the National Nuclear Security Administration, Nevada Operations Office (NNSA/NV) proposes to be completed at the Gasbuggy Site. The primary objective of the corrective action is to remove approximately 5,000 cubic yards of drilling mud containing Total Petroleum Hydrocarbons (TPH) above the agreed upon limit of 100 milligrams per kilogram (mg/Kg), while minimizing impact to the surrounding environment.

The Gasbuggy Site is located approximately 55 air miles east of Farmington, New Mexico, in Rio Arriba County within the Carson National Forest. The corrective action site includes the previously disturbed areas consisting of the drilling mud pits in the surface ground zero (SGZ), and the Well GB-D areas. The use of these lands for Project Gasbuggy was established in a Memorandum of Understanding, dated March 23, 1967, between the U.S. Department of Agriculture's U.S. Forest Service (USFS) and the U.S. Atomic Energy Commission (AEC) (predecessors to the U.S. Department of Energy [DOE]). Additionally, by land withdrawal action of Public Order 4232, dated June 22, 1967, the U.S. Department of the Interior, Bureau of Land Management (BLM) withdrew from all forms of appropriation, including mining and mineral leasing laws, and reserved for use by the AEC the surface and subsurface of lands within Section 36, Township 29 north, Range 4 west, New Mexico Principal Meridian.

The remediation effort will consist of the following construction / excavation activities:

- 1. Mobilization of required equipment, materials, and personnel; and set-up of temporary office and storage areas in the SGZ previously established area.
- 2. Installation of temporary control fences, and erosion and sedimentation controls at SGZ and the Well GB-D Area, including straw bale check dams, and silt fences.
- 3. Construction of access roads, stabilized exits, and a temporary weigh scale, at Surface Ground Zero (SGZ) and the Well GB-D Area.
- 4. Removal of overburden material (clean soil) and storage at temporary stockpile location within the boundaries of the original site.
- 5. Excavate Total Petroleum Hydrocarbon (TPH) Diesel Range Organics (DRO) contaminated drilling mud from 3 mud pits associated with well GBE in the SGZ area, and the Well GB-D Mud pit according to approved drawings.
- 6. Transport all (~5000 cy) TPH-DRO contaminated drilling mud to the Envirotech, Inc. land farm in Bloomfield, New Mexico.
- 7. Perform confirmatory sampling and additional excavation as needed.
- 8. Place gravel from temporary access road, and overburden material (clean soil) in mud pit excavations.
- 9. Place topsoil cover over overburden material.
- 10. Grade all disturbed areas.
- 11. Revegetate mud pits, and all disturbed areas.

Upon completion of field activities new as-built drawings and documents will be generated showing the new contours and drainage.

# Statement of Work / Requested Services for Envirotech

#### Scope:

The scope of services requested from Envirotech for the Gasbuggy project includes: the transportation and disposal of approximately 4200- 5000 cubic yards of TPH-DRO contaminated soils; the pick-up and disposal of process generated waste water from either decontamination efforts or trapped runoff water; lab testing of confirmatory field samples for TPH; disposal of sanitary waste as needed.

### Responsibilities:

The Stoller-Navarro Joint Venture (SNJV) will provide all of the site preparation, excavation, loading, decontamination, and weighing of transport vehicles. SNJV will also: maintain site control and safety; collect all field and confirmatory samples; conduct onsite clean-up and decontamination of sampling equipment.

Envirotech will be responsible for the safety and conduct of drivers during the transport and disposal of TPH contaminated soils, and the transport and disposal of associated waste water.

### Requested services:

Provide insured, qualified, CDL drivers and transport vehicles meeting all DOT requirements to meet a minimum of twenty-four 15 yard or better hauls per working day (12 trucks 2 trips per day) for the transport of 4200 to 5000 cubic yards of TPH-DRO contaminated soils from the Gasbuggy site to the Envirotech landfarm. Route of travel would be US 34 east of Jicarilla road J10 south approximately 8 miles to FS road 357 then west approximately one mile to the site.

Dispose of transported contaminated soils in an area permitted by the New Mexico OCD for acceptance of non-hazardous oilfield-contaminated solid waste (Envirotech Landfarm #2).

Provide vacuum truck service for the pumping and disposal of process related waste water resulting from either decontamination or trapped runoff water. Waste water will be held in a 5,000 gallon Frac tank on site. It is not anticipated the more than 5,000 gallons of waste water will be generated for disposal.

Provide laboratory services for analysis of 50-60 field screening samples to include Total Petroleum Hydrocarbons and 1,2,4-trimethylbenzene. Samples would be submitted in groups of 4-10 with delivery prior to 3 PM and results expected the next day.

Provide disposal of process generated industrial and decontamination related waste to include gloves, towels, boot covers, and other miscellaneous waste. Sanitary waste would be delivered to a location of Envirotech's choosing.

Provide certified clean fill soils as needed to backfill and contour site back to original conditions. The amount of required fill will not be known until contouring has begun but is expected to range from none to less then 1500 cubic yards.

#### Work schedule:

The work schedule is driven by two factors, one being weather and the other being the need to transport all of the contaminated soils by September 3, 2005. Based on 24 hauls per day of 15

yards per haul 14 days would be needed, allowing for weather or equipment related delays a total of 18 days is permitted.

Transport would be conducted on a six day week from Monday through Saturday. Due to the weather pattern of anticipated rains in the afternoons the first truck should be available for loading on the site at dawn (6 AM) with trucks paced on 20 minute intervals. This schedule and the dates of request may be altered with the availability of either more hauls per day or larger capacity trucking.

### Dates of request:

The current work plan would start with the first trucks being loaded at dawn (6 AM) on August 16<sup>th</sup> and continuing until completed (estimated to be NLT September 3<sup>rd</sup>).

### **Contingencies:**

In the event of inclement weather or the deterioration of access roads transportation shall cease until such time as the roads become safely passable. This decision will be made on a daily basis and be a collaborative effort on the SNJV and Envirotech management.

#### **Deliverables / Documentation:**

#### Before Start:

Documentation of driver qualification, CDL, and vehicle DOT inspections shall be available for inspection either in the Envirotech office or with the individual driver.

Certificates of insurance for all trucks stating a minimum of: Workers Compensation - \$1,000,000 per occurrence. Comprehensive General Liability - \$5,000,000.00 per occurrence.

#### Post activity:

Certificate of disposal for disposed of soils.

Certificate of disposal for disposed of waste water.

Certificates for clean fill soil if needed

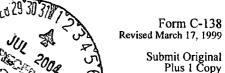
Sample result forms

Signed shipping forms for each transport.

District I
1301 W. Grand Avenue, Artesia, NM 88210
District III
1301 W. Grand Avenue, Artesia, NM 88210
District IIII
1000 Bis Person Read Artes NM 87410 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 ACCEP & 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: 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	
<ul> <li>9. Circle One: <ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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 classian approved</li> <li>All transporters must certify the wastes delivered are only those consigned for transporters DESCRIPTION OF MATERIAL:</li> </ul> </li> </ul>	ecessary chemical analysis to PROVE the assified hazardous by listing or testing will be	
Soil stained with used lubricating oil and amine. Material was previously a received. Additional material is now in pile so another analysis was conducted and Analytical Attached along with original approval paperwork.	<del></del>	
Estimated Volume 600 cy Known Volume (to be entered by the operator at the end o	of the haul)cy	
SIGNATURE JUNE P. C. C. TITLE: Landfarm Man. Waste Management Facility Authorized Agent	ager DATE: July 1, 2004	
TYPE OR PRINT NAME: Landrea Cupps TELEPHONE NO: (50	<u>05) 632-0615</u>	
APPROVED BY APPROVED BY APPROVED BY TITLE EARLY TITLE EARLY TITLE EARLY TITLE EARLY TITLE EARLY	DATE 7/13/04	

District I 1625 N. French Dr., Hobbs, NM 88240 District II \(\frac{\text{Missure III}}{\text{J000 Rio Brazos Road, Aztec, NM 87410}}\) 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 875053

Revised March 17, 1999

Submit Original Plus 1 Copy to Appropriate District Office

Form C-138

REQUEST FOR APPROVAL TO ACCEPTE QLID 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: 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	
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 material is not-hazardous and the Generator's certification of origin. No waste classification	ecessary chemical analysis to PROVE the	
All transporters must certify the wastes delivered are only those consigned for transp	port.	
BRIEF DESCRIPTION OF MATERIAL:		
Soil stained with used lubricating oil and amine. Material was previously a received. Additional material is now in pile so another analysis was conducted.		
CWS and Analytical Attached along with original approval paperwork.		
Estimated Volume 600 cy Known Volume (to be entered by the operator at the end of	of the haul)cy	
SIGNATURE JUNE R. CONTROLL TITLE: Landfarm Man Waste Management Facility Authorized Agent	ager DATE: July 1, 2004	
TYPE OR PRINT NAME: Landrea Cupps TELEPHONE NO: (50	05) 632-0615	
(This space for State Use)		
APPROVED BY: Deny Zeny TITLE: Frie	1 Fig. DATE: 7/1/04	
APPROVED BY:	DATE:	



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

#### **BILL RICHARDSON**

Governor Joanna Prukop Cabinet Secretary



Mark E. Fesmire
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

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):	
Chaco Plant	NW/4, Section 16, T26N, R12W, San Juan Co., NM	
attach list of originating sites as appropriate		
4. Source and Description of Waste Soil contaminated with amine and lubricating oil		
Son containmated with annie and idoneating on		
I, David Bays Print Name	representative for:	
El Paso Field Services Co. do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988 regulatory determination, the above described waste is: (Check appropriate classification)		
EXEMPT Oilfield waste    NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification  and that nothing has been added to the exempt or non-hazardous waste defined above.		
For NON-EXEMPT waste only, the following docum	nentation is attached (check appropriate items):	
MSDS Information Other (description)  X RCRA Hazardous Waste Analysis Chain of Custody		
	Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1	
subpart 1403.C and D.		
Name (Original Signature):	l Bays	
Title: Principal I	Environmental Scientist	
Date: June 24, 2	2004	
	1000 Rio Brazos Road * Aztec, NM87410 Fax (505) 334-6170 * http://www.emnrd.state.nm.us	

June 23, 2004

Project #97057-085

Mr. David Bays
El Paso Field Services
614 Reilly Avenue
Farmington, New Mexico 87401

Phone (505) 599-2256 Fax (505) 599-2119

RE: CHACO STATION ANALYTICAL RESULTS

Dear Mr. Bays:

Attached, please find the analytical results for RCRA (8) Metals Analyses performed on a 5-Point Composite Sample taken from the stockpile of used lubricating oil and a sample taken from drummed Amine located at the Chaco Plant. Envirotech took these samples on June 7, 2004.

The lubricating oil stained soil was previously approved for acceptance by the NMOCD in July of 2003 but the material was never received. Based on these analytical results, the material should be acceptable for remediation at the NMOCD Permitted Soil Remediation Facility, Landfarm #2 (Permit No. NM-01-0011), located near Hilltop, New Mexico. Please submit a new Certificate of Waste Status for the soil and amine so that Envirotech can complete the paperwork required by the NMOCD. A Certificate was faxed to your office for this material on June 22, 2004.

Should you have any questions or need any additional information in order to complete the Certificate of Waste Status, please do not hesitate to contact our office at (505) 632-0615. Your timely response to this matter will be greatly appreciated.

Sincerely,

ENVIROTECH INC.

Landrea Cupps

Landfarm Manager

ljackson@envirotech-inc.com

Attached:

Analytical Results

LRC:office/client/LF/97057 EPFS/97057-085/062304 Results.doc



### TRACE METAL ANALYSIS

•	•		
Client:	EPFS	Project #:	97057-085
Sample ID:	Amine	Date Reported:	06-08-04
Laboratory Number:	28966	Date Sampled:	06-07-04
Chain of Custody:	12256	Date Received:	06-07-04
Sample Matrix:	Solid	Date Analyzed:	06-08-04
Preservative:	Cool	Date Digested:	06-07-04
Condition:	Cool & Intact	Analysis Needed:	RCRA Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	0.027	0.001	5.0
Barium	0.822	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	0.014	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:

Chaco Station.

Analyst

Review Walter



### PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## TRACE METAL ANALYSIS

, 000002 1000

Client:	EPFS	Project #:	97057-085
Sample ID:	5 Point	Date Reported:	06-08-04
Laboratory Number:	28967	Date Sampled:	06-07-04
Chain of Custody:	12256	Date Received:	06-07-04
Sample Matrix:	Soil	Date Analyzed:	06-08-04
Preservative:	Cool	Date Digested:	06-07-04
Condition:	Cool & Intact	Analysis Needed:	RCRA Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	0.008	0.001	5.0
Barium	0.412	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	0.003	0.001	<b>1.0</b>
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:

Chaco Station.

Apalyet

'NWTINEY) WOL



# TRACE METAL ANALYSIS Quality Control / Quality Assurance Report

Client:	QA/QC	Project #:	N/A	
Sample ID:	06-08-04 QA/AC	Date Reported:	06-08-04	
Laboratory Number:	28956	Date Sampled:	N/A	
Sample Matrix:	Soil	Date Received:	N/A	
Analysis Requested:	Total RCRA Metals	Date Analyzed:	06-08-04	
Condition:	N/A	Date Digested:	06-07-04	

Blank & Duplicate	ingtument	Method	Defection	n Sample	Duplicate		Acceptance
Arsenic	ND	ND	0.001	0.012	0.012	0.0%	0% - 30%
Barium	ND	ND	0.001	0.486	0.487	0.2%	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	0.002	0.002	0.0%	0% - 30%
Mercury	ND	ND	0.001	ND	· ND	0.0%	0% - 30%
Selenium	ND .	ND	0.001	0.008	0.008	0.0%	0% - 30%
Silver	ND	ND	0.001	ND	ND	0.0%	0% - 30%

Spike Spike	January Januar	Samol	Sakea Samue		L Aoceonance E
SEMILOSONAR RODDINGS TO SECTION REPORT	HAN COOLINGS THE STATE OF THE S		an en Pilatell Her albert biod		
Arsenic	0.500	0.012	0.511	99.8%	80% - 120%
Barium	0.500	0.486	0.985	99.9%	80% - 120%
Cadmium	0.500	ND	0.500	100.0%	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	0.050	100.0%	80% - 120%
Selenium	0.500	0.008	0.507	99.8%	80% - 120%
Silver	0.500	ND	0.500	100.0%	80% - 120%

ND - Parameter not detected at the stated detection limit.

References:

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

SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision

Spectorscopy, SW-846, USEPA, December 1996.

Comments:

QA/QC for samples 28956 - 28958, 28966 - 28967.

Analyst

Review

# CHA N OF CLS ODY RECORD

12256

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Client / Project Name			Project Location	-				· .	لَّحُ مُ	,	NALYS	SIS / PAF	RAMETE	RS		
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# RE

District 1 1625 N. French Dr., Hobbs, NM 88240 RECEIVED State of New Mexico Energy Minerals and Natural Resources JUL 1 8 2003 District II 1301 W. Grand Avenue, Artesia, NM 88219UI 2 1 2003

Form C-138 Revised March 17, 1999

Submit Original Plus 1 Copy to Appropriate District Office

DIVISION Santa Fe, NM 87505

District IV

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

Oil Conservation Division

Oil Conservation Division

Oil Conservation Division

Santa Fe, NM 87505

DIVISION

REQUEST FOR APPROVAL TO ACCEP	T SOLID WASTE
1. RCRA Exempt: Non-Exempt: 区 レモロート 7/16/03	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
9. Circle One:	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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 clapproved</li> </ul>	ecessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for trans	port.
BRIEF DESCRIPTION OF MATERIAL:	
Sail stained with wood behalesting ail	
Soil stained with used lubricating oil.	
CWS and Analytical Attached	
Estimated Volume 600 cy Known Volume (to be entered by the operator at the end of	of the haul)cy
SIGNATURE Sandrus R. ackso TITLE: Environmental Waste Management Facility Authorized Agent	Administrative Assistant DATE: 07/14/03
TYPE OR PRINT NAME: <u>Landrea Jackson</u> TELEPHONE NO: <u>(505) 632-0615</u>	
(This space for State Use)	
APPROVED BY: Denny tem TITLE: Envirof &	ng DATE: 7/16/03
APPROVED BY: Martin 9th TITLE: Env. ones	Geologist DATE: 7/21/03

# **CERTIFICATE OF WASTE STATUS**

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):
Chaco Plant	SW/4 of Section 16, T26N, R12W, San Juan Co., NM
Attach list of originating sites as appropriate	
Source and Description of Waste	
Soil stained with used lubricating oil	
ı. David Bays	representative for:
(Print Name)	representative to.
El Basa Field Comisso	
El Paso Field Services	CO. do hereby certify that, /ery Act (RCRA) and Environmental Protection Agency's July,
1988 regulatory determination, the above described	
	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 documents	nentation is attached (check appropriate items):
MSDS Information RCRA Hazardous Waste Analys Chain of Custody	Other (description)
Name (Original Signature):	I Bay
Title: Principal Er	ivironmental Scientist
Date: July 14, 200	03



### 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)
	ND	0.001	<i>5</i> 0
Arsenic			5.0
Barium	8.55	0.001	100
Cadmium	ND	0.001	1.0
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:

Chaco Plant.

Analyst

Mistine m Walters
Review



# TRACE METAL ANALYSIS Quality Control / Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-09-TM QA/QC	Date Reported:	07-09-03
Laboratory Number:	26054	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	07-09-03
Condition:	N/A	Date Digested:	07-09-03

Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/L)	Method Blank	Defection Limit	Sample	e Duplicati	> % 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	ND	ND	0.001	ND	ND	0.0%	0% - 30%

Spike Conc. (mg/Kg)	Spike Added	<sup>Lie</sup> Sample	e Spiked Sample		Acceptance 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:

QA/QC for sample 26054.

Ånalyst

Review

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Client / Project Name			Project Location	Project Location Chaco Plant			ANALYSIS / PARAMETERS										
EPFS	<u> </u>			1/21	1			i		т	1	1	· · · · · ·				
Sampler:			Client No.		~ ~		SIS	V							Remarks		
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District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III
1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

## State of New Mexico **Energy Minerals and Natural Resources**

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

Form C-138 Revised March 17, 1999

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCE	PI SULID 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 #95007-012-002
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 material is not-hazardous and the Generator's certification of origin. No waste clapproved	necessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for trans	port.
BRIEF DESCRIPTION OF MATERIAL:	
New motor oil spilled onto concrete loading pad & mixed with Floor Dry.	
CWS and MSDS attached.	Control of the state of the sta
Estimated Volumecy Known Volume (to be entered by the operator at the e	end of the haul)cy
SIGNATURE Waste Management Facility Authorized Agent	nager DATE: July 1, 2004
TYPE OR PRINT NAME: Landrea Cupps TELEPHONE NO: (50	<u>05) 632-0615</u>
APPROVED BY: APPRO	DATE: 7/1/04  NGA: DATE: 7/13/619

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

RCRA Exempt: Non-Exempt:   No   No   Section   No	REQUEST FOR APPROVAL TO ACCEI	PT SOLID WASTE
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2  3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401  7. Location of Material (Street Address or ULSTR) 1130 Madison Lane, Farmington  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 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 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 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 a certification of waste from the Generator; one 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.  SIGNATURE  Waste Management Facility Authorized Agent  TITLE: Landfarm Manager  TITLE: Landfarm Manager  DATE: July 1, 2004  TYPE OR PRINT NAME:  Landrea Cupps  TELEPHONE NO: (505) 632-0615	1. RCRA Exempt: Non-Exempt:	4. Generator: Coastal Chemical, LLC
Landfarm #2  3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 8. State: New Mexico  Project #95007-012-002  Project #95007-012-00	Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: Loading Pad in Yard
7. Location of Material (Street Address or ULSTR) 1130 Madison Lane, Farmington  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:  New motor oil spilled onto concrete loading pad & mixed with Floor Dry.  CWS and MSDS attached.  CWS and MSDS attached.  TITLE: Landfarm Manager  DATE: July 1, 2004  TYPE OR PRINT NAME:  Landrea Cupps  TELEPHONE NO: (505) 632-0615  THELE FUND Fig.  DATE 7/11/OF  THELE FUND Fig.  THELE FUND Fig.  DATE 7/11/OF  THELE FUND Fig.  DATE 7/11/OF  THELE FUND Fig.  THE		6. Transporter: Coastal Chemical
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:  New motor oil spilled onto concrete loading pad & mixed with Floor Dry.  CWS and MSDS attached.  CWS and MSDS attached.  Estimated Volumecy Known Volume (to be entered by the operator at the end of the haul)cy  SIGNATURE		8. State: New Mexico
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.  CWS and MSDS attached.  Waste Management Facility Authorized Agent  TITLE: Landfarm Manager  DATE: July 1, 2004  TYPE OR PRINT NAME: Landrea Cupps  TELEPHONE NO: (505) 632-0615  THELE F. VIVO F. S. DATE: July 1, 2111-04  APPROVED BY JULY 2014  THELE F. VIVO F. S. DATE: July 1, 2111-04  THELE F. VIVO F. S. DATE: July 1, 2111-04	·	Project #95007-012-002
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BRIEF DESCRIPTION OF MATERIAL:  New motor oil spilled onto concrete loading pad & mixed with Floor Dry.  CWS and MSDS attached.  JUL 2004  CONS. DIV.  DIST. S. DIV.  DIST.	<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>B. All requests for approval to accept non-exempt wastes must be accompanied by rematerial is not-hazardous and the Generator's certification of origin. No waste cl</li> </ul>	necessary chemical analysis to PROVE the
New motor oil spilled onto concrete loading pad & mixed with Floor Dry.  CWS and MSDS attached.    CWS and MSDS attached.   CONS Dr.   CONS Dr.	All transporters must certify the wastes delivered are only those consigned for trans	port.
CWS and MSDS attached.  Estimated Volumecy	BRIEF DESCRIPTION OF MATERIAL:	
SIGNATURE Landrea Cupps TITLE: Landfarm Manager DATE: July 1, 2004  Waste Management Facility Authorized Agent  TYPE OR PRINT NAME: Landrea Cupps TELEPHONE NO: (505) 632-0615  APPROVED BY: Landrea Cupps DATE: Landrea Cupps DATE: Landrea Cupps DATE: DATE: Landrea Cupps DATE: D	CWS and MSDS attached	1879 31 1 2 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Waste Management Facility Authoriked Agent  TYPE OR PRINT NAME: Landrea Cupps TELEPHONE NO: (505) 632-0615  (This space for State Use)  APPROVED BY: Landrea Cupps TITLE: Exicol English DATE 7/1/04	Estimated Volumecy Known Volume (to be entered by the operator at the e	end of the haul)cy
(This space for State Use)  APPROVED BY: JEM TOTALE EVIOLENCE DATE 2/1/04		nager DATE: July 1, 2004
APPROVED BY DENT CONT. TITLE EVINO KING DATE 2/1/04	TYPE OR PRINT NAME: Landrea Cupps TELEPHONE NO: (5)	05) 632-0615
A STATE OF THE CONTROL OF THE CONTRO	APPROVED BY: Jenton TITLE: Exirola	

95007-012-002



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Lori Wrotenbery

Director

Oil Couservation Division

### CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
COASTAL CHEMICAL	Envirotech Inc. Soil Remediation Facility
130 MADISON LANE	Landfarm #2
FARMING FON NM 87401	Hilltop, New Mexico
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
YARD OIL LOADING PAD	
attach list of originating sites as appropriate	
4. Source and Description of Waste	
VIRGIN MOTOR OIL STILLED ON TRAGS.	PAO MEX WITH FLOOR DRY AND OIL
I, Rynn Arnold Print Name	representative for:
Print Name	
Conservation and Recovery Act (RCRA) and Environmental Protect described waste is: (Check appropriate classification)	do hereby certify that, according to the Resource tion Agency's July, 1988, regulatory determination, the above
EXEMPT oilfield wasteNON-EXE	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.
RCRA Hazardous Waste Analysis Chain of Custody	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): 1 yaw Aenoil	
Title: WARE HOUSE SUPERVISOR	- 2 2 2 5
Phone Number: 326 - 50 95	- (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4
Date: 6-30-04	- 28/1/17/1/18
	Dis Branco Bood & Artes New Maries 87410

### **E**%onMobil

# Material Safety Data Sheets

New Search Get This Documen 602466-00 MOBIL PEGASUS 805 MATERIAL SAFETY DATA BULLETIN 1. PRODUCT AND COMPANY IDENTIFICATION PRODUCT NAME: MOBIL PEGASUS 805 SUPPLIER: EXXONMOBIL OIL CORPORATION 3225 GALLOWS RD. FAIRFAX, VA 22037 24 - Hour Health and Safety Emergency (call collect): 609-737-4411 24 - Hour Transportation Emergency: CHEMTREC: 800-424-9300 202-483-7616 LUBES AND FUELS: 281-834-3296 Product and Technical Information: Lubricants and Specialties: 800-662-4525 800-443-9966 Fuels Products: 800-947-9147 MSDS Fax on Demand: 613-228-1467 MSDS Internet Website: http://emmsds.ihssolutions.com/ 2. COMPOSITION/INFORMATION ON INGREDIENTS CHEMICAL NAMES AND SYNONYMS: PET. HYDROCARBONS AND ADDITIVES GLOBALLY REPORTABLE MSDS INGREDIENTS: None. OTHER INGREDIENTS: Substance Name Approx. Wt% POLY BUTENYL SUCCINIMIDE 1-5 See Section 8 for exposure limits (if applicable). 3. HAZARDS IDENTIFICATION Under normal conditions of use, this product is not considered hazardous according to regulatory guidelines (See section 15). EMERGENCY OVERVIEW: Light Amber Liquid. DOT ERG No. : NA

POTENTIAL HEALTH EFFECTS: Under normal conditions of intended use, this product does not pose a risk to health. Excessive exposure may result in eye, skin or respiratory irritation.

For further health effects/toxicological data, see Section 11.

### 4. FIRST AID MEASURES

EYE CONTACT: Flush thoroughly with water. If irritation occurs, call

a physician.

SKIN CONTACT: Wash contact areas with soap and water. Remove and

SKIN CONTACT: Wash contact areas with soap and water. Remove and clean oil soaked clothing daily and wash affected area. (See Section 16 - Injection Injury)

INHALATION: Not expected to be a problem. However, if respiratory irritation, dizziness, nausea, or unconsciousness occurs due to excessive vapor or mist exposure, seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or mouth-to-mouth resuscitation.

INGESTION: Not expected to be a problem. Seek medical attention if

discomfort occurs. Do not induce vomiting.

\_\_\_\_\_\_\_

.\_\_\_\_\_\_

### 5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Carbon dioxide, foam, dry chemical and water fog. SPECIAL FIRE FIGHTING PROCEDURES: Water or foam may cause frothing. Use water to keep fire exposed containers cool. Water spray may be used to flush spills away from exposure. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.

SPECIAL PROTECTIVE EQUIPMENT: For fires in enclosed areas, fire fighters must use self-contained breathing apparatus. UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

COMBUSTION PRODUCTS: Fumes, smoke, carbon monoxide, sulfur oxides, aldehydes and other decomposition products, in the case of incomplete combustion.

Flash Point C(F): > 245(473) (ASTM D-92).

Flammable Limits (approx.% vol.in air) - LEL: 0.9%, UEL: 7.0% NFPA HAZARD ID: Health: 0, Flammability: 1, Reactivity: 0

\_\_\_\_\_\_

### 6. ACCIDENTAL RELEASE MEASURES

NOTIFICATION PROCEDURES: Report spills/releases as required to appropriate authorities. U.S. Coast Guard and EPA regulations require immediate reporting of spills/releases that could reach any waterway including intermittent dry creeks. Report spill/release to Coast Guard National Response Center toll free number (800)424-8802. In case of accident or road spill notify CHEMTREC (800) 424-9300.

PROCEDURES IF MATERIAL IS RELEASED OR SPILLED:

LAND SPILL: Shut off source taking normal safety precautions. Take measures to minimize the effects on ground water. Recover by pumping or contain spilled material with sand or other suitable absorbent and remove mechanically into containers. If necessary, dispose of adsorbed residues as directed in Section 13. WATER SPILL: Confine the spill immediately with booms. Warn other ships in the vicinity. Notify port and other relevant authorities. Remove from the surface by skimming or with suitable absorbents. If permitted by regulatory authorities the use of suitable dispersants should be considered where recommended in local oil spill

procedures.

ENVIRONMENTAL PRECAUTIONS: Prevent material from entering sewers, water sources or low lying areas; advise the relevant authorities if it has, or if it contaminates soil/vegetation. PERSONAL PRECAUTIONS: See Section 8

\_\_\_\_\_ \_\_\_\_\_\_

### 7. HANDLING AND STORAGE

HANDLING: No special precautions are necessary beyond normal good hygiene practices. See Section 8 for additional personal protection advice when handling this product. STORAGE: Keep containers closed when not in use. Do not store in open or unlabelled containers. Store away from strong oxidizing agents and combustible materials. Do not store near heat, sparks, flame or strong oxidants. SPECIAL PRECAUTIONS: Prevent small spills and leakages to avoid slip hazard.

EMPTY CONTAINER WARNING: Empty containers retain residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Do not attempt to refill or clean container since residue is difficult to remove. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

\_\_\_\_\_

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

\_\_\_\_\_

### OCCUPATIONAL EXPOSURE LIMITS:

When mists/aerosols can occur, the following are recommended: 5 mg/m3 (as oil mist) - ACGIH Threshold Limit Value (TLV), 10 mg/m3 (as oil mist) - ACGIH Short Term Exposure Limit (STEL), 5 mg/m3 (as oil mist) - OSHA Permissible Exposure Limit (PEL)

VENTILATION: If mists are generated, use adequate ventilation, local exhaust or enclosures to control below exposure limits. RESPIRATORY PROTECTION: If mists are generated, and/or when ventilation is not adequate, wear approved respirator. EYE PROTECTION: If eye contact is likely, safety glasses with side shields or chemical type goggles should be worn. SKIN PROTECTION: Not normally required. When splashing or liquid contact can occur frequently, wear oil resistant gloves and/or other protective clothing. Good personal hygiene practices should always be followed.

### 9. PHYSICAL AND CHEMICAL PROPERTIES \_\_\_\_\_

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

APPEARANCE: Liquid COLOR: Light Amber ODOR: Marketable

ODOR THRESHOLD-ppm: NE

pH: NA

DOTT THE DOTHE OFFI COOFEED

BOILING POINT C(F): > 288(550) MELTING POINT C(F): NA FLASH POINT C(F): > 245(473) (ASTM D-92) FLAMMABILITY (solids): NE AUTO FLAMMABILITY C(F): NA EXPLOSIVE PROPERTIES: NA OXIDIZING PROPERTIES: NA VAPOR PRESSURE-mmHg 20 C: < 0.1 VAPOR DENSITY: > 2.0 EVAPORATION RATE: NE RELATIVE DENSITY, 15/4 C: 0.89 SOLUBILITY IN WATER: Negligible PARTITION COEFFICIENT: > 3.5 VISCOSITY AT 40 C, cSt: 130.0 VISCOSITY AT 100 C, cSt: 13.5 POUR POINT C(F): < -12(10)FREEZING POINT C(F): NE VOLATILE ORGANIC COMPOUND: NE DMSO EXTRACT, IP-346 (WT.%): <3, for mineral oil only NA=NOT APPLICABLE NE=NOT ESTABLISHED D=DECOMPOSES

FOR FURTHER TECHNICAL INFORMATION, CONTACT YOUR MARKETING REPRESENTATIVE

### 10. STABILITY AND REACTIVITY

STABILITY (THERMAL, LIGHT, ETC.): Stable.

CONDITIONS TO AVOID: Extreme heat and high energy sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Product does not decompose at ambient temperatures.

HAZARDOUS POLYMERIZATION: Will not occur.

### 11. TOXICOLOGICAL DATA

---ACUTE TOXICOLOGY---

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

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

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

EYE IRRITATION (RABBITS): Practically non-irritating. (Draize score: greater than 6 but 15 or less). --- Based on testing of similar products and/or the components.

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

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

--- SUBCHRONIC TOXICOLOGY (SUMMARY) ---

No significant adverse effects were found in studies using repeated dermal applications of similar formulations to the skin of

laboratory animals for 13 weeks at doses significantly higher than those expected during normal industrial exposure. The animals were evaluated extensively for effects of exposure (hematology, serum chemistry, urinalysis, organ weights, microscopic examination of tissues etc.).

### --- REPRODUCTIVE TOXICOLOGY (SUMMARY) ---

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

### ---CHRONIC TOXICOLOGY (SUMMARY)---

Repeated and/or prolonged exposure may cause irritation to the skin, eyes or respiratory tract. Overexposure to oil mist may result in oil droplet deposition and/or granuloma formation. For mineral base oils: Base oils in this product are severely solvent refined and/or severely hydrotreated. Chronic mouse skin painting studies of severely treated oils showed no evidence of carcinogenic effects. These results are confirmed on a continuing basis using various screening methods such as Modified Ames Test, IP-346, and/or other analytical methods. For synthetic base oils: The base oils in this product have been tested in the Ames assay and other tests of mutagenicity with negative results. These base oils are not expected to be carcinogenic with chronic dermal exposures.

### ---SENSITIZATION (SUMMARY)---

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

\_\_\_\_\_\_

### 12. ECOLOGICAL INFORMATION

\_\_\_\_\_

### ENVIRONMENTAL FATE AND EFFECTS:

In the absence of specific environmental data for this product, this assessment is based on information for representative products.

ECOTOXICITY: Available ectoxicity data (LL50 > 1000 mg/L) indicates that adverse effects to aquatic organisms are not expected from this product.

MOBILITY: When released into the environment, adsorption to sediment and soil will be the predominant behavior.

PERSISTENCE AND DEGRADABILITY: This product is expected to be inherently biodegradable.

BIOACCUMULATIVE POTENTIAL: Bioaccumulation is unlikely due to the very low water solubility of this product, therefore bioavailability to aquatic organisms is minimal.

\_\_\_\_\_

# 13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Product is suitable for burning in an enclosed, controlled burner for fuel value. Such burning may be limited pursuant to the Resource Conservation and Recovery Act. In addition, the product is suitable for processing by an approved recycling facility or can be disposed of at an appropriate

government waste disposal facility. Use of these methods is subject to user compliance with applicable laws and regulations and consideration of product characteristics at time of disposal.

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

\_\_\_\_\_\_

#### 14. TRANSPORT INFORMATION

\_\_\_\_\_

USA DOT: NOT REGULATED BY USA DOT.

RID/ADR: NOT REGULATED BY RID/ADR.

IMO: NOT REGULATED BY IMO.

IATA: NOT REGULATED BY IATA.

STATIC ACCUMULATOR (50 picosiemens or less): YES

\_\_\_\_\_\_

#### 15. REGULATORY INFORMATION

\_\_\_\_\_

US OSHA HAZARD COMMUNICATION STANDARD: When used for its intended purposes, this product is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200.

EU Labeling: Product is not dangerous as defined by the European Union Dangerous Substances/Preparations Directives. EU labeling not required.

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

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

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

This product contains no chemicals subject to the supplier notification requirements of SARA (313) toxic release program.

The following product ingredients are cited on the lists below: CHEMICAL NAME CAS NUMBER LIST CITATIONS \*

ZINC (ELEMENTAL ANALYSIS) (0.03%) 7440-66-6 22 PHOSPHORODITHOIC ACID, 0,0-DI 68649-42-3 22 C1-14-ALKYL ESTERS, ZINC SALTS (2: 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=OSHA Z 15=TSCA 12b 20=IL RTK 25=PA RTK 26=RI RTK

\* EPA recently added new chemical substances to its TSCA Section 4 test rules. Plea contact the supplier to confirm whether the ingredients in this product currently a a TSCA 4 or TSCA 12b list.

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

16. OTHER INFORMATION

USE: ENGINE LUBRICANT

NOTE: PRODUCTS OF EXXON MOBIL CORPORATION AND ITS AFFILIATED COMPANIES ARE NOT FORMULATED TO CONTAIN PCBS.

Health studies have shown that many hydrocarbons pose potential human health risks which may vary from person to person. Information provided on this MSDS reflects intended use. This product should not be used for other applications. In any case, the following advice should be considered:

INJECTION INJURY WARNING: If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.

### INDUSTRIAL LABEL

Under normal conditions of intended use, this product does not pose a risk to health. Excessive exposure may result in eye, skin or respiratory irritation. Always observe good hygiene measures. First Aid: Wash skin with soap and water. Flush eyes with water. If overcome by fumes or vapor, remove to fresh air. If ingested do not induce vomiting. If symptoms persist seek medical assistance. Read and understand the MSDS before using this product.

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,

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Prepared by: ExxonMobil Oil Corporation Environmental Health and Safety Department, Clinton, USA

### **Emergency Numbers**

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District 1 1625 14. 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. JUL
Santa Fe, NM 87505

Form C-138 Revised March 17, 1999

> Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCE	ZEŞQLID WASTE
1. RCRA Exempt: Non-Exempt: 🖂	4. Generator: Compressor Systems Inc.
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: Unit Wash Area in 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) 5595 US Hwy 64, Farmington, San Juan County	Project #01038-025
B. All requests for approval to accept non-exempt wastes must be accompanied by rematerial is not-hazardous and the Generator's certification of origin. No waste cleapproved  All transporters must certify the wastes delivered are only those consigned for trans  RIEF DESCRIPTION OF MATERIAL:	assified hazardous by listing or testing will be
oil contaminated with oil generated when units are washed in yard area.	
WS and analytical attached.	
stimated Volumecy Known Volume (to be entered by the operator at the e	end of the haul)cy
IGNATURE MANUEL R. WOOD TITLE: Landfarm Man	nager DATE: June 28, 2004



Landrea Cupps

TYPE OR PRINT NAME: \_\_\_

TELEPHONE NO: (505) 632-0615

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

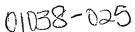
Energy Minerals and Natural Resources
Oil Conservation Drvision
1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-138 Revised March 17, 1999

> Submit Original Plus 1 Copy to Appropriate District Office

# REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

- U.D	20116
1. RCRA Exempt: ☐ Non-Exempt: ⊠	4. Generator: Compressor Systems Inc.
Verbal Approval Received: Yes No 🖂	5. Originating Site: Unit Wash Area in 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) 5595 US Hwy 64, Farmington, San Juan County	Project #01038-025
9. <u>Circle One</u> :	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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 claapproved</li> </ul>	ecessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transp	port.
BRIEF DESCRIPTION OF MATERIAL:	
Soil contaminated with oil generated when units are washed in yard area.	
CWC and analytical attached	
CWS and analytical attached.	
Estimated Volumecy Known Volume (to be entered by the operator at the entered by the op	nd of the haul)cy
SIGNATURE Management Facility Authorized Agent  TITLE: Landfarm Man	nager DATE: <u>June 28, 2004</u>
TYPE OR PRINT NAME: Landrea Cupps TELEPHONE NO: (50	05) 632-0615
(This space for State Use)	
APPROVED BY: Derry tent TITLE Fruito	1 Eng DATE: 7/1/04
APPROVED BY: TITLE:	DATE:



PAGE 02



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor

Joanna Prukop Cabinet Secretary CERTIFICATE OF WASTE STATUS

Lori Wrotenbery
Director
Oil Conservation Division

1. Generator Name and Address	\d.\z
Compressor Systems Inc.	
P.O. Box 1886	
Bloomfield, New Mexico 87413	ŀ
3. Originating Site (name):	Locat

Envirotech Inc. Soil Remediation Facility
Landfarm #2
Hilltop, New Mexico

			0
5595	115	Hwy	64

Location of the Waste (Street address &/or ULSTR):

Compressor Systems Inc. P.O. Box 1886 Bloomfield, New Mexico 87413

attach list of originating sites as appropriate

4. Source and Description of Waste

	Soil contaminated with oil generate	d when units are washed in yard area.
Ι,	Mitchell Davis Print Name	representative for ;
	Compressor Systems Ir	onmental Protection Agency's July, 1988, regulatory determination, the above
<del></del> .	_EXEMPT oilfield waste	NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification
and th	at nothing has been added to the exempt or no	on-exempt non –hazardous waste defined above.
For N	ON-EXEMPT waste the following document MSDS Information RCRA Hazardous Waste AnalysisChain of Custody	tation is attached (check appropriate items):Other (description
	waste is in compliance with Regulated Leve C 3.1 subpart 1403.C and D.	ls of Naturally Occurring Radioactive Material (NORM) pursuant to 20
Namo	e (Original Signature):	
Title:	Tech	
Phon	e Number: (505) 632-5501 (n	124/04



### SUSPECTED HAZARDOUS **WASTE ANALYSIS**

Client:

Compressor Systems Inc.

Project #:

01038-025

Sample ID:

Yard

Date Reported:

06-26-04

Lab ID#:

06-23-04

29309 Soil

Date Sampled: Date Received:

06-24-04

Sample Matrix: Preservative:

Cool

Date Analyzed:

06-25-04

Condition:

Cool and Intact

Chain of Custody:

12444

**Parameter** 

Result

**IGNITABILITY:** 

Negative

**CORROSIVITY:** 

Negative

pH = 7.16

**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:

Unit Wash Area in Yard. Yard



### TRACE METAL ANALYSIS

Client:	Compressor Systems Inc.	Proiect #:	01038-025
Sample ID:	Yard	Date Reported:	06-26-04
Laboratory Number:	29309	•	
•		Date Sampled:	06-23-04
Chain of Custody:	12444	Date Received:	06-24-04
Sample Matrix:	Soil	Date Analyzed:	06-26-04
Preservative:	Cool	Date Digested:	06 <b>-</b> 25-04
Condition:	Cool & Intact	Analysis Needed:	RCRA Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	0.007	0.001	5.0
Barium	0.364	0.001	100
Cadmium	ND	0.001	1.0
Chromium	0.003	0.001	5.0
Lead	0.004	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:

Yard

Unit Wash Area in Yard.

Analyst

Review



# TRACE METAL ANALYSIS Quality Control / Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	06-26-04 QA/AC	Date Reported:	06-26-04
Laboratory Number:	29296	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	06-26-04
Condition:	N/A	Date Digested:	06-25-04

Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample	Duplicate	% Diff:	Acceptance Range
Arsenic	ND	ND	0.001	0.012	0.012	0.0%	0% - 30%
Barium	ND	ND	0.001	0.432	0.430	0.5%	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	0.007	0.007	0.0%	0% - 30%
Silver	ND	ND	0.001	ND	ND	0.0%	0% - 30%

Spike Cons. (mg/Kg)	Spike Added	Sample	Spiked Sample		Acceptance Range
Arsenic	0.500	0.012	0.511	99.8%	80% - 120%
Barium	0.500	0.432	0.929	99.7%	80% - 120%
Cadmium	0.500	ND	0.500	100.0%	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	0.050	100.0%	80% - 120%
Selenium	0.500	0.007	0.506	99.8%	80% - 120%
Silver	0.500	ND	0.500	100.0%	80% - 120%

ND - Parameter not detected at the stated detection limit.

References:

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

SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision

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

Spectorscopy, SW-846, USEPA, December 1996.

Comments:

QA/QC for samples 29296 - 29305, 29309.

∆nalvst

# **CHAIN OF CUSTODY RECORD**

12444

Client / Project Name			Project Location					A N A	I VOIC / DAD	ANACTEDO				,
Compressor S	istems	Inc	Yard		ANALYSIS / PARAMETERS									
Sampler:	(		Client No.	~	īß	,	85				Ren	narks		
M. Davis			01038-0	13-12	No. of Containers	-	24							
Sample No./	Sample	Sample	Lab Number	Sample	Con	RC	<b>2</b> 8							
Identification	Date	Time		Matrix	1									
Nara	623/04	3pm	29309	Dorl	1					Unit	-Wa	Sh	are	24
										Unit	1050	<b>A</b> .		i
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				<b>ENVIROTE</b>	CH		G.			Sam	ple Red	ceipt		
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				5796 U.S. Hig			1			Received Inta	ıct			
				Farmington, New (505) 632		0/40	ì			Cool - Ice/Blue	loc			
		<del> </del>		(332) 302						Occi - (ce/pine	100	}	ĺ	í

#### 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 RE EIVED

Energy Minerals and Natural Resources
JUN 2 4 2004

Oil Conservation Division
1220 South St. Francis DPIL CONSERVATION
Santa Fe, NM 87505
DIVISION

Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

Form C-138

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

REQUEST FOR ATTROVAL TO ACCE.	I SOLID WASTE
1. RCRA Exempt: Non-Exempt:	4. Generator: Foutz & Bursum
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: Blancett Bypass, Arkansas Loop Road
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Foutz & Bursum
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 6, T31N, R9W, Arkansas Loop Road – Blancett Bypass	Project #91350-001
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 n material is not-hazardous and the Generator's certification of origin. No waste claapproved	ecessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transp	port.
BRIEF DESCRIPTION OF MATERIAL:	
New diesel contaminated soil generated when an aluminum fuel tank fell croad.	off a truck spilling ~20 gallons onto oilfield
CWS & MSDS attached. RECEIVED  JUN 2 5 2004  Per All 2 9 C	V 2004
Estimated Volume 1 cy Known Volume (to be entered by the operator at the en	nd of the haul)cy
SIGNATURE MANAGEMENT Facility Authorized Agent TITLE: Landfarm Man	ager DATE: June 10, 2004
TYPE OR PRINT NAME: Landrea Cupps TELEPHONE NO: (50	<u>05) 632-0615</u>
APPROVED BY: APPRO	Engle 12 Date: 6/22/04 ENGR 15 DATE: 6/21/09

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

State of New Mexico State of New Minerals and Natural Resources JUN 2004 Oil Conservation Division 1220 South St. Francis Dr. Olaria Santa Fe, NM 87505

Form C-138 Revised March 17, 1999

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCE	RŁ ŞQLLD <sub>U</sub> WASTE
RCRA Exempt: □ Non-Exempt: □	4. Generator: Foutz & Bursum
Verbal Approval Received: Yes No 🖂	5. Originating Site: Blancett Bypass, Arkansas Loop Road
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Foutz & Bursum
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 6, T31N, R9W, Arkansas Loop Road – Blancett Bypass	Project #91350-001
9. Circle One:	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied be one certificate per job.</li> <li>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 clapproved</li> </ul>	necessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for trans	sport.
BRIEF DESCRIPTION OF MATERIAL:	
New diesel contaminated soil generated when an aluminum fuel tank fell road.	off a truck spilling ~20 gallons onto oilfield
CWS & MSDS attached.	
CW3 & M3D3 attached.	
Estimated Volume1cy Known Volume (to be entered by the operator at the	end of the haul)cy
SIGNATURE Management Facility Authorized Agent  TITLE: Landfarm Management Facility Authorized Agent	nager DATE: June 10, 2004
TYPE OR PRINT NAME: Landrea Cupps TELEPHONE NO: (5	<u>05) 632-0615</u>
APPROVED BY:  APPROVED BY:  TITLE:	/Engv DATE: 6/22/04 DATE:

Phone Number: (505) 634 - 406 8 Unlos

Date: 6/2/04

41350-001



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
GOVERNOT
JOANNA Prukop
Cabluet Secretary

CERTIFICATE OF WASTE STATUS

Lori Wrotenbery Director Conservation Division

	1223
1. Generator Name and Address	2. Destination Name:
Foutz & Bussum Construction 3201 n 1st street Bloomfield, nm	Envirotech Inc. Soil Remediation Facility
7701 n let stoot Bloomfield, nm	Landfarm #2
3201 11 131 31162 3	Hilltop, New Mexico
3. Originating Site (name):  on the Ark ansas loop Rd. on the Section 6  attach list of originating sites as appropriate	Clance H by pass Range TN T3111
Spilled 20 Gallons of Diese! fuel	out of an aluminum tanking oil
field road. There is a cubic yard	
tank fell off the truck spilling the	
I, Kelly D. Graham	representative for :
Print Name	
Foutz & Buream Construction Inc Conservation and Recovery Act (RCRA) and Environmental Protection	do hereby certify that, according to the Resource
described waste is: (Check appropriate classification)	regularly serves, regulatory determination, the above

Fortz i Guesam Canstenetion Inc.

Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

EXEMPT oilfield waste

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

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

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

MSDS Information

RCRA Hazardous Waste Analysis

Chain of Custody

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: Purchasing Gapanter

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

MAGE U3/10

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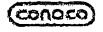
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(MSDS: 041760)

Page 1 of B



# MATERIAL SAFETY DATA SHEET Conoco No. 2 Diesel Fuel

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name:

Canaco No. 2 Diesel Fuel

Synonyms:

Conoco - MSDS# GASC0220

Conoco No. 2 Diesel Fuel High Sulfur Conoco No. 2 Diasei Fuel Low Sulfur

Intended Use:

Chamical Family:

Petroleum Hydrocarbons

Responsible Party:

ConocoPhillips

P.O. Box 2197

Houston, TX 77252

For Additional MSDSs 800-762-0942

Technical information: 918-681-8327

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

### EMERGENCY OVERVIEW

### 24 Hour Emergency Telephone Numbers:

Spill, Leak, Fire or Accident

Call CHEMTREC

North America: (800)424-9300 Others: (703)527-3887 (collect) California Poison Control System: (800) 356-3129

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

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

Appearance:

Straw-colored to dyed red

Physical form:

Liquid

Odor:

Characteristic petroleum

### NFPA Hazard Class:

### HMIS Hazard Class

Health: Flammability:2

3 (High)

(Moderate) Reactivity; O (Least)

Health:

3 \* (High)

Flammability: Physical Hazard: O (Least!

2 (Moderate)

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS	VOLUME	EXPOSURE	URE GUIDELINE		
		Limits	Аделсу	Type	
Diesel Fuel No. 2	100	100 mg/m3	HIDDA	TWA-SKIN	

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<sup>\*</sup>Indicates possible chronic health effects.

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CAS# 68476-34-6

Naphthalene CAS# 91-20-3 <1

10 ppm 15 ppm 10 ppm

250 ppm

ACGIH ACGIH OSHA NIOSH TWA STEL TWA IDLH

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Page

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

1%=10,000 PPM.

All components are listed on the TSCA Inventory.

# 3. HAZARDS IDENTIFICATION

### Potential Health Effects:

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

Skin: Severe skin irritant. Contact may cause redness, itching, burning, and severe skin damage.

Prolonged or repeated contact can worsen irritation by causing drying and cracking of the skin, leading to dermetitis (inflammation). Not equilibrium to by skin absorption, but prolonged or repeated skin contact may be harmful (see Section 11).

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

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

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

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

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

Developmental: Inadequate data available for this material.

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

## 4, FIRST AID MEASURES

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

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

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

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

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

### 5. FIRE FIGHTING MEASURES

Flammable Properties:

Flash Point: 125-180°F/52-82°C PMCC, ASTM D-93 OSHA Flammability Class: Combustible liquid

LEL%: 0.3 / UEL%: 10.0

Autoignition Temperature; 500°F/260°C

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

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

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

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

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

## 6. ACCIDENTAL RELEASE MEASURES

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

Stay upwind and away from spill/release. Notify persons down wind of the spill/release, isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done with minimal risk. Wear appropriate protective equipment including respiratory protection as conditions warrant (see Section 8).

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

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

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

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

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

# 9. PHYSICAL AND CHEMICAL PROPERTIES

Note: Unless otherwise stated, values are determined at 20°C (68°F) and 760 mm Hg (1 atm).

Appearance: Straw-colored to dyed red

Physical State: Liquid

Odor: Characteristic petroleum

pH: Not applicable

Vapor Pressure (mm Hg): 0.40 Vapor Density (air=1): >3

Poiling Point/Range: 300-690°F / 366 Freezing/Melting Point: No Data

Solubility in Water: Negligible Specific Gravity: 0.81-0.88 @60°F Percent Volatile: Negligible Evaporation Rate (nBuAc=1): <1 Viscosity: 1.7-4.1 cSt @40°F Bulk Density: 7.08 (bs/gal

Flash Point: 125-180°F / 52-82°C PMCC, ASTM D-93 Flammable/Explosive Limits (%): LEL: 0.3 / UEL: 10.0

### 10. STABILITY AND REACTIVITY

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

Conditions To Avoid: Avoid all possible sources of ignition (see Sections 5 and 7). Materials to Avoid (Incompatible Materials): Avoid contact with strong oxidants

such as liquid chlorine, concentrated oxygen, sodium hypochlorite, calcium hypochlorite, etc.

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

Hazardous Polymerization: Will not occur.

# 11. TOXICOLOGICAL INFORMATION

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

Carcinogenicity: Chronic dermal application of certain middle distillate streams contained in

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

### 7. HANDLING AND STORAGE

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

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

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

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

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

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

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

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

Personal Protective Equipment (PPE):

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

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

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

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diesel fuel No. 2 resulted in an increased incidence of skin tumors in mice. This material has not been identified as a carcinogen by NTP, IARC, or OSHA. IARC has classified Diesel exhaust as probably carcinogenic in humans.

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

## Naphthalene (CAS# 91-20-3)

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

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

## 12. ECOLOGICAL INFORMATION

Not evaluated at this time

## 13, DISPOSAL CONSIDERATIONS

This material, if discarded as produced, would be a RCRA "characteristic" hazardous waste due to the characteristic(s) of ignitability (D001) and benzene (D018). If the spilled or released material impacts soil. water, or other media, characteristic testing of the contaminated materials may be required prior to their disposal. Further, this material, once it becomes a waste, is subject to the land disposal restrictions in 40 CFR 256.40 and may require treatment prior to disposal to mest specific standards. Consult state and local regulations to determine whether they are more stringent than the federal requirements.

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

## 14. TRANSPORT INFORMATION

DOT Shipping Description:

Diesel fuel,3 or Combustible liquid\*,UN1202\*\*,Ill

Non-Bulk Package Label:

Flammable or None

Bulk Package Placard/Marking: Flammable/1202

Hazardous Substance/RQ

None

Packaging References

49 CFR 173.150, 173.203, 173.241

Emergency Response Guida:

Note:

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

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

## 15. REGULATORY INFORMATION

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

Acute Health:

Yes

Chronic Health:

Yes

Fire Hazard:

Yes

Pressure Hazard:

100

Reactive Hazard:

No

SARA 313 and 40 CFR 372;

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

CFR 372.

Component

**GAS Number** 

Weight %

Naphihalene

91-20-3

<1

#### California Proposition 65:

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

Component

Effect

Benzene Toluene Cancer, Developmental and Reproductive Toxicant

Developmental Toxicant

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

#### Carcinogen Identification:

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

#### EPA (CERCLA) Reportable Quantity:

-None-

#### Canada - Domestic Substances List: Listed

#### WHMIS Class:

B2-Flammable Liquid

D28-Materials causing other toxic effects - Toxic Material

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

#### 16. OTHER INFORMATION

Issue Date: 01/01/03

Previous (saue Date: 05/09/02 Revised Sections: 1, 11, 16 MSDS Number: 041760

Status: Final

#### Disclaimer of Expressed and implied Warranties:

The information presented in this Material Safety Date Sheet is based on date balleved to be accurate as of the date this Material Safety Date

FUUTZ AND BURST

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

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. Og

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	TSQLID WASTE
1. RCRA Exempt: Non-Exempt: 🖂	4. Generator: Compressor Systems Inc.
Verbal Approval Received: Yes ☐ No ☐	5. Originating Site: NEBU 447
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 36, T31N, R8W, San Juan County	Project #01038-019
9. <u>Circle One</u> :	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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 claapproved</li> </ul>	ecessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transp	ort.
BRIEF DESCRIPTION OF MATERIAL:	
Turbo line on motor broke spilling Low Ash Gas Engine Oil onto the grou	nd.
CWS, MSDS, and analytical attached.	CEIVED
JUN	2 5 2004
Per	
Estimated Volume ~5 cy Known Volume (to be entered by the operator at the end of	the haul)cy
SIGNATURE Sandre Grant Facility Authorized Agent TITLE: Landfarm Man	nager DATE: May 15, 2004
TYPE OR PRINT NAME: Landrea Cupps TELEPHONE NO: (50	05) 632-0615
(This space for State Use)	
	DATE: 6/21/04  ENGR. DATE: 6/25/04

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 DD
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

THE COLOT TO THE TO THE CHI	1 SOLID CONTOLL
1. RCRA Exempt: ☐ Non-Exempt: ⊠	Compressor Systems Inc.
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: NEBU 447
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 36, T31N, R8W, San Juan County	Project #01038-019
9. <u>Circle One</u> :	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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</li> </ul>	ecessary chemical analysis to PROVE the
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Turbo line on motor broke spilling Low Ash Gas Engine Oil onto the ground	nd.
CWS, MSDS, and analytical attached.	
o ii o, iiio o, iiiio iiiiiiiii ii o	
Estimated Volume $\sim 5$ cy Known Volume (to be entered by the operator at the end of	the haul)cy
SIGNATURE Sandre & R. Cupper TITLE: Landfarm Man Waste Management Facility Authorized Agent	nager DATE: May 15, 2004
TYPE OR PRINT NAME: Landrea Cupps TELEPHONE NO: (50	05) 632-0615
(This space for State Use)	
APPROVED BY: Letter TITLE: TILE:	10/15ng L DATE: 6/21/04
APPROVED BY: TITLE:	DATE:

5-25-04; 1:07PM:ENVIROT



# 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 Compressor Systems Inc. P.O. Box 1886 Bloomfield, New Mexico 87413	Destination Name:     Envirotech Inc. Soil Remediation Facility     Landfarm #2     Hilltop, New Mexico
3. Originating Site (name):  NEBU 447  attach list of originating sites as appropriate	ocation of the Waste (Street address &/or ULSTR):  C" Sec 36, T31N, R8W, San Juan County
4. Source and Description of Waste Turboline on motor broke spill onto the ground.	ing Low Ash. Gas Engine oil

0700	J (10. 1.00 1.00 1.	
I.	Mitchell Davis	representative for :
	Print Name	•
	Print Name  Compressor Systems Inc.  do hereby certify that, according to the Resource servation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above ribed waste is: (Check appropriate classification)	
ехемрт о	îlfield waste	X NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification
and that nothing has	s been added to the exempt or non	-exempt non -hazardous waste defined above.
X MSDS X RCRA	Information Hazardous Waste Analysis	
This waste is in cor NMAC 3.1 subpar	mpliance with Regulated Levels t 1403.C and D.	of Naturally Occurring Radioactive Material (NORM) pursuant to 20
Name (Original Sig	gnature):	
Title:		
Phone Number:	(505) 632-5501	
Date:	May 15, 2004	

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

#### 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 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

ODUCT 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 TRUOMA LIMIT/OTY 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 <

CAS54261675

0%

NONE

N

#### COMPOSITION COMMENT:

All the components of this material are on the Toxic Substances Control Act Chemical Substances Inventory.

This product fits the ACGIH definition for mineral oil mist. The ACGIH TLV is 5 mg/m3, the OSHA PEL is 5 mg/m3.

#### 3. HAZARDS IDENTIFICATION

#### POTENTIAL HEALTH EFFECTS

EVE.

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:

assification (29 CFR 1910.1200): Not classified by OSHA as flammable or mbustible.

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use process enclosures, loca xhaust ventilation, or other jineering controls to control airborne levels below the recommended mineral oil mist exposurè limits.

#### TTRSONAL PROTECTIVE EQUIPMENT

:/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.

: Hq

NDA

VAPOR PRESSURE:

NA

VAPOR DENSITY (AIR=1):

NA

MOILING POINT:

NDA

EZING POINT:

NDA

HELTING POINT:

NA

SOLUBILITY:

Soluble in hydrocarbon solvents; insoluble in water.

SPECIFIC GRAVITY: 0.88 @ 15.6/15.6C

EVAPORATION RATE: NA VISCOSITY:

11.0 - 14.4 cSt @ 100C (min.)

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

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#### 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 apponents.

#### 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 (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.

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 atinuous 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

The description shown may no pply to all shipping situati 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:
- 4. Sudden Release of Pressure Hazard: NO
- 5. Reactivity Hazard:

)

#### 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 SARA 302/304	18=DOT Marine Pollutant	29=OSHA CEILING
:SARA 302/304	19=Chevron TWA	30=Chevron STEL
J=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.

#### 16. OTHER INFORMATION

PA RATINGS: Health 1; Flammability 1; Reactivity 0;

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HMIS RATINGS: Health 1; Flam .lity 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 ociation (NFPA) or the National Paint and Coating Association (Lor HMIS ratings).

#### REVISION STATEMENT:

This revision was updated to address: Section 1 (Name change).

#### ABBREVIATIONS THAT MAY HAVE BEEN USED IN THIS DOCUMENT:

- Ceiling Limit

A1-5 - Appendix A Categories

NDA - No Data Available

TLV - Threshold Limit Value TWA - Time Weighted Average
STEL - Short-term Exposure Limit TPQ - Threshold Planning Quantity
RQ - Reportable Quantity PEL - Permissible Exposure Limit

CAS - Chemical Abstract Service Number

() - Change Has Been Proposed

NA - Not Applicable

Prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the ANSI MSDS Standard (Z400.1) by the Toxicology and Health Risk Assessment Unit, CRTC, P.O. Box 1627, Richmond, CA 94804 

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 responsibil-Aty 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 \*\*\*\*\*\*\*\*\*\*\*\*



### SUSPECTED HAZARDOUS **WASTE ANALYSIS**

Client:

Compressor Systems Inc.

Project #:

01038-019

Sample ID:

#1

Date Reported:

02-26-04

Lab ID#:

27926

Date Sampled:

02-24-04

Sample Matrix:

Soil

Date Received:

02-25-04

Preservative:

Cool

Date Analyzed:

02-26-04

Condition:

Cool and Intact

Chain of Custody:

11861

Parameter

Result

**IGNITABILITY:** 

Negative

**CORROSIVITY:** 

Negative

pH = 7.06

**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:

**NEBU 447.** 



### TRACE METAL ANALYSIS

Client:	Compressor Systems Inc.	Project #:	01038-019
Sample ID:	#1	Date Reported:	02-26-04
Laboratory Number:	27926	Date Sampled:	02-24-04
Chain of Custody:	11861	Date Received:	02-25-04
Sample Matrix:	Soil	Date Analyzed:	02-26-04
Preservative:	Cool	Date Digested:	02-26-04
Condition:	Cool & Intact	Analysis Needed:	RCRA Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	0.002	0.001	5.0
Barium	0.137	0.001	100
Cadmium	ND	0.001	1.0
Chromium	0.006	0.001	5.0
Lead	0.009	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 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 447.** 

Analvst

Mistine M. Walters
Review



# TRACE METAL ANALYSIS Quality Control / Quality Assurance Report

Client: Sample ID:	QA/QC 02-26-04 QA/AC	Project #: Date Reported:	N/A 02-26-04
Laboratory Number: Sample Matrix:	27926 Soil	Date Sampled: Date Received:	N/A N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	02-26-04
Condition:	N/A	Date Digested:	02-26-04

Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/L)	Method Blank	Detection Limit	CONTRACTOR OF THE PROPERTY OF THE PARTY OF T	Duplicate	% Diff.	Acceptance Range
Arsenic	ND	ND	0.001	0.002	0.002	0.0%	0% - 30%
Barium	ND	ND	0.001	0.137	0.135	1.5%	0% - 30%
Cadmium	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Chromium	ND	ND	0.001	0.006	0.006	0.0%	0% - 30%
Lead	ND	ND	0.001	0.009	0.009	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	Spike	Sample		Percent 4	- Acceptance
Conc. (mg/Kg)	Added		Sample	Recovery	Range
Arsenic	0.500	0.002	0.501	99.8%	80% - 120%
Barium	0.500	0.137	0.636	99.8%	80% - 120%
Cadmium	0.500	ND	0.500	100.0%	80% - 120%
Chromium	0.500	0.006	0.505	99.8%	80% - 120%
Lead	- 0.500	0.009	0.508	99.8%	80% - 120%
Mercury	0.050	ND	0.050	100.0%	80% - 120%
Selenium	0.500	0.001	0.500	99.8%	80% - 120%
Silver	0.500	ND	0.499	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 27926 - 27927.

Analyst

# CHAN OF CLS' ODY RECORD

Client / Project Name Project Location					ANALYSIS / PARAMETERS													
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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

	· · · · · · · · · · · · · · · · · · ·	the first control of the control of the control of the control of the control of the control of the control of
İ	1. Generator Name and Address	2. Destination Name:
		Envirotech Inc. Soil Remediation Facility
		Landfarm #2
Į		Hilltop, New Mexico
	3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
	attach list of originating sites as appropriate	
ţ	4. Source and Description of Waste	
	D.: 4 Nov.	representative for :
	Print Name	
onservescribe	vation and Recovery Act (RCRA) and Environmened waste is: (Check appropriate classification)	do hereby certify that, according to the Resource stal Protection Agency's July,1988, regulatory determination, the above
EX	KEMPT oilfield wasteN	NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification
nd tha	t nothing has been added to the exempt or non-exe	empt non -hazardous waste defined above.
or NO	N-EXEMPT waste the following documentation in MSDS Information RCRA Hazardous Waste Analysis Chain of Custody	is attached (check appropriate items):Other (description
his w	aste is in compliance with Regulated Levels of N 3.1 subpart 1403.C and D.	Naturally Occurring Radioactive Material (NORM) pursuant to 20
ame (	Original Signature):	
itle:_		
hone	Number:	· .
ate:		

FCEIVED

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

# State of New Mexico Energy Minerals and Natural Resources JUN 2 4 2004

Oil Conservation Division
1220 South St. Francis Dr.

DIVISION

Submit Original Plus 1 Copy to Appropriate District Office

Form C-138 Revised March 17, 1999

# REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

Santa Fe, NM 87505

REQUEST FOR APPROVAL TO ACCEP	I SULID WASIE
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) 4109 E. Main Street, Farmington	Project #92132-001
9. Circle One:	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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 claapproved</li> </ul>	ecessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transp	port.
BRIEF DESCRIPTION OF MATERIAL:	Q 13 14 15 76 75
Wash bay grit from 2 bays that have been dried in a drying bed.  CWS, Re-Affirmation Statement, and TCLP dated 7/23/03 attached.	JUN 2004
	Some of
RECEIVED	
JUN 2 5 2004	S S S S S S S S S S S S S S S S S S S
Per	
Estimated Volumecy Known Volume (to be entered by the operator at the en	nd of the haul)cy
SIGNATURE MANAGER LUDGO TITLE: Landfarm Man Waste Management Facility Authorized Agent	ager DATE: May 5, 2004
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615	Anned
This space for State Use)  APPROVED BY:  TITLE:  ENGR. DATE 6/25/04	
THE REPORT OF THE PROPERTY OF	

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



Project #92132-001

Form C-138 Revised March 17, 1999

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCES	<b>Y</b> ()
1. RCRA Exempt: Non-Exempt:   Varbal Approval Received: Vac   No. 77	4. Services  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

#### 9. Circle One:

Farmington

- 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.

7. Location of Material (Street Address or ULSTR) 4109 E. Main Street.

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, Re-Affirmation Statement, and TCLP dated 7/23/03 attached.
Estimated Volumecy 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: May 5, 2004
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615
Annua/
(This space for State Use)
APPROVED BY: Derry tout TITLE: En No / Eng. DATE: 6/21/04
APPROVED BY: DATE:



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

#### **BILL RICHARDSON**

Joanna Prukop Cabinet Secretary



Lori Wrotenbery Director Oil Conservation Division

	<b>V</b> (2)	(3)
	1. Generator Name and Address	12 Destination Name:
	Halliburton Energy Service	Envirotech Inc. Soil Remediation Facility
	4109 E. Main Street	Landfarm #2
	Farmington, New Mexico 87402	Hilltop, New Mexico
		I di Ed W. (Ci + 11 Ol VV CON)
	3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
	Halliburton, 4109 E. Main, Farmington	
	3	
	attach list of originating sites as appropriate	
	4. Source and Description of Waste	
	Washbay grit from 2 bays that have been dried in a	drying had
	washbay girt from 2 bays that have been dried in a	diying bed.
I,	Merle D. Krause III	representative for :
	Print Name	
	Hallibroton Engages Compiles	1. Lordon 125 days 15 days 25
<u></u>	Halliburton Energy Service vation and Recovery Act (RCRA) and Environmental Protection	do hereby certify that, according to the Resource
	ed waste is: (Check appropriate classification)	m Agency 5 July, 1988, regulatory determination, the above
	11 1	
E		MPT oilfield waste which is non-hazardous by characteristic
	analysis or b	y product identification
	t nothing has been added to the exempt or non-exempt non -ha	ezardous wasta dafinad above
and ma	it nothing has been added to the exempt of hon-exempt non -no	izaldous waste defined above.
For NC	DN-EXEMPT waste the following documentation is attached (	check appropriate items):
		ther (description
	X RCRA Hazardous Waste Analysis	
	Chain of Custody	
	aste is in compliance with Regulated Levels of Naturally Oc	curring Radioactive Material (NORM) pursuant to 20
NIVIAC	C 3.1 subpart 1403.C and D.	
Nama	(Original Signature):	
14ame	(Original Olginature).	
Title:	Material Control Supervisor	
		•
Phone	Number: (505) 324-3551	
Date:_	May 5, 2004	



# - OVIROTECHIOC.

# REAFFIRMATION OF WASTE STATUS / NON-EXEMPT WASTE

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

7/23/03

Printed Name

Dean Krause III

Title / Agency

Halliburton

Address

4109 E. Mair

Signature 9

Date

05/05/04





# 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:** 

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:

Halliburton.

Ánaivst

Review



## 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

Parameter	Concentration (mg/L)	Detection Limit (mg/L)	Regulatory Limits (mg/L)
VC 1011-21-	ND	0.0001	0.0
Vinyl Chloride		·	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 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:

Halliburton.

Analyst C. Que

Mistine m Walters
Review





Client: Sample ID: Laboratory Number: Chain of Custody: Sample Matrix: Preservative:	Halliburton 2003 Wash Bay Sludge 26147 11169 TCLP Extract Cool	Project #: Date Reported: Date Sampled: Date Received: Date Extracted: Date Analyzed:	92132-001 07-25-03 07-23-03 07-23-03 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	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:

Halliburton.

Analyst



## 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	<b>3.0</b>
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.

0.11	Danamatan	Danas A Danas A
QA/QC Acceptance Criteria	Parameter	Percent Recovery
QA/QC Acceptance enteria		

### 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:

Halliburton.

Analyst C. Cylindrical C. Cylindrica

Misters M. Walters



# EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

•		
Halliburton	Project #:	92132-001
2003 Wash Bay Sludge	Date Reported:	07-25-03
26147	Date Sampled:	07-23-03
11169	Date Received:	07-23-03
TCLP Extract	Date Analyzed:	07-25-03
Cool	Date Extracted:	07-23-03
Cool & Intact	Analysis Needed:	TCLP metals
	2003 Wash Bay Sludge 26147 11169 TCLP Extract Cool	2003 Wash Bay Sludge Date Reported: 26147 Date Sampled: 11169 Date Received: TCLP Extract Date Analyzed: Cool Date Extracted:

	Det.	Regulatory	
Concentration	Limit	Level	
(mg/L)	(mg/L)	(mg/L)	
0.008	0.001	5.0	
0.964	0.001	100	
0.002	0.001	1.0	
0.001	0.001	5.0	
0.001	0.001	5.0	
ND	0.001	0.2	
0.003	0.001	1.0	
ND	0.001	5.0	
	(mg/L)  0.008 0.964 0.002 0.001 0.001 ND 0.003	Concentration (mg/L)         Limit (mg/L)           0.008         0.001           0.964         0.001           0.002         0.001           0.001         0.001           0.001         0.001           0.001         0.001           0.003         0.001	Concentration (mg/L)         Limit (mg/L)         Level (mg/L)           0.008         0.001         5.0           0.964         0.001         100           0.002         0.001         1.0           0.001         0.001         5.0           0.001         0.001         5.0           ND         0.001         0.2           0.003         0.001         1.0

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:

Halliburton.

Analyst

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# QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION



## 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

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

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria	Parameter	Percent Recovery
	Fluorobenzene	100%
	1,4-difluorobenzene	100%
	4-bromochlorobenzene	100%

References:

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

Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.

Method 8010, Halogenated Volatile Organic, SW-846, USEPA, Sept. 1994. Method 8020, Aromatic Volatile Organics, SW-846, USEPA, Sept. 1994.

Note:

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

Comments:

QA/QC for sample 26147.

Analyst C. Oylen

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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

	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	<sup>77</sup> 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 26147.

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Review



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

Comments:

QA/QC for sample 26147.

Analyst

Mistine M Wasters



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

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	07-25-03
Laboratory Number:	26147	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	07-25-03
Condition:	N/A	Date Extracted:	07-23-03

			Spiked			SW-846
	Sample	Spike	Sample	Det.		% Rec.
	Result	Added	Result	Limit	Percent	Accept.
Parameter	(mg/L)	(mg/L)	(mg/L)	(mg/L)	Recovery	Range
			0.040.7			
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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Mistine Mulaters
Review



# 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
Parameter	Concentration (mg/L)	Limit (mg/L)	Limit (mg/L)
raiameter	(1119, 2)	(9/1-)	(1119/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 C. Q

Misture m Wasters
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

	Concentration	Det. 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	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400
Pentachlorophenol	ND	0.020	100

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	2-Fluorophenol	99%
	2,4,6-Tribromophenol	99%

References:

Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid

Waste, SW-846, USEPA, July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid

Waste, SW-846, USEPA, July 1992.

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

Note:

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

Comments:

QA/QC for sample 26147.

Analyst P. Cylen

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Review



# 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 Acceptance Criteria:	Parameter	Maximum Difference

8040 Compounds

30.0%

References:

Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid

Waste, SW-846, USEPA, July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid

Waste, SW-846, USEPA, July 1992.

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

Note:

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

Comments:

QA/QC for sample 26147.

Analyst C. Company

Mistrie m Watters
Review



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

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	07-25-03
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 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:

QA/QC for sample 26147.

Analyst Color

Review Museters



# 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

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, 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 26147.

Analyst C. Ch

Mistine Mulaters
Review



# 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:	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 Requested:	TCLD

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.

0 11	Danasa 44.0	D:55
QA/QC Acceptance Criteria	Parameter	Maximum Difference
QA/QO Acceptance Officia	, aramotor	maximum Directorice
t		

### 8090 Compounds

30%

References:

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

Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 1992.

Method 8090, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.

Note:

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

Comments:

QA/QC for sample 26147.

Analyst C. Office.

Albūne muletles
Review



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

Client: N/A Project #:  Sample ID: 07-25-TCM QA/QC Date Reported:  Laboratory Number: 26147 Date Sampled:  Sample Matrix: Water Date Received:  Analysis Requested: TCLP Metals Date Analyzed:  Condition: N/A Date Extracted:	07-25-03 N/A N/A 07-25-03 N/A
--	---

Blank & Duplicate	Instrument	Method	Detection	Sample	Duplicate	%	Acceptance
Conc. (mg/L)	Blank	Blank	Limit			Difference	Range
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%

Splke(" Conc. (mg/L)	Spike Added	Sample	e Spiked Sample		Acceptance Range
Arsenic	0.500	0.008	0.507	99.8%	80% <b>-</b> 120%
Barium	0.500	0.964	1.46	99.7%	80% <b>- 120%</b>
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%

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 26147.

Analyst

<u>/ NWILWE // (JCITU</u> Review

### **CHAIN OF CUSTODY RECORD**

Client / Project Name			Project Location		· · · · · · · · · · · · · · · · · · ·									_		·······	
Hall, burton	•		92/33	001	,					AΓ	NALYSIS	S / PARA	METER	S			
Sampler:			Client No.				ſS							F	Remarks		
guorga Killer	ġ~		Halliburte	o~		\$	Containers	8			:						
Sample No./ Identification	Sample Date	Sample Time	Lab Number	-	Samplė Matrix	Ž	Cont	1560									
Hall: burton 03 Wash B#Y Sludge	7-230	11:55	26147	- 50:				1				-					
					<del></del>												
						-											
Relinquished by: (Signatu	ire)	•		Date 7-23-03	Time	Receive	d by: (\$	Signatur	re), C.	Q+				-7	Date 7-2 ゔ・ご		ime
Relinquished by: (Signatu						Receive	d by: (	Signatur	re)	-9					<del></del>		
Relinquished by: (Signatu	ıre)			-		Receive	d by: (	Signatu	re)								
				ENV	'IRO	TEC	H		<u>.</u>			· · · · · · · · · · · · · · · · · · ·		Sample	Receip	<u> </u>	
				Ments Daniel											Y	N	N/A
					5796 U.S ington, N								Rece	eived Intact			
	·					632-06							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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NN 87505, 2004 Form C-138 Revised March 17, 1999

> Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

RCRA Exempt:      Non-Exempt:      Verbal Approval Received: Yes      No      No	4. Generator: CDX Gas Dart Drilling Technology (CDDT)
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: Prairie Dawn #2
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" Sec 33, T24N, R12W, San Juan County	Project # 04074-001
<ul> <li>9. <u>Circle One</u>: <ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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</li> <li>All transporters must certify the wastes delivered are only those consigned for transporters</li> </ul> </li> </ul>	ecessary chemical analysis to PROVE the assified hazardous by listing or testing will be
BRIEF DESCRIPTION OF MATERIAL:	ort.
Fresh water tank was contaminated with small quantity of crude oil by truc in order to re-fill with fresh water.	king company. Tank is being cleaned out
CWS attached.	
Estimated Volumecy Known Volume (to be entered by the operator at the en	nd of the haul)cy
SIGNATURE Handla R. Lupp TITLE: Landfarm Management Facility Authorized Agent	ager DATE: May 3, 2004
TYPE OR PRINT NAME: Landrea Cupps TELEPHONE NO: (50	5) 632-0615
(This space for State Use)  DEPUTY OIL & GAS INSPECTOR  APPROVED BY:  TITLE:	DATE: 5/6/64
APPROVED BY: JEGO	10915 DATE: 5-6-4



#### **BILL RICHARDSON**

Governor
Joanna Prukop
Cabinet Secretary



Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

		COST N Name:
	1. Generator Name and Address CDDT 5485 Beltline Road, Suite 330 Dallas, Texas 75254-7672	Envirotech Inc. Soil Remediation Facility
	3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
	Prairie Dawn #2	"N" Sec 33, T24N, R12W, San Juan County
	attach list of originating sites as appropriate  4. Source and Description of Waste Fresh water tank was contaminated with cleaned out in order to re-fill with fresh v	small quantity of crude oil by trucking company. Tank is being vater.
I,	Charlie McClain Print Name	representative for :
	CDDT/CDX Gas rvation and Recovery Act (RCRA) and Environment bed waste is: (Check appropriate classification)	do hereby certify that, according to the Resource tal Protection Agency's July,1988, regulatory determination, the above
X	EXEMPT oilfield waste	NON-EXEMPT oilfield waste which is non-hazardous by characteristic nalysis or by product identification
and the	at nothing has been added to the exempt or non-exer	mpt non –hazardous waste defined above.
For <b>N</b> (	ON-EXEMPT waste the following documentation is MSDS InformationRCRA Hazardous Waste AnalysisChain of Custody	s attached (check appropriate items):Other (description
	vaste is in compliance with Regulated Levels of N. C 3.1 subpart 1403.C and D.	aturally Occurring Radioactive Material (NORM) pursuant to 20
Name	(Original Signature): Charle M <sup>2</sup> C	la
Γitle:_		
Phone	Number: (505) 330-8206	
Oate:_	May 3, 2004	<del></del>

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
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#### State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-138 Revised March 17, 1999 Submit Original

Submit Original Plus 1 Copy to Appropriate District Office

### REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

REQUEST FOR ATTROVAL TO ACCE	I SOLID WASTE
1. RCRA Exempt: Non-Exempt:	4. Generator: Conoco Phillips
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: Scott #1E
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) "P" Sec 2, T29N, R13W, San Juan County	Project #96052-097
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 material is not-hazardous and the Generator's certification of origin. No waste clapproved	necessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for trans	port.
BRIEF DESCRIPTION OF MATERIAL:	
Tank bottoms and fresh wash water from cleaning out a pit tank in order to	replace it with a steel pit tank.
CWS attached.  Estimated Volume $\frac{\sim 20 \text{bbls}}{\sim \sim 20 \text{bbls}}$ cy Known Volume (to be entered by the operator	MAY 2004  OR CONVED  OR CONVED  Tat the end-of the haully cy
SIGNATURE Dand VUC. Landfarm Man Waste Management Facility Authorized Agent  TITLE: Landfarm Man	
TYPE OR PRINT NAME: Landrea Cupps. TELEPHONE NO: (50	05) 632-0615
APPROVED BY: DEPUTY OIL & GAS IN & FECTOR TITLE:  APPROVED BY: TITLE: Geo	DATE: 576/04 0/09/5 + DATE: 5-6-4



#### **BILL RICHARDSON**

Governor
Joanna Prukop
Cabinet Secretary



Lori Wrotenbery
Director
Oil Conservation Division

	Generator Name and Address	12.0	2. Destination Name:
	ConocoPhillips Company	(E.S.),	Environt value.
	1 * * *	The state of the s	is a protect the Son Remediation Facility
	5525 Hwy. 64		2. Destination Name: Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
	Farmington, NM 87401		Hilltop, New Mexico
	3. Originating Site (name):	Lo	ocation of the Waste (Street address &/or ULSTR):
	Scott #1E	Ur	nit P, Section 2, T29N, R13W
		11	00' FSL & 900' FEL
	API # 30-045-25085	Sa	n Juan County, New Mexico
	attach list of originating sites as appropriate		•
	4. Source and Description of Waste		
	20 BBL tank bottoms and tank wa	sh from cleani	ng out a pit tank in order to replace it with a steel pit
	tank.		
1	Monica D. Olson		representative for :
1,	Print Name		representative for .
<u> </u>	ConocoPhillips Company	mantal Dustration	do hereby certify that, according to the Resource
	vation and Recovery Act (RCRA) and Environment waste is: (Check appropriate classification)	nental Protection	Agency's July,1988, regulatory determination, the above
uescribe	waste is. (Check appropriate classification)		
X F	XEMPT oilfield waste	NON-EXEMP	T oilfield waste which is non-hazardous by characteristic
	AEMI I Officia waste	******	product identification
1.1.	d	•	
and that	nothing has been added to the exempt or non-	exempt non –naz	ardous waste defined above.
For <b>NO</b>	N-EXEMPT waste the following documentation	on is attached (ch	eck appropriate items):
	MSDS Information		er (description
	RCRA Hazardous Waste Analysis		
	Chain of Custody		
Thic we	esto is in compliance with Pegulated Levels of	of Naturally Occu	urring Radioactive Material (NORM) pursuant to 20
	3.1 subpart 1403.C and D.	Tratularly Occ	Tring Radioactive Material (NORM) pursuant to 20
	11		
Nama (1	Original Signature): MMCC O. Oson		
vame (	Original Signature): vice of	<del></del>	
Γitle:	HSE & Regulatory Technician	······································	
Phone N	Number: 505-599-3458		
vate:	April 30, 2004		

<u>District 1</u>
1625 N. French Dr., Hobbs, NM 88240
<u>District III</u>
1301 W. Grand Avenue, Artesia, NM 88210
<u>District IIII</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: Non-Exempt:	4. Generator: Conoco Phillips
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: Omler A #15
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) "F" Sec 26, T28N, R10W, San Juan County	Project #96052-095
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 ne material is not-hazardous and the Generator's certification of origin. No waste clarapproved	ecessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transp	ort.
BRIEF DESCRIPTION OF MATERIAL:	
Stained soil from production pit cleanout.  CWS attached.	MAY 2004  OR CONSON  ON ON ON ON ON ON ON ON ON ON ON ON ON O
Estimated Volume 58 cy Known Volume (to be entered by the operator at the e	ECOLOLULUS SILVER
SIGNATURE Management Facility Authorized Agent  TITLE: Landfarm Management Facility Authorized Agent	nger DATE: <u>April 27, 2004</u>
TYPE OR PRINT NAME: Landrea Cupps TELEPHONE NO: (50:	5) 632-0615
(This space for State (1/50)  APPROVED BY: DEPUTY OIL & CAS INSPECTOR  APPROVED BY: TITLE: Quell	DATE: 57.6/04  LOGIST TDATE: 5-6-4
MILITON ED DIE:	er y : Co V



Destination Name:

#### **BILL RICHARDSON**

1. Generator Name and Address

Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

	ConocoPhillips Company	Envirotech Inc. Soil Remediation Facility
	5525 Hwy. 64	Landfarm #2
	Farmington, NM 87401	Hilltop, New Mexico
	3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
	Omler A #15	Unit F, Section 26, T28N, R10W
		1675' FNL & 1830' FWL
	API # 30-045-25301	San Juan County, New Mexico
	<ul><li>attach list of originating sites as appropriate</li><li>4. Source and Description of Waste</li></ul>	
	58 cubic yards stained soil from pr	oduction pit clean out
I.	Monica D. Olson	representative for :
,	Print Name	·
	ConocoPhillips Company	do hereby certify that, according to the Resource
descri	EXEMPT oilfield waste	NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification
and th	nat nothing has been added to the exempt or non-	exempt non –hazardous waste defined above.
For N	ON-EXEMPT waste the following documentation	on is attached (check appropriate items):
	MSDS Information	Other (description
	RCRA Hazardous Waste Analysis Chain of Custody	
	waste is in compliance with Regulated Levels o C 3.1 subpart 1403.C and D.	f Naturally Occurring Radioactive Material (NORM) pursuant to 20
Name	(Original Signature): Mmile O. Osan	
	HSE & Regulatory Technician	
Phone	e Number: 505-599-3458	
Date:	April 27, 2004	·



\*<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 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 ACCEP	TSQLIDWASTE
I. RCRA Exempt:  ☐ Non-Exempt:  ☐	4. Generator: Conoco Phillips
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: Campbell Federal #5
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) "A" Sec 27, T27N, R12W, San Juan County	Project #96052-096
9. <u>Circle One</u> :	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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 claapproved</li> </ul>	necessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transp	oort.
BRIEF DESCRIPTION OF MATERIAL:	
Stained soil from production pit cleanout.	
CWS attached.  Estimated Volume $\frac{-160}{2}$ cy Known Volume (to be entered by the operator at the	end of the haul)cy
L. 1211 D. 1 2.21	
SIGNATURE Management Facility Authorized Agent  Waste Management Facility Authorized Agent	ager DATE: April 28, 2004
TYPE OR PRINT NAME: Landrea Cupps TELEPHONE NO: (50	<u>05)</u> 632-0615
(This space for State Use)  DEPUTY OIL & GAS INSPECTOR  APPROVED BY:  TITLE:	DATE: 5/6/04
APPROVED BY: A COLO	1915 DATE: 6-6-4

B



#### **BILL RICHARDSON**

Governor
Joanna Prukop
Cabinet Secretary



Lori Wrotenbery
Director
Oil Conservation Division

1. Generator Name and Address estination Name: ConocoPhillips Company Énvirotech Inc. Soil Remediation Facility 5525 Hwy. 64 Landfarm #2 Farmington, NM 87401 Hilltop, New Mexico 3. Originating Site (name): Location of the Waste (Street address &/or ULSTR): Unit A, Section 27, T27N, R12W Campbell Federal #5 790' FNL & 790' FEL API # 30-045-06307 San Juan County, New Mexico attach list of originating sites as appropriate Source and Description of Waste 160 cubic yards stained soil from pit clean out

I, Monica D. Olson	representative for :
Print Name	
ConocoPhillips Company	do hereby certify that, according to the Resource
Conservation and Recovery Act (RCRA) and Environ described waste is: (Check appropriate classification)	mental Protection Agency's July,1988, regulatory determination, the above
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 documentat  MSDS Information RCRA Hazardous Waste Analysis Chain of Custody  This waste is in compliance with Regulated Levels on NMAC 3.1 subpart 1403.C and D.	Other (description  Of Naturally Occurring Radioactive Material (NORM) pursuant to 20
Name (Original Signature): Mmile O. Obor	7
Title: HSE & Regulatory Technician	<del></del>
Phone Number: 505-599-3458	
Date: April 29, 2004	

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 I Copy to Appropriate District Office

### REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

I SOLLD WASTE
4. Generator: Conoco Phillips
5. Originating Site: SJ 28-7 #266
6. Transporter: Scat
8. State: New Mexico
Project #96052-094
ecessary chemical analysis to PROVE the assified hazardous by listing or testing will be
port.
bl oil tank in order to move it off a P&A
AY 200A SENVED SONV.
arthe end of the haul)cy
ager DATE: April 21, 2004
agei DATE. April 21, 2004
5) 632-0615

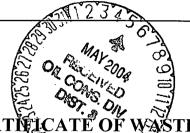
96052-094



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

#### **BILL RICHARDSON**

Governor
Joanna Prukop
Cabinet Secretary



Lori Wrotenbery
Director
Oil Conservation Division

	CERTI	CATE OF WASTE STATUS
	1. Generator Name and Address ConocoPhillips Company 5525 Hwy. 64 Farmington, NM 87401	Envirotech Inc. Soil Remediation Facility Landfarm #2
	3. Originating Site (name): San Juan 28-7 Unit #266	Hilltop, New Mexico  Location of the Waste (Street address &/or ULSTR): Unit M, Section 9, T28N, R7W
	API # 30-039-23329 attach list of originating sites as appropriat  4. Source and Description of Waste	1025' FSL & 1070' FWL Rio Arriba County, New Mexico
	25 BBL paraffin, tank bottoms, move it off a P&A facility.	and tank wash from cleaning out a 100 BBL oil tank in order to
Ι,	Monica D. Olson Print Name	representative for :
	ConocoPhillips Company vation and Recovery Act (RCRA) and Envir ed waste is: (Check appropriate classification	conmental Protection Agency's July,1988, regulatory determination, the above
_ <u>X</u> _E	XEMPT 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 no	on-exempt non –hazardous waste defined above.
For <b>NO</b>	N-EXEMPT waste the following document  MSDS Information  RCRA Hazardous Waste Analysis  Chain of Custody	tation is attached (check appropriate items):Other (description
	aste is in compliance with Regulated Level 3.1 subpart 1403.C and D.	ls of Naturally Occurring Radioactive Material (NORM) pursuant to 20
Name (	Original Signature): MMUL Q. Olde	<u>M</u>
Title:_		an
Phone !	Number: 505-599-3458	·
Data	April 21 2004	

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 SOLED WASTE

	A CI, III, III A
I. RCRA Exempt: □	4. Generator: XTO
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: Schwerdtfeger #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) "L" Sec 8, T27N, R11W, San Juan County	Project #98031-012
9. Circle One:	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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 claapproved</li> </ul>	necessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transp	port.
BRIEF DESCRIPTION OF MATERIAL:	
Condensate and produced water being cleaned out of an earthen separator p	pit.
CWS signed by Nelson Velez of Blagg Engineering – verified by Steve Jac	quez of XTO 4/14/04 attached.
Estimated Volumecy Known Volume (to be entered by the operator at the	e end of the haul)cy
SIGNATURE Management Facility Authorized Agent  TITLE: Landfarm Man	ager DATE: April 14, 2004
TYPE OR PRINT NAME: Landrea Cupps TELEPHONE NO: (50	05) 632-0615
(This space for State Deputy Oil & GAS INSPECTOR APPROVED BY:  TITLE:	DATE: 576/05
TARRED VEDIEN CONTINUE OF THE PROPERTY OF THE	CONTROL OF THE PROPERTY OF THE



<b>BILL RICHARDSON</b>
Governor
Joanna Prukop
Cabinet Secretary

CAÉE OF WASTE STAT

Lori Wrotenbery Director Oil Conservation Division

CERTIFICAGE OF MASTE STATUS
1. Generator Name and Address  XTO ENERGY INC  2700 Farmington Ave, Bldgk, Stel  Farmington, NM 8740)  3. Originating Site (name):  Schwerd + feger # D  attach list of originating sites as appropriate  4. Source and Description of Waste  EARTHEN  SEPARATOR PIT - CONDENSATE   PRODUCED WATER
I, NEISON VELEZ representative for:
BLAGE ENGINE INC. do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)  EXEMPT oilfield waste  NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification
For NON-EXEMPT waste the following documentation is attached (check appropriate items):
MSDS InformationOther (descriptionRCRA Hazardous Waste AnalysisChain 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): Muon VII  Fitle: AGENT - STAFF GEOLOGIST Verified by Steve Jaquez (XTO Foreman)  4 14 04 M
Phone Number: 505 - 632 - 1199
Date: 4/14/0 4

District I 1625 N. French Dr., Hobbs, NM 88240 District II 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 Fc, NM 87505

State of New Mexico Energy Minerals and Natural Re

> 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 ACŒE	PT SOLID WASTE
1. RCRA Exempt: □ Non-Exempt: □	Getterator: Conoco Phillips
Verbal Approval Received: Yes No 🖂	5. Originating Site: Hardie #5
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) "O" Sec 23, T28N, R8W, San Juan County	Project #96052-093
<ul> <li>9. Circle One: <ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied be one certificate per job.</li> <li>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 clapproved</li> <li>All transporters must certify the wastes delivered are only those consigned for trans</li> </ul> </li> </ul>	necessary chemical analysis to PROVE the lassified hazardous by listing or testing will be
BRIEF DESCRIPTION OF MATERIAL:	
Tank bottoms and fresh wash water from cleaning out a 210bbl oil tank in	order to swap it out for a newer tank.
CWS attached.	
:	
Estimated Volume ~15bbls cy Known Volume (to be entered by the operato	r at the end of the haul)cy
SIGNATURE Handla R (UP) TITLE: Landfarm Mar	nager DATE: April 13, 2004
TYPE OR PRINT NAME: Landrea Cupps TELEPHONE NO: (50	05) 632-0615
(This space for State U. DEPUTY OIL & GAS INSPECTOR  APPROVED BY:	DATE: 576/04
APPROVED BY RESERVED TIPLE: 400	109/8 T DATE: 6-6-4



#### BILL RICHARDSON

Governor
Joanna Prukop
Cabinet Secretary

Name (Original Signature): MmCle Q. Oben

Phone Number: 505-599-3458

April 13, 2004

Title: HSE & Regulatory Technician



1. Generator Name and Address Destination Name: ConocoPhillips Company Envirotech Inc. Soil Remediation Facility 5525 Hwy. 64 Landfarm #2 Farmington, NM 87401 Hilltop, New Mexico 3. Originating Site (name): Location of the Waste (Street address &/or ULSTR): Hardie #5 Unit O, Section 23, T28N, R8W 1020' FSL & 1850' FEL API # 30-045-20257 San Juan County, New Mexico attach list of originating sites as appropriate 4. Source and Description of Waste 15 BBL tank bottoms and tank wash from cleaning out a 210 BBL oil tank in order to swap it out for a newer tank. Monica D. Olson representative for: Print Name ConocoPhillips Company do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification) 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 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.

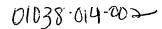
District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Re Oil Conservation Division May 2000 1220 South St. Francis Dr. Santa Fe, NM 87305

Form C-138 Revised March 17, 1999

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO AGCEF	?TSOLIDSWASTE
I. RCRA Exempt:  ☐ Non-Exempt:  ☐	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: 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) 2505' FNL, 1810' FSL, Sec 19, T31N, R7W, SJC	Project #01038-014-002
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 material is not-hazardous and the Generator's certification of origin. No waste classification of origin.	necessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transporters	port.
BRIEF DESCRIPTION OF MATERIAL:	
Soil contaminated with used screw compressor oil generated when an oil liproduction stream.	ine broke. Material has been in contact with
CWS attached.	
Estimated Volumecy Known Volume (to be entered by the operator at the en	nd of the haul)cy
SIGNATURE Waste Management Facility Authorized Agent  TITLE: Landfarm Man	ager DATE: April 12, 2004
TYPE OR PRINT NAME: Landrea Cupps TELEPHONE NO: (50	05) 632-0615
APPROVED BY: DEPUTY OIL & GAS INSPECTOR TITLE:	DATE: 576/04
APPROVED BY: A TITLE: ged (	10918t DATE: 5-6-4





BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary



Lori Wrotenbery
Director
Oil Conservation Division

CERTIFIC	ATE OF WASTE STATUS
1. Generator Name and Address	A SI NO Name:
Compressor Systems Inc.	Envirotech Inc. Soil Remediation Facility
P.O. Box 1886	Landfarm #2
Bloomfield, New Mexico 87-	Hilltop, New Mexico
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
NEBU 459 attach list of originating sites as appropriate	Sec19, T31N, R7W, SAN JAUN County
4. Source and Description of Waste	
Soil contaminated with screw compres contact with the production stream.	sor oil generated when an oil line broke. Material has been in
I, Mitchell Davis	representative for :
Print Name	
Compressor Systems Inc.	do hereby certify that, according to the Resource
Conservation and Recovery Act (RCRA) and Environment described waste is: (Check appropriate classification)	ental Protection Agency's July,1988, regulatory determination, the above
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-ea	xempt 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) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature):

Title:

5. 5. 7 Strior Strikt | Qthe
Phone Number:
(505) 632-5501 × 141

Date:

April/2, 2004

MSDS Information

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

Other (description

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

Submit Original Plus 1 Copy to Appropriate District Office

<b>REQUEST FOR</b>	<b>APPROVAL</b>	TO ACCI	EPŒŞOLIĎ	WASTE

NEQUESTION THE TO ACCES	ROOLID WASHE
1. RCRA Exempt: Non-Exempt:	4. Generator Diatco
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: Old 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 #97018-002
9. Circle One:	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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</li> </ul>	ecessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transp	port.
BRIEF DESCRIPTION OF MATERIAL:	
Contaminated dirt and sludge from various locations generated during the equipment at Natco's yard.	cleaning of oil and gas production
Location list, CWS, and NORMS attached.	
• • • • • • • • • • • • • • • • • • •	·
Estimated Volume 12 bbl cy Known Volume (to be entered by the operator at the end	of the haul)cy
SIGNATURE Waste Management Facility Authorized Agent  TITLE: Landfarm Management Facility Authorized Agent	ager DATE: April 13, 2004
ГУРЕ OR PRINT NAME: Landrea Cupps 5 TELEPHONE NO: (50	95) 632-061 <u>5</u>
(This space for Stail Garny & Found A APPROVED BY: DEPUTY OIL & GAS INSPECTOR THILE	DATE: 57/6/04
APPROVED BY: TITLE: good	10915 DATE: 8-6-4



#### BILL RICHARDSON

Governor Joanna Prukop Cabinet Secretary CERTIFICATE OF WASTE STATUS

Lori Wrotenbery

Ohector

Oil Conservation Division

1. Generator Name and Address Destination Name: Envirotech Inc. Soil Remediation Facility Natco Landfarm #2 2855 Southside River Rd Hilltop, New Mexico Farmington, NM 87401 3. Originating Site (name): Location of the Waste (Street address &/or ULSTR): 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. I, Jeffry J Month 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): 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):

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

•				
	WASTE SOLIDS			
		IOD NI MODE		
COMPANY	LOCATION	JOB NUMBER		
Bur Kayana	Attastic 2 # 3	73038847	IBBL	
, , , , , , , , , , , , , , , , , , , ,	T-1397	73036677	12 ALL	4 BBL S
	7-854	25037511	15 BBL	
11	GRATILE QUE	73032580	I BB L	
N	32-9 1 36 A	7525920 8	1/2 BB4_	,
4	29-7 1 545	18032523	1 IABBL	
ONOCO/AKINAS	C-244	73035643	12 BBL	:
under franch	2-136	73035653	1/2 BBL	681 C
. 10	C-67	73035961	Va BBL	4 BBL S
lv .	(-77	73035765	Ya Rou	
(1)	C-141	73035252	72 BBL	
(4	C - 114	730357862	42 BBL	
11	c-69	73035763	i BBL	
X+O	OH- PAR-1 # 6	73039206	1 BBL	2 BBLS
	Florance D# 17	73035997		
11 11	BOLACK 1712 A	73026701	1/2 352	
	4-17			
21 1/7	Die Az-10	73031212	72 BBL	
Chruson/TEXACO	Die Ch-E	73232513	42 BBL	1 ~ <b>~</b> // 1
	PL Days to 15	7303 8132	Y2 BRL	
N/A		75035487	3	
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Page 1



Location: Materia Yand (Minch Rock) Date: 3-10-04
Survey instrument model: <u>Ludlum 3-98</u> Last calibrated: <u>//-3-03</u>
Item description: 1-55 gul drom
Number of pieces:
Location where items originated: Migrilloction Equipment on White Rock (UK)
Background reading:
Highest NORM reading:UR/hr (corrected for background)
Lowest NORM reading: Z. S 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: Tarked down on two sides apposite of
top. Norm levels are low + Safe.
Inspector Jasse D. Manzanarias
What is final disposition? Neem levels are of to product can be disposed
Released to: Whom it may concern Date: 3/10/04



Location: Matics Guard Willish lock Date: 5-10-09	
Survey instrument model: Ludlure 3-98 Last calibrated: 11-3-03	
Item description: 1-55 sal arom	
Number of pieces:	
Location where items originated: firefection Equipment on Wash Park (U.K.)	)
Background reading:	
Highest NORM reading: 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: Taked down on two sides opposite of	
top. Near keels as to tow + Safe	
nspector Jassa B. Manzamires	
What is final disposition? Norm be dispose	d
Released to: Whom it may loncer Date: 3/10/04	



Location: flates find (flash lack) Date: 3-10-09
Survey instrument model: Ludlum 3-98 Last calibrated: 11-3-03
Item description: 1-53 gar alram
Number of pieces:
Location where items originated: Winduction Equipment on allash lack (UK)
Background reading:
Highest NORM reading: 95 uliVhr (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: Tarked down on two sides apposite of
each offer Total when on the bottom middle of
top. Neem livels and low + Safe.
nspector Joseph B. Manzanerias
What is final disposition? Norm be disposed
Released to: Whom it may Concer Date: 3/10/04



Location: Meter's Grand (Minist Rock) Date: 3-10-09
Survey instrument model: Ludlum 3-98 Last calibrated: 11-3-03
Item description: 1-5-5 davm
Number of pieces:
Location where items originated: Sireliction Equipment on which lak (U.K)
Background reading: uRVhr
Highest NORM reading: 2-5 ufVhr (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: Taked down on two sides apposite of
top. Neam levels and low + Safe.
nspector Jassa B. Manzaumers
What is final disposition? Norm be disposed
Released to: Inhon if may lance Date: 3/10/04



Location: Meters Yand Chinese lack Date: 3-10-04
Survey instrument model: <u>Ludlum 3-98</u> Last calibrated: <u>//-3-03</u>
Item description: 1-55 gal arom
Number of pieces:
Location where items originated: Parker tion Equipment on week lack (U.K)
Background reading:
Highest NORM reading: 9.0 uR/hr (corrected for background)
Lowest NORM reading: 2-1 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 dawn on two sides opposite of
top. Noem keels asse low + Safe.
respector Joseph B. Manzangeres
What is final disposition? Noom fourte are of a product can be disposed
Released to: John it may Concer Date: 3/10/04



Location: Metacs Yand (MISL lack) Date: 5-10-04	
Survey instrument model: Ludlum. 3-98 Last calibrated: 11-3-03	
Item description: 1-55 gal arom	
Number of pieces:	•
Location where items originated: firster tion Equipment on what lack (UK	)
Background reading: uR/hr	
Highest NORM reading: uR/hr (corrected for background)	
Lowest NORM reading: 7-2 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: Tartel down on two sides opposite of	
top. Noem wels sie low + Safe.	
respector Jase B. Manzaus Cas	
What is final disposition? Norm be dispose	cd
Released to: Inhom if may leacen Date: 3/10/04	



Location: Materia Yand (March Rack) Date: 5-10-04	
Survey instrument model: Ludlum. 3-98 Last calibrated: 11-3-03	٠
Item description: 1-55 gard alcom	
Number of pieces:	
Location where items originated. The control for the lack (	U.K.)
Background reading:	
Highest NORM reading: 10.0 uR/hr (corrected for background)	
Lowest NORM reading: 7.3 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: Taked down on two sides exposite of	
each offer Tital stan on the bottom middle or	· .
	•
nspector Joseph D. Manzans Mes	4
What is final disposition? Norm levels are of to pardict can be di	sposed
Released to: Inhom it may loncean Date: 3/10/04	



Location: Matics Yand (Ill & Rack) Date: 5-10-04
Survey instrument model: Ludlurs 3-98 Last calibrated: 11-3-03
Item description: 1-5-5 gard alcom
Number of pieces:
Location where items originated: forder tion Equipment on which lack (UK)
Background reading:
Highest NORM reading: 9.5 uPVhr (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: Tasked down on two sides apposite of
top. Noem levels aspendow + Sofe
nspector. Jasse B. Manzauscies
What is final disposition? Norm levels are of a predoct can be dispose
Released to: John it man boncon Date: 3/10/04



Location: Materia Yand (1811-16 Date: J-10-09
Survey instrument model: Ludlum 3-98 Last calibrated: 11-3-03
Item description: 1-5-5 gal acom
Number of pieces:
Location where items originated: Medication Equipment on allash lock (U.K)
Background reading:
Highest NORM reading:uRVhr (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: Taked down on two sides opposite of
each offer Twile the on the bottom middle of
top. Norm levels asser low + Safe
nspector Jasse B. Manzanieros
What is final disposition? Norm bush are of i pandont can be dispose.
Released to: Inshow if many Concers Date: 3/10/04



Location: Meter's Gund (Mish Rack) Date: 3-10-09	
Survey instrument model: Ludlum 3-28 Last calibrated: 11-3-03	•
Item description: 1-55 gal drom	
Number of pieces:	
Location where items originated: figure tion Equipment on alles lack	(UK)
Background reading: uiR/hr	
Highest NORM reading: 95 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.	
Pomple: Total Company of the Company	
Remarks: Tarked down on two sides opposite of	
top. Norm levels asse low + Safe.	•
Inspector Jasse D. Manzaugres	
What is final disposition? Neem Lough and of product can be	disposed
Released to: Inhon it may concern Date: 3/10/04	



Location: Action yand (Alask lack) Date: 3-10-04
Survey instrument model: Ludlum 3-98 Last calibrated: 11-3-03
Item description: 1-53 gal drom
Number of pieces:
Location where items originated: Significant for what hak (U.K)
Background reading:
Highest NORM reading: 9.5 ulik/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: Taked down on two sides opposite of
top. Neem kiels aske low + Safe.
respector Jasse B. Manzaneres
What is final disposition? Norm love to are of it product can be disposed
deleased to: Inthon it may leacen Date: 3/10/04



Location: Material Gund (Stack) Date: 5-10-69
Survey instrument model: Ladlome 3-98 Last calibrated: 11-3-03
Item description: 1-5-5 Azom
Number of pieces:
Location where items originated: Jazzeluction Equipment pa Wash Rack (U.K)
Background reading:
Highest NORM reading: 9.0 uliVhr (corrected for background)
Lowest NORM reading: 6.3 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: Taked down on two rides opposite of
each there Title that on the bottom middle of
Copi Tibem well File- The + Jake
nspector Jassa B. Manzauros
What is final disposition? Neem levels are of + product can be dispose
deleased to: Ishom if may lanceen Date: 3/10/04

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 MAY 1220 South St. Francischr. Santa Fe, NM 875055 Form C-138 Revised March 17, 1999

> Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

	I SOLID (MAISTE
1. RCRA Exempt:  ☐ Non-Exempt: ☐	A Generator Baker Oil Tools
Verbal Approval Received: Yes No 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 #01039-006-002
9. Circle One:	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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 claapproved</li> </ul>	ecessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transporters	port.
BRIEF DESCRIPTION OF MATERIAL:	
Sludge generated from power washing down-hole tools.	
CWS attached.	
In .	
Estimated Volume 2bbl cy Known Volume (to be entered by the operator at the en	nd of the haul)cy
SIGNATURE Jandria K. up D TITLE: Landfarm Man Waste Management Facility Authorized Agent	ager DATE: April 8, 2004
TYPE OR PRINT NAME: Landrea Cupps TELEPHONE NO: (50	<u>05) 632-0615</u>
(This space for State Use)	
Denny & Fourt	DIE CHAN
APPROVED BY: DEPUTY OIL & GAS INSPECTOR  APPROVED BY: TITLE: 400 (a	1911 DATE: 5-16-4
The state of the s	



Phone Number:

Date:

### NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON** Lori Wrotenbery Governor Director Joanna Prukop Oil Conservation Division Cabinet Secretary **CERTIFICATE OF** 1. Generator Name and Address BAKER Oil TOOLS 785 SANDSTONE AUE Finc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico FARMING TON NM 3. Originating Site (name): Location of the Waste (Street address &/or ULSTR): SAME

attach list of originating sites as appropriate	
4. Source and Description of Waste	
Sludge Removed from 6:100);	n wach apen The studge is
seniested it is a self	1 1 1 1 1
generated Steam Cleaning Of	n wash area. The sludge is ownhole tooks
7	
I, Doug Bowers	representative for :
→ Print Name	
BAKER OIL TOOKS	do hereby certify that, according to the Resource
Conservation and Recovery Act (RCRA) and Environmental Prof	
described waste is: (Check appropriate classification)	ection Agency 3 July, 1900, regulatory determination, the above
WING 418104	
EXEMPT oilfield waste	XEMPT oilfield waste which is non-hazardous by characteristic
	or by product identification
aliatysis	or by product identification
and that nothing has been added to the exempt or non-exempt nor	n –hazardous waste defined above
and that nothing has occir added to the exempt of non exempt nor	I hazardoub water sormed above.
For NON-EXEMPT waste the following documentation is attach	ned (check appropriate items):
MSDS Information	Other (description
RCRA Hazardous Waste Analysis	outer (description
Chain of Custody	
Chain of custody	
my : 4. '- ' E	- Occupating Radiosetine Motorial (NORM) numerical to 20
This waste is in compliance with Regulated Levels of Naturall	y Occurring Radioactive Material (NORM) pursuant to 20
NMAC 3.1 subpart 1403.C and D.	
Name (Original Signature):	<u>~</u>
Title: Operations MANAGER	
ra- 777	

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 1625 N. French Dr., Hobbs, NM 88240 <u>District III</u> 1301 W. Grand Avenue, Artesia, NM 88210 <u>District IIII</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 O 1220 South St. Francis Dr. Santa Fe, NM 875

Form C-138 Revised March 17, 1999

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT

REQUESTION ATTROVAL TO ACCES	I SOUTH CANADIE	
1. RCRA Exempt: Non-Exempt:	Elm Ridge Resources	
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: South Bisti 30-L #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) "L" Sec 30, T26N, R13W, San Juan County	Project #03056-006	
<ul> <li>9. Circle One:</li> <li>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.</li> <li>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</li> </ul>		
All transporters must certify the wastes delivered are only those consigned for transport.		
BRIEF DESCRIPTION OF MATERIAL:		
Produced water tank bottoms and fresh wash water being cleaned out for p CWS attached.	roper operations.	
Estimated Volume cy Known Volume (to be entered by the operator at the en	ad of the haul)cy	
SIGNATURE Jand LA CUADO TITLE: Landfarm Man Waste Management Facility Authorized Agent	ager DATE: March 29, 2004	
TYPE OR PRINT NAME: Landrea Supps TELEPHONE NO: (505) 632-0615		
(This space for State User) Connect to Town  APPROVED BY:  TITLE:	DÁTE: \$\\\ \( \frac{5}{6} \) \( \frac{6}{6} \)	
APPROVED BY TITLE: Q COL	09/5 DATE 5-6-4	



### 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

ļ	1. Generator Name and Address	2. Destination Name: Envirotech Inc. Soil Remediation Facility Landfarm #2 Hillon Novy Moving
	Elm Ridge Resources	Envirotech Inc. Soil Remediation Facility
	P.O. Box 189	Landfarm #2
	Farmington, New Mexico 87	7401 Hilltop, New Mexico
	3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
	South Bisti 30-L #1	"L" Sec 30, T26N, R13W, San Juan County
	attach list of originating sites as appropriate  4. Source and Description of Waste	
	Produced water tank bottoms being cle	eaned out for proper operations.
I,	Mack Humphrey Print Name	representative for :
	Finit Manie	
	Elm Ridge Resources	do hereby certify that, according to the Resource
	vation and Recovery Act (RCRA) and Environmed waste is: (Check appropriate classification)	mental Protection Agency's July,1988, regulatory determination, the above
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-e	exempt non -hazardous waste defined above.
For NO	N-EXEMPT waste the following documentatio MSDS InformationRCRA Hazardous Waste AnalysisChain of Custody	on is attached (check appropriate items):Other (description
	aste is in compliance with Regulated Levels of 3.1 subpart 1403.C and D.	of Naturally Occurring Radioactive Material (NORM) pursuant to 20
Name (	Original Signature): Moch Dung	mby .
Title:_	Foreman	
Phone l	Number: (505) 330-9401	
Date:_	March 29, 2004	

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 ACCE	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) 4109 E. Main Street, Farmington	Project #92132-001
9. Circle One:	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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</li> </ul>	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 bay grit from 2 bays that have been dried in a drying bed.  CWS, Re-Affirmation Statement, and TCLP dated 7/23/03 attached.  Estimated Volumecy Known Volume (to be entered by the operator at the e	and of the haul)
Estimated Volumecy Known Volume (to be entered by the operator at the e	nd of the haul)cy
Waste Management Facility Authorized Agent	nager DATE: March 25, 2004
TYPE OR PRINT NAME: Landred Jackson TELEPHONE NO: (505) 632-0615	
9. Toust	
CINESPACE OF SAME SET CAS INSTECTOR  APPROVED BY DEPUTYOR TO THE CONTROL OF THE C	DATE \$76/04

District I bistrict II

1625 N. French Dr., Hobbs, NM 88240

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Road, Aztec, NM 87410

District IV

#### State of New Mexico Energy Minerals and Natural Resources

Form C-138 Revised March 17, 1999

Submit Original Plus I Copy to Appropriate District Office

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

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

REQUEST FOR APPROVAL TO ACCEI	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) 4109 E. Main Street, Farmington	Project #92132-001
9. Circle One:	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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 claapproved</li> </ul>	ecessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transp	port.
BRIEF DESCRIPTION OF MATERIAL:	
Wash bay grit from 2 bays that have been dried in a drying bed.	10 TO TO THE LOCAL TO THE PARTY OF THE PARTY
CWS, Re-Affirmation Statement, and TCLP dated 7/23/03 attached.	Or College on State of the Stat
	81 (191 ) A
stimated Volumecy Known Volume (to be entered by the operator at the en	nd of the haul)cy
IGNATURE JUNE AUGUST TITLE: Landfarm Management Facility Authorized Agent	ager DATE: March 25, 2004
YPE OR PRINT NAME: <u>Landrea Jackson</u> TELEPHONE NO: (505) 632-0615	
(This space for State Deputy Oil & GAS INSPECTOR APPROVED BY:  APPROVED BY:	DATE
APPROVED BY:	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	<b>V</b>	2 Decivities No.	_
•	Light House England Coming	SE SI DI	2. Destination Name:	
	Halliburton Energy Service	Sol BI	2. Destination Name:	
	4109 E. Main Street		Landfarm #2	
	Farmington, New Mexico 87402		Hilltop, New Mexico	
	3. Originating Site (name):	Lc	cation of the Waste (Street address &/or ULSTR):	_
	Halliburton, 4109 E. Main, Farmington			
	attach list of originating sites as appropriate	1		
	4. Source and Description of Waste	+		
	Washbay grit from 2 bays that have been di	ried in a d	lrying bed.	
I,	Merle D. Krause III		representative for :	_
	Print Name			
	Halliburton Energy Service		do hereby certify that, according to the Resource	
Conserv	ration and Recovery Act (RCRA) and Environmental and waste is: (Check appropriate classification)	Protection	Agency's July, 1988, regulatory determination, the above	
describe	ed waste is. (Check appropriate classification)			
EX	EMPT oilfield waste X NO anal	DN-EXEM lysis or by p	PT oilfield waste which is non-hazardous by characteristic product identification	
and that	nothing has been added to the exempt or non-exemp	t non –haza	rdous waste defined above.	
For NO	N-EXEMPT waste the following documentation is at	ttached (che	eck appropriate items)	
011101	MSDS Information		r (description	
	X RCRA Hazardous Waste Analysis	:	•	
	Chain of Custody	;		
	ste is in compliance with Regulated Levels of Natu 3.1 subpart 1403.C and D.	irally Occu	rring Radioactive Material (NORM) pursuant to 20	
		<del>2</del> 2		
Name (C	Original Signature):	2 Jan		
lattle:	Material Control Supervisor			
Phone N	lumber: (505) 324-3551	···············		
Date:	March 25, 2004		,	
		1		

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



#### 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

Title / Agency

Address

4109 E. Mair

Signature

Dale

03/25/04



### SUSPECTED HAZARDOUS WASTE ANALYSIS

Client: Sample ID:

2003 Wash Bay Sludge

Project #:
Date Reported:

92132-001 07-23-03

Lab ID#: Sample Matrix: 26147 Soil Date Sampled: Date Received:

07-23-03 07-23-03

Preservative:

Cool

Date Analyzed:

07-23-03

Condition:

Cool and Intact

Halliburton

Chain of Custody:

11169

Parameter

Result

**IGNITABILITY**:

Negative

**CORROSIVITY:** 

Negative

pH = 6.78

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.

Commente.

Halliburton

Analyst

/ Motine of Waters



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

	1		
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 Acceptance Criteria		Parameter	Percent Recovery	
		Fluorobenzene	100%	
•	i	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:

Halliburton.

Analyst C. Qui

Mistine of Waters



#### EPA METHOD 8040 PHENOLS

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

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:

Halliburton.

Analyst

Mustine m Walters



#### 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

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)	
. a.a.moto.	(**-3. –)	<u> </u>	(***3/=/	
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	eptance Criteria Para		Percent Recovery
		2-fluorobiphenyl	99%

References:

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

Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 1992.

Method 8090, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.

Note:

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

Comments.

Halliburton.

Dec C Option

Mistane My Walters



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

Halliburton	Project #:	92132-001
2003 Wash Bay Sludge	Date Reported:	07-25-03
26147	Date Sampled:	07-23-03
11169	Date Received:	07-23-03
TCLP Extract	Date Analyzed:	07-25-03
Cool	Date Extracted:	07-23-03
Cool & Intact	Analysis Needed:	TCLP metals
	2003 Waşh Bay Sludge 26147 11169 TCLP Extract Cool	2003 Wash Bay Sludge Date Reported: 26147 Date Sampled: 11169 Date Received: TCLP Extract Date Analyzed: Cool Date Extracted:

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

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 10 CFR part 261 subpart C

section 261.24, August 24, 1998.

Comments:

Halliburton.

Analyst

/ hustine of Walters Review



# QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION



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

Client: Sample ID:	QA/QC Laboratory Blank	Project #: Date Reported:	N/A 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

	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	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 26147.

Analyst C. Cylenna

Misterie Milatter



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

	:		
Client:	QA/QC I	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

	1	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	C Acceptance Criteria Parameter		Percent Recovery
	Ţ	Fluorobenzene	99%
	1	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. iviethod 8020, Aromatic Voidtile Organics, SW-846, USEPA, Cept. 1994.

Note:

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

Comments:

QA/QC for sample 26147.

Analysi P. Que

Miatine M Watles



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

Client: Sample ID:	QA/QC Matrix Duplicate	Project #: Date Reported:	N/A 07-25-03
Laboratory Number:	26147	Date Sampled:	N/A
Sample Matrix: Analysis Requested:	TCLP Extract TCLP	Date Received: Date Analyzed:	N/A 07-25-03
Condition:	N/A	Date Extracted:	07-23-03

	1	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.

Comments:

QA/QC for sample 26147.

Analyst

Roview



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

QA/QC Project #: Client: N/A Date Reported: Sample ID: Matrix Spike 07-25-03 26147 Date Sampled: Laboratory Number: N/A TCLP Extract Date Received: Sample Matrix: N/A Analysis Requested: **TCLP** Date Analyzed: 07-25-03 N/A Date Extracted: Condition: 07-23-03

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)	0.0182	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.

Analyst

Mustine Mulatus



#### EPA METHOD 8040 PHENOLS

#### Quality Assurance Report Laboratory Blank

Client: Sample ID: Laboratory Number: Sample Matrix:	QA/QC Laboratory Blank 07-25-TCA 2-Propanol	Project #: Date Reported: Date Sampled: Date Received:	N/A 07-25-03 N/A N/A
Preservative: Condition:	N/A N/A	Date Analyzed: Analysis Requested:	07-25-03 TCLP

Analytical Results		Detection	Regulatory	
Parameter	Concentration (mg/L)	Limit (mg/L)	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:

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 C. Q1

Allisterie M. Wasters



### 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)
T uranjeter .	(g, =)	(g. –)	(9, =)
o-Cresol	ND	0.020	200
p,m-Cresol	ND	0.040	200
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400
Pentachlorophenol	ND	0.020	100

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	2-Fluorophenol	99%
	2,4,6-Tribromophenol	99%

References:

Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid

Waste, SW-846, USEPA, July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid

Waste, SW-846, USEPA, July 1992.

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

Note:

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

Comments:

QA/QC for sample 26147.

Analysi

/ Mustine M Watlers
Review



### 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:	TOLD

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

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Maximum Difference
	8040 Compounds	30.0%

References:

Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid

Waste, SW-846, USEPA, July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid

Waste, SW-846, USEPA, July 1992.

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

Note:

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

Comments:

QA/QC for sample 26147.

Allan L. Life

/ hintine my Detters
Review



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

QA/QC Project #: Client: N/A Laboratory Blank Date Reported: 07-25-03 Sample ID: 05-25-TBN Date Sampled: Laboratory Number: N/A Sample Matrix: Hexane Date Received: N/A N/A Date Extracted: Preservative: 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 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:

QA/QC for sample 26147.

Analyst C. Q.

Mintine M Walter



#### 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

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, 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 20147.

Analyst C. Q1

Anistine of Watless \_\_\_



#### 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:	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 Requested:	TCLP

Parameter	Sample Result (mg/L)	Duplicate Result (mg/L)	Result Percent		
Pyridine	ND	ND	0.0%	0.020	
Hexachloroethane	ND	ND	0.0%	0.020	
Nitrobenzene	ND	ND	0.0%	0.020	
Hexachlorobutadiene	ND	ND	0.0%	0.020	
2,4-Dinitrotoluene	ND	ND	0.0%	0.020	
HexachloroBenzene	ND	ND	0.0%	0.020	

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria	Parameter	Maximum Difference

#### 8090 Compounds

30%

References:

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

Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 1992.

Method 8090, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.

Note:

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

Comments.

QA/QC for sample 26147.

Analyst C. Qui

Allotine milesters Review



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

Client:	N/A	Project #:	N/A
Sample ID:	07-25-TCM QA/QC	Date Reported:	07-25-03
Laboratory Number:	26147	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Analysis Requested:	TCLP Metals	Date Analyzed:	07-25-03
Condition:	N/A	Date Extracted:	N/A

.Blank & Düplicaté Conc.((mg/L)	Instrument   Blank	Method Blank	Detectii Limit	SERVICE STREET, WAS AND ASSESSED.	e Duplicat	e % Difference	Acceptance Range
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 Conc.(mg/L)	Spike Added				Acceptance Range
Arsenic	0.500	0.008	0.507	99.8%	80% - 120%
Barium	0.500	0.964	1.46	99.7%	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%

ND - Parameter not detected at the stated detection limit.

References: Meth

Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, Dec. 1996

Mediods 3010, 3020. Add Digestion of Aqueous Camples 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.

Analyst

( MACHURE M) ( DOTTHE Review

### CHAIN OF CUSTODY RECORD

lient / Project Name			Froject Location		·····		ANALYSIS / PARAMETERS								
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ampler:			Client No.				S							Remarks	
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Sample No./ Identification	Sample Date	Sample Time	Lab Number		Sample Matrix	Z	Con	751							
Hall: burton2003 Wash BAY Sludge	7-230	11:55	26147	30:		. 1		1		,					
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ENVIROTECH INC.

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

Sample Receipt					
	Υ	Ν	N/A		
Received Intact	i				
Cool - Ice/Bli	Ĺ				



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 ACCEP	'I SULID WASTE
1. RCRA Exempt: Non-Exempt: 🖂	4. Generator: Universal Compression
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: San Juan 32-9 #285
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Universal
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 13, T32N, R10W, San Juan County	Project #98059-033
9. Circle One:	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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</li> </ul>	ecessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transp	port.
BRIEF DESCRIPTION OF MATERIAL:	
New Coastal High Speed Pegasus 490 oil leaked from day tank contamina  CWS & MSDS attached  Estimated Volume 1bbl cy Known Volume (to be entered by the operator at the end of the contamina)	MAY 2004  OST. ON.
SIGNATURE Management Facility Authorized Agent  TITLE: Landfarm Management Facility Authorized Agent	ager DATE: March 8, 2004
TYPE OR PRINT NAME: <u>Landrea Jackson</u> TELEPHONE'NO: <u>(505)</u> 632-0615	
	Desentación de la completa de la contractiva de la contractiva de la contractiva de la contractiva de la contra
(This space for State U.S.)  DEPUTY OIL & GAS INSPECTOR  APPROVED BY:  THILE	DATE: 576/04
APPROVED BY 124 264 TITLE ENGINEERS	L/60/95/ DATE 5/3/04

District I
1625 N. French Dr., Hobbs, NM 88240
Sistrict 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 Re

> Oil Conservation Division 1220 South St. Francis Pr. On CONS. DI Santa Fe, NM 8750 S. DI

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: ⊠	Generator: Universal Compression						
Verbal Approval Received: Yes \( \sum \) No \( \sum \)	5. Originating Site: San Juan 32-9 #285						
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Universal						
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 13, T32N, R10W, San Juan County	Project #98059-033						
9. Circle One:							
<ul> <li>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.</li> <li>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</li> </ul>							
All transporters must certify the wastes delivered are only those consigned for transporters	port.						
BRIEF DESCRIPTION OF MATERIAL:							
New Coastal High Speed Pegasus 490 oil leaked from day tank contamina	ating 1bbl of soil.						
CWS & MSDS attached							
	*						
Estimated Volume 1bbl cy Known Volume (to be entered by the operator at the end of the control o	of the haul)cy						
SIGNATURE MANAGEMENT Facility Authorized Agent  TITLE: Landfarm Man	ager DATE: March 8, 2004						
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615							
4 7 7							
(This space for State Use) DEPUTY OIL & GAS INSPECTOR APPROVED BY:	DATE 51/104						
APPROVED BY: TITLE:	DATE:						



### NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

#### BILL RICHARDSON

Governor
Joanna Prukop
Cabinet Secretary

MAY 2004

OCONS DIV.

WASTE STATUS

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2 66 11: 51:21 13:
	2. Destination Name:
Universal Commonession	Envirotech Inc. Soil Remediation Facility
3440 moritines	Landfarm #2
3440 MORNINGS	Hilltop, New Mexico
200 T	,
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
C = C = C = C = C = C = C = C = C = C =	35 "n" Sec13, T321, RIOW,
1 Daw Jarm 52-4 "02	510 00318104
attach list of originating sites as appropriate	510 00000
	1100 10011. 10
1. Source and Description of Waste New Coastal high Speed Pegasus	,490 raked from
Day tank.	
The force of	$\tau \sim 1$
35 gallon DRUM C	of Direct Oil
100/20	
Print Name	representative for :
Print Name	
Universal Commpussion	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 DAMPE	DOD - 216-11
	PT oilfield waste which is non-hazardous by characteristic
analysis of t	by product identification
and that nothing has been added to the exempt or non-exempt non -haz	zardous waste defined above
and that nothing has been added to the exempt of hen exempt hen has	Trade Walle and Trade and
For NON-EXEMPT waste the following documentation is attached (ch	neck appropriate items):
	er (description
RCRA Hazardous Waste Analysis	(
Chain of Custody	
·	
This waste is in compliance with Regulated Levels of Naturally Occ	urring Radioactive Material (NORM) pursuant to 20
NMAC 3.1 subpart 1403.C and D. / / / /	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Name (Original Signature): WWW. SULD ()	K per Rick Mapes 3/8/04 lly
1/1/20 1/20	
Title: <u>field Savice</u> ach	
Phone Number: (505) 486 5352	
inone number.	
Date: 2-25-04	

### 605881-00 MOBIL PEGASUS 490 MATERIAL SAFETY DATA BULLETIN

#### 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: MOBIL PEGASUS 490

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: Amber Liquid. DOT ERG No. : NA

POTENTIAL HEALTH EFFECTS: Under normal conditions of intended use,

this product does not pose a risk to health. Excessive exposure may result in eye, skin or respiratory irritation.

For further health effects/toxicological data, see Section 11.

#### 4. FIRST AID MEASURES

EYE CONTACT: Flush thoroughly with water. If irritation occurs, call a physician.

- SKIN CONTACT: Wash contact areas with soap and water. Remove and clean oil soaked clothing daily and wash affected area. (See Section 16 Injection Injury)
- INHALATION: Not expected to be a problem. However, if respiratory irritation, dizziness, nausea, or unconsciousness occurs due to excessive vapor or mist exposure, seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or mouth-to-mouth resuscitation.
- INGESTION: Not expected to be a problem. Seek medical attention if discomfort occurs. Do not induce vomiting.

#### 5. FIRE-FIGHTING MEASURES

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

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

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): > 218(425) (ASTM D-92).

Flammable Limits (approx.% vol.in air) - LEL: 0.9%, UEL: 7.0% NFPA HAZARD ID: Health: 0, Flammability: 1, Reactivity: 0

#### 6. ACCIDENTAL RELEASE MEASURES

drinking water supply.

NOTIFICATION PROCEDURES: Report spills/releases as required to appropriate authorities. U.S. Coast Guard and EPA regulations require immediate reporting of spills/releases that could reach any waterway including intermittent dry creeks. Report spill/release to Coast Guard National Response Center toll free number (800)424-8802. In case of accident or road spill notify CHEMTREC (800) 424-9300.

PROCEDURES IF MATERIAL IS RELEASED OR SPILLED:

LAND SPILL: Shut off source taking normal safety precautions. Take measures to minimize the effects on ground water. Recover by pumping or contain spilled material with sand or other suitable absorbent and remove mechanically into containers. If necessary, dispose of adsorbed residues as directed in Section 13.

WATER SPILL: Confine the spill immediately with booms. Warn other ships in the vicinity. Notify port and other relevant authorities. Remove from the surface by skimming or with suitable absorbents. If permitted by regulatory authorities the use of suitable dispersants should be considered where recommended in local oil spill procedures.

ENVIRONMENTAL PRECAUTIONS: Prevent material from entering sewers, water sources or low lying areas; advise the relevant authorities if it has, or if it contaminates soil/vegetation.

\_\_\_\_\_\_

PERSONAL PRECAUTIONS: See Section 8

#### 7. HANDLING-AND-STORAGE

HANDLING: No special precautions are necessary beyond normal good hygiene practices. See Section 8 for additional personal protection advice when handling this product.

STORAGE: Keep containers closed when not in use. Do not store in open or unlabelled containers. Store away from strong oxidizing agents and combustible materials. Do not store near heat, sparks, flame or strong oxidants.

SPECIAL PRECAUTIONS: Prevent small spills and leakages to avoid slip hazard.

EMPTY CONTAINER WARNING: Empty containers retain residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Do not attempt to refill or clean container since residue is difficult to remove. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS:

When mists/aerosols can occur, the following are recommended: 5 mg/m3 (as oil mist) - ACGIH Threshold Limit Value (TLV), 10 mg/m3 (as oil mist)

- ACGIH Short Term Exposure Limit (STEL), 5 mg/m3 (as oil mist) - OSHA Permissible Exposure Limit (PEL)

VENTILATION: If mists are generated, use adequate ventilation, local exhaust or enclosures to control below exposure limits.

RESPIRATORY PROTECTION: If mists are generated, and/or when ventilation is not adequate, wear approved respirator.

EYE PROTECTION: If eye contact is likely, safety glasses with side shields or chemical type goggles should be worn.

SKIN PROTECTION: Not normally required. When splashing or liquid contact can occur frequently, wear oil resistant gloves and/or other protective clothing. Good personal hygiene practices should always be followed.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

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

APPEARANCE: Liquid

COLOR: Amber ODOR: Mild

ODOR THRESHOLD-ppm: NE

AN: Hq

BOILING POINT C(F): > 316(600)

MELTING POINT C(F): NA

FLASH POINT C(F): > 218(425) (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: 0.885

SOLUBILITY IN WATER: Negligible

PARTITION COEFFICIENT: > 3.5

VISCOSITY AT 40 C, cSt: 132.0

VISCOSITY AT 100 C, cSt: 13.3

POUR POINT C(F): < -15(5).

FREEZING POINT C(F): NE

VOLATILE ORGANIC COMPOUND: NE

DMSO EXTRACT, IP-346 (WT.%): <3, for mineral oil only

NA=NOT APPLICABLE NE=NOT ESTABLISHED D=DECOMPOSES

FOR FURTHER TECHNICAL INFORMATION, CONTACT YOUR MARKETING REPRESENTATIVE

#### 10. STABILITY AND REACTIVITY

STABILITY (THERMAL, LIGHT, ETC.): Stable.

CONDITIONS TO AVOID: Extreme heat and high energy sources of ignition. INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Product does not decompose at ambient temperatures.

HAZARDOUS POLYMERIZATION: Will not occur.

#### 11. TOXICOLOGICAL DATA

#### ---ACUTE TOXICOLOGY---

\_\_\_\_\_\_

- ORAL TOXICITY (RATS): Practically non-toxic (LD50: greater than 2000 mg/kg). --Based on testing of similar products and/or the components.
- DERMAL TOXICITY (RABBITS): Practically non-toxic (LD50: greater than 2000 mg/kg). ---Based on testing of similar products and/or the components.
- EYE IRRITATION (RABBITS): Practically non-irritating. (Draize score: greater than 6 but 15 or less). ---Based on testing of similar products and/or the components.
- SKIN IRRITATION (RABBITS): Practically non-irritating. (Primary Irritation Index: greater than 0.5 but less than 3). ---Based on testing of similar products and/or the components.
- OTHER ACUTE TOXICITY DATA: Although an acute inhalation study was not performed with this product, a variety of mineral and synthetic oils, such as those in this product, have been tested. These samples had virtually no effect other than a nonspecific inflammatory response in the lung to the aerosolized mineral oil. The presence of additives in other tested formulations (in approximately the same amounts as in the present formulation) did not alter the observed effects.
  - ---SUBCHRONIC TOXICOLOGY (SUMMARY) ---
- No significant adverse effects were found in studies using repeated dermal applications of similar formulations to the skin of laboratory animals for 13 weeks at doses significantly higher than those expected during normal industrial exposure. The animals were evaluated extensively for effects of exposure (hematology, serum chemistry, urinalysis, organ weights, microscopic examination of tissues etc.).
  - --- REPRODUCTIVE TOXICOLOGY (SUMMARY) ---

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

---CHRONIC TOXICOLOGY (SUMMARY)---

Repeated and/or prolonged exposure may cause irritation to the skin, eyes or respiratory tract. Overexposure to oil mist may result in oil droplet deposition and/or granuloma formation. For mineral base oils: Base oils in this product are severely solvent refined and/or severely hydrotreated. Chronic mouse skin painting studies of severely treated oils showed no evidence of carcinogenic effects. These results are confirmed on a continuing basis using various screening methods such as Modified Ames Test, IP-346, and/or other analytical methods. For synthetic base oils: The base oils in this product have been tested in the Ames assay and other tests of mutagenicity with negative results. These base oils are not expected to be carcinogenic with chronic dermal exposures.

---SENSITIZATION (SUMMARY)---

\_\_\_\_\_\_

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

#### 12. ECOLOGICAL INFORMATION

#### ENVIRONMENTAL FATE AND EFFECTS:

In the absence of specific environmental data for this product, this assessment is based on information for representative products. 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.

#### 14. TRANSPORT INFORMATION

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

IMO: NOT REGULATED BY IMO.
IATA: NOT REGULATED BY IATA.

STATIC ACCUMULATOR (50 picosiemens or less): YES

#### 15. REGULATORY INFORMATION

US OSHA HAZARD COMMUNICATION STANDARD: When used for its intended purposes, this product is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200.

EU Labeling: Product is not dangerous as defined by the European Union Dangerous Substances/Preparations Directives. EU labeling not required.

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

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

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

This product contains no chemicals subject to the supplier notification requirements of SARA (313) toxic release program.

The following product ingredients are cited on the lists below:

CHEMICAL NAME	CAS NUMBER	LIST CITATIONS
ZINC (ELEMENTAL ANALYSIS) (<0.03%)	7440-66-6	22
PHOSPHORODITHOIC ACID, O,O-DI	68649-42-3	22
C1-14-ALKYL ESTERS, ZINC SALTS (2:		
1) (7000) (0 24%)		

--- 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 CAR	C 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=RT RTK

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

#### 16. OTHER INFORMATION

USE: NATURAL GAS ENGINE OIL

NOTE: PRODUCTS OF EXXON MOBIL CORPORATION AND ITS AFFILIATED COMPANIES ARE NOT FORMULATED TO CONTAIN PCBS.

Health studies have shown that many hydrocarbons pose potential human health risks which may vary from person to person. Information provided on this MSDS reflects intended use. This product should not be used for other applications. In any case, the following advice should be considered:

INJECTION INJURY WARNING: If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.

#### INDUSTRIAL LABEL

Under normal conditions of intended use, this product does not pose a risk to health. Excessive exposure may result in eye, skin or respiratory irritation. Always observe good hygiene measures. First Aid: Wash skin with soap and water. Flush eyes with water. If overcome by fumes or vapor, remove to fresh air. If ingested do not induce vomiting. If symptoms persist seek medical assistance. Read and understand the MSDS before using this product.

For Internal Use Only: MHC: 1\* 1\* 1\* 1\* 1\*, MPPEC: A, TRN: 605881-00, CMCS97: 970910, REQ: US - MARKETING, SAFE USE: L

EHS Approval Date: 06DEC2001

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*

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. Appropriate 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 contained in this document comply with the laws of any other country except the United States of America.

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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



DATE:

Form C-138 Revised March 17, 1999 Submit Original

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO	$E^{1/2}$	"\$\r\" 'e\$\\\\ \\ \\\ \\\\\\\\\\\\\\\\\\\\\\\\
DEATTECT FAD ADDDAUAT TA		
RRUIDBSI BUR APPRUVAL IU	ALLHERS	
REQUEST FOR MITTION ALL TO		
•	W 3	A .7

1. RCRA Exempt: ☐ Non-Exempt: ☐	4. Generator: Confoco Phillips	
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: San Juan 28-7 #46	
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) "H" Sec 16, T28N, R7W, Rio Arriba County	Project #96052-08011	
9. Circle One:		
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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 classification approved</li> </ul>	ecessary chemical analysis to PROVE the	
All transporters must certify the wastes delivered are only those consigned for transp	port.	
BRIEF DESCRIPTION OF MATERIAL:		
Tank bottoms and fresh wash water from cleaning out produced water tank	in order to inspect tank.	
CWS attached.		
Estimated Volume <40bblscy Known Volume (to be entered by the operator at the end of the haul)cy		
SIGNATURE Management Faculty Authorized Agent  TITLE: Landfarm Manager DATE: February 6, 2004		
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615		



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

9652-080

# BILL RICHARDSON Governor Joanna Prukop

Cabinet Secretary

FEB 2004

Lori Wrotenbery
Director
Oil Conservation Division

1. Generator Name and Address  Conocd Phellips  5525 Hwy 64  Famely m. MM 87401  3. Originating Side (name):	2. Destination Name (Name
San Juan 28-7 #46-	Location of the Waste (Street address &/or ULSTR):
H = k	a 11 Tagal Parl
Jinh Bottoms "	40 bb/s Cleaned out for inspection. My 2
Lexact amount not  Patsy Clugston  Print Name  Conoco Phillips	Production tank being  40 bb/s Cleaned out for inspection. My 21  yet known-maybe after  representative for: Lnow.
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 wasteNON-EXEMP	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	ardous waste defined above.
For NON-EXEMPT waste the following documentation is attached (ch  MSDS Information Othe  RCRA Hazardous Waste Analysis  Chain of Custody	eck appropriate items): er (description
This waste is in compliance with Regulated Levels of Naturally Occu NMAC 3.1 subpart 1403.C and D.	ırring Radioactive Material (NORM) pursuant to 20
Name (Original Signature): Tetra Cluster  Vitle: Regulatory Conalypt  Chone Number: 599-3454	
Pate: 2-6-04	
	~

# State of New Mexico Energy Minerals and Natural Resource

Oil Conservation Division
1220 South St. Francis Dr. 8
2004

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 31-6 #217A	
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) "C" Sec 35, T31N, R6W, Rio Arriba County	Project #96052-079	
<ul> <li>9. Circle One: <ul> <li>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.</li> <li>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</li> <li>All transporters must certify the wastes delivered are only those consigned for transport.</li> </ul> </li> <li>BRIEF DESCRIPTION OF MATERIAL:</li> </ul>		
Tank bottoms and fresh wash water from cleaning out produced water tank	in order to inspect tank.	
CWS attached.		
Estimated Volume ~10bblscy Known Volume (to be entered by the operator at the en	nd of the haul)cy	
SIGNATURE Waste Management Facility Authorized Agent  TITLE: Landfarm Man	ager DATE: February 6, 2004	
TYPE OR PRINT NAME: <u>Landrea Jackson</u> TELEPHONE NO: <u>(505)</u> 632-0615		
	24	

APPROVED BY: DATE: 2/09/04

APPROVED BY: Market Market TITLE: Gerlay 8 + DATE: 2-9-4

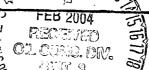
96052-079



# NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON GOVERNOR

1. Generator Name and Address:



OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE 1000 RIO BRAZOS ROAD AZTEC, NEW MEXICO 87410 (506) 334-6178 Fex (505)334-6170

JENNIFER A. SALISBURY CABINET SECRETARY

# CERTIFICATE OF WASTE STATUS

2. Destination Name:

Envirote de Randfaim # 2 1/11/1/5p_ NM 632-06/5
Location of the Waste (Street address &/or ULSTR):
217A Rio Arriba Co.
10 bb/s Production-lanks inspection. Up 2/10/04
representative for:  do hereby certify that, ry Act (RCRA) and Environmental Protection Agency's July, waste is: (Check appropriate classification)
MPT cilfield waste which is non-hazardous by characteristic by product identification
n-exempt non-hazardous waste defined above.
n-exempt non-hazardous waste defined above.  ation is attached (check appropriate items):  Other (description):
ation is attached (check appropriate items):

State of New Mexico
Energy Minerals and Natural Resources 5

Oil Conservation Division 1220 South St. Francis DES

Form C-138 Revised March 17, 1999

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REQUEST FOR ATTROVAL TO ACCEP	T SOUTH WASTE	
I. RCRA Exempt:  ☐ Non-Exempt: ☐	Generator Plaso Field Services	
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: Lateral C-7 Drip Tank	
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) SW/4, Sec 12, T27N, R9W, San Juan County	Project #97057-091	
<ul> <li>9. <u>Circle One</u>:         <ul> <li>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.</li> <li>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</li> </ul> </li> </ul>		
All transporters must certify the wastes delivered are only those consigned for transp	port.	
BRIEF DESCRIPTION OF MATERIAL:		
Produced water and condensate contaminated soil generated at a small corr	rosion leak in the condensate tank.	
CWS Attached		
Estimated Volumecy Known Volume (to be entered by the operator at the en	nd of the haul)cy	
SIGNATURE Waste Management Facility Authorized Agent  TITLE: Landfarm Manager DATE: February 4, 2004		
TYPE OR PRINT NAME: <u>Landrea Jackson</u> TELEPHONE NO: <u>(505)</u> 632-0615		
(This space for State Use)  APPROVED BY: Length TITLE Environ  APPROVED BY: Length TITLE: 9 edit	Fing DATE 2/09/04	

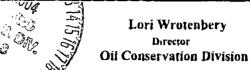


# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT



#### BILL RICHARDSON Governor

Governor
Joanna Prukop
Cabinet Secretary



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)	
Lateral C-7 Drip Tank	SW/4, Sec 12. T27N, R9W, San Juan Co., NM	
attach hat of originating sites as appropriate  4. Source and Description of Waste  Soils contaminated with produced water and conde	nsate from a small corrosion leak in the condensate tank.	
Sour sommumes with broduces water and confer	make from a small corresion leak in the condensate fairs.	
I, <u>David Bays</u> Print Name	representative for:	
El Paso Field Services Co. do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988 regulatory determination, the above described waste is: (Check appropriate classification)		
X EXEMPT Oilfield waste  and that nothing has been added to the exempt of n	NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification on-hazardous waste defined above.	
For NON-EXEMPT waste only, the following doc  MSDS Information  RCRA Hazardous Waste Anal  Chain of Custody	Other (description)	
This Waste is in compliance with Regulated Levels subpart 1403.C and D.	s of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1	
Name (Original Signature):	id Bay	
Title: Princip	pal Environmental Scientist	
Date: Februa	February 4, 2004	
Oil Conservation Division Phone: (505) 334-6178	* 1000 Rio Brazos Road * Aztec, NM87410 * Fax (505) 334-6170 * http://www.emnrd.state.nm.us	

State of New Mexico Energy Minerals and Natural Resources

> Oil Conservation Division 1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-138 Revised March 17, 1999

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	P. 20 P. 19	
1. RCRA Exempt: Non-Exempt:	4. Generator: Conoco Phillips	
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: San Juan 29-6 Unit #218	
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) "L" Sec 5, T29N, R6W, Rio Arriba County	Project #96052-078	
9. Circle One:		
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 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 tran	nsport.	
BRIEF DESCRIPTION OF MATERIAL:		
Tank bottoms and fresh wash water from cleaning out produced water tar	nk in order to repair a leak in the tank.	
CWS attached.		
Estimated Volume 10bblscy Known Volume (to be entered by the operator at the e	end of the haul)cy	
SIGNATURE Jano Na R. OLLS TITLE: Landfarm Ma Waste Management Facility Authorized Agent	nnager DATE: February 4, 2004	
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-061	<u> </u>	
(This space for State Use)		
APPROVED BY: TEMP TEMP TITLE EN	O/Engy DATE: 2/09/64	
AFFROVED DI:	1200 7 3 014	
APPROVED BY: 1 4 4 TITLE: 4 e	0 104181 DATE: 2777	

1. Generator Name and Address

ConocoPhillips Company

Envirotech Inc. Soil Remediation Facility



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

#### BILL RICHARDSON

Governor Joanna Prukop Cabinet Secretary FEB 2004 115165

Lori Wrotenbery
Director
Oil Conservation Division

	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 29-6 Unt #218	unit L, Sec. 5, TZ9N, Rlew
	API# 30-039-24746	2013' FSL & 872' FWL
	attach list of originating sites as appropriate	Rio Arriba County, New Mexico
٠.	4. Source and Description of Waste	·
	10 BBL Tank bottoms i wash th	rom cleaning out produced water
	tank in order to repair a les	all in the tank
,	ΛΛ	
I,	Monica D. Olson	representative for :
	Print Name	· · · · · · · · · · · · · · · · · · ·
	ConocoPhillips Company	do hereby certify that, according to the Resource
Conserv	ation and Recovery Act (RCRA) and Environmental Protection d waste is: (Check appropriate classification)	n 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
nd that	nothing has been added to the exempt or non-exempt nonha:	zardous waste defined above
	nothing has been added to the exempt of non-exempt non-na-	zaruous wasic defined aboye.
or NO	N-EXEMPT waste the following documentation is attached (ch	• • • • • •
		er (description
	RCRA Hazardous Waste Analysis Chain of Custody	
•	- <del></del>	•
	te is in compliance with Regulated Levels of Naturally Occ .1 subpart 1403.C and D.	urring Radioactive Material (NORM) pursuant to 20
MAC 3		urring Radioactive Material (NORM) pursuant to 20
MAC 3	.1 subpart 1403.C and D.	urring Radioactive Material (NORM) pursuant to 20
MAC 3	.1 subpart 1403.C and D. riginal Signature): MMUQ D. (1)	urring Radioactive Material (NORM) pursuant to 20

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

I. RCRA Exempt:   Non-Exempt: □	4. Generator: Conoco Phillips	
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: San Juan 31-6 Unit #204	
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" Sec 3, T30N, R6W, Rio Arriba County	Project #96052-076	
<ul> <li>9. Circle One:</li> <li>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.</li> <li>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</li> <li>All transporters must certify the wastes delivered are only those consigned for transport.</li> </ul>		
BRIEF DESCRIPTION OF MATERIAL:		
Produced water tank bottoms and fresh wash water from cleaning out tank	in order to inspect/repair hole in tank.	
CWS attached.		
Estimated Volumecy Known Volume (to be entered by the operator at the end of the haul)cy		
SIGNATURE Management Facility Authorized Agent  TITLE: Landfarm Manager DATE: February 2, 2004		
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615		
(This space for State Use)  APPROVED BY: Deny Zout TITLE ENVIO	/Evg/ DATE 2/04/04 109/5 ( DATE 2:5-4	



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

2. Destination Name:

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

1. Generator Name and Address

Lori Wrotenbery
Director
Oil Conservation Division

### CERTIFICATE OF WASTE STATUS

	ConocoPhillips Company	Envirotech Inc. Soil Remediation Facility
/ V 70 20	5525 Highway 64	Landfarm #2
	Farmington, NM 87401	Hilltop, New Mexico
•	3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
		Unit N, Sec. 3, T30N, Ryw
		1000' FSL & 1845' FWL
	APT # 30-039-24437	Rio Arriba County, New Mexico
	attach list of originating sites as appropriate  4. Source and Description of Waste	1000 1111 1000 1000 1000 1000 1000 100
	Tank battoms & waste	aning out tank in andors to
	Tank bottoms & wash from the in tan	and the second of the second o
	inspect/repair nou in tain	r, produced water tank.
<u>(</u>		
	Marian > Maria	
I,	Monica D. Olson	representative for :
	Print Name	
	ConocoPhillips Company	do hereby certify that, according to the Resource
Conserva	ation and Recovery Act (RCRA) and Environmental Protection waste is: (Check appropriate classification)	Agency's July, 1988, regulatory determination, the above
./		
EXI	EMPT oilfield wasteNON-EXEMP	r oilfield waste which is non-hazardous by characteristic
	analysis or by	product identification
and that r	nothing has been added to the exempt or non-exempt non -haza	rdous weste defined shows
ind mai i	louring has been added to the exchipt of hon-exchipt hon -haza	ruods waste defined above.
or NON	-EXEMPT waste the following documentation is attached (che	ck appropriate items):
		(description
	RCRA Hazardous Waste Analysis	militari in terminal di manggaran di menggaran di menggaran di menggaran di menggaran di menggaran di menggara
_	Chain of Custody	
	e is in compliance with Regulated Levels of Naturally Occur 1 subpart 1403.C and D.	ring Radioactive Material (NORM) pursuant to 20
	Maria Co Co	
lame (Or	riginal Signature): WWW. U. OLAON	
itle: H	ealth, Safety, Environmental & Repul	atory Technician
ate:	2-2-04	J
		•

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

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

Submit Original Plus 1 Copy to Appropriate District Office

REQUESTION ATTROVAL TO RECEI	TOOLID WINDIE	
1. RCRA Exempt:  ☐ Non-Exempt: ☐	4. Generator: ChevronTexaco	
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: Burroughs B #4A	
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Scat	
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico	
7. Location of Material (Street Address or ULSTR) "P" Sec 2, T27N, R9W, San Juan County	Project #92270-017	
9. Circle One:		
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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 claapproved</li> </ul>	ecessary chemical analysis to PROVE the	
All transporters must certify the wastes delivered are only those consigned for transp	port.	
BRIEF DESCRIPTION OF MATERIAL:		
Paraffin & produced water contaminated media generated during the cleanout of a production tank for inspection.  CWS attached.  Estimated Volume 15bbl cy Known Volume (to be entered by the operator at the end of the haul)cy		
SIGNATURE Waste Management Facility Authorized Agent  TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615	ager DATE: <u>January 29, 2004</u>	
(This space for State Use)  APPROVED BY: Deving TITLE: Fue in	DATE: 2/02/01	



# 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:
Chevron Teraco	Envirotech Inc. Soil Remediation Facility
P.O. BOX 1289	Landfarm #2
Farmington, AM 87499	Hilltop, New Mexico
3. Originating Site (name):	Location of the Waste (Street address & or ULSTR):
Bussoughs B #4A	Scapion 2, 27N, 9W SESE
attach list of originating sites as appropriate	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
PARATION, Produced Water cons	laringled media, generaled
during the clean out of Pada	uden tank for inspection.
Keith Begin Print Name	representative for :
Print Name	
Chevren Texaso	do hamply gartify that aggording to the December
Chevron Texaro  Conservation and Recovery Act (RCRA) and Environmental Protection	on Agency's July, 1988, regulatory determination, the above
lescribed waste is: (Check appropriate classification)	
	APT oilfield waste which is non-hazardous by characteristic r by product identification
and that nothing has been added to the exempt or non-exempt non-h	azardous waste defined above.
For NON-EXEMPT waste the following documentation is attached (  MSDS InformationOt OtRCRA Hazardous Waste Analysis	check appropriate items): ther (description
Chain of Custody	
This waste is in compliance with Regulated Levels of Naturally Oc IMAC 3.1 subpart 1403.C and D.	ccurring Radioactive Material (NORM) pursuant to 20
1/-12	
Name (Original Signature): Kolth Bolom	
Title: HES Professional	
Phone Number: 565-326-2657-Ext.112	<u>-</u>
Date: 1-29-2084	

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

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

1. RCRA Exempt: Non-Exempt:	4. Generator: Caulkins Oil Company
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: Breech F # 8M
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) "O" Sec 34, T27N, R6W, Rio Arriba County	Project #04012-001
9. Circle One:	
<ul><li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li><li>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 claapproved</li></ul>	ecessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transporters	port.
BRIEF DESCRIPTION OF MATERIAL:	
Emulsion and production contaminated water from separator wash out. Macoal fines, paraffin, rust, etc.  CWS attached.	FEB 2004 PECEIVED OIL COMS. DIV. DIST. 3
Estimated Volumecy Known Volume (to be entered by the operator at the entered by the ente	nd of the haul)cy
SIGNATURE Handle Landfarm Man Waste Management Facility Authorized Agent  TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615	
(This space for State Use)  APPROVED BY: Jeynt Conf. TITLE: Enviro)	Engy DATE 2/04/04



# 04012-601 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

I. Generator Name and Address  Caulkins Oil Company 1409 W. Aztec Blvd. Suite B7 Aztec, NM 87410	Destination Name:     Envirotech Inc. Soil Remediation Facility     Landfarm #2     Hilltop, New Mexico			
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):			
Breech "F" 8-M	Unit Letter O Section 34-T27N-R6W			
attach list of originating sites as appropriate				
4. Source and Description of Waste	inated water from senarator			
wash out. Material is fresh	inated water from separator water contaminated with			
Coal fines, Paraffin, rust,	C+C.			
1, Sandra Rogers 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-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	azardous 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) pursuant to 20 NMAC 3.1 subpart 1403.C and D.				
Name (Original Signature): Sandra M. Rogers  Title: Secretary For Bobby Verguer Superintendent				
Title: Secretary for Bobby Verguer Super	intendent			
Phone Number: 505-334-4323 330-1601Bb	pby			
Date: January 28, 2004				

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

• <u>District I</u>• 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> District III 1000 Rio Brazos Road, Aztec, NM 87410 1220 S. St. Francis Dr., Santa Fe, NM 87505

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 ACCE	PT SOLID WASTE
RCRA Exempt:      Non-Exempt:      □	4. Generator: Elm Ridge Resources
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: Ignacio Gas 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: Colorado to New Mexico
7. Location of Material (Street Address or ULSTR) CR 310 #11117, San Juan County, Colorado	Project #03056-004
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 material is not-hazardous and the Generator's certification of origin. No waste clapproved  All transporters must certify the wester delivered are only these consistent for transporters.	necessary 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 trans	рогт.
BRIEF DESCRIPTION OF MATERIAL:	
Soil stained by pig receiver process water. Process water is produced water pushed out during line pigging.	r that came out of well bores and was
CWS and Notification to CDPHE attached.	the haul)
Estimated Volume 20cy Known Volume (to be entered by the operator at the end of	the haul)Cy
$\mathcal{L}_{\mathbf{A}}$ ( ) ( ) (a)	nager DATE: January 28, 2004
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615	
(This space for State Use)  APPROVED BY LEWY FULLY TIFLE FULLY	//Eic/ DATE: 2/04/14/

1. Generator Name and Address



# 03056-004 NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

2. Destination Name:

BILL RICHARDSON

Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

Elm Ridge Resources, Inc. PO Box 189	Envirotech Inc. Soil Remediation Facility Landfarm #2
Farmington, NM 87499	Hilltop, New Mexico
3. Originating Site (name):  Tanacio fas Plant  CR 310 #11117  San Juan County, Co  attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR):
4. Source and Description of Waste	
Stained dirt from pig receiver	process water-produced water that s.
and the second second	<b>J</b>
I, <u>Mack Humphrey</u> Print Name	representative for: Elm Ridge Resources, Ir
Elm Ridge Resources, Inc.  Conservation and Recovery Act (RCRA) and Environment described waste is: (Check appropriate classification)	do hereby certify that, according to the Resource al Protection Agency's July, 1988, regulatory determination, the above
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	mpt non -hazardous waste defined above.
For NON-EXEMPT waste the following documentation is  MSDS Information RCRA Hazardous Waste Analysis Chain of Custody	s attached (check appropriate items):Other (description
This waste is in compliance with Regulated Levels of Na NMAC 3.1 subpart 1403.C and D.	aturally Occurring Radioactive Material (NORM) pursuant to 20
Name (Original Signature):	nghing
Title:Construction Foreman	
Phone Number: 505-632-3476	·
<b>Date:</b> 1-28-04	

Project No. 03056-004

Colorado Department of Public Health and Environment

A'ttn: Donna Stoner

222 South 6<sup>th</sup> Street, Room 232 Grand Junction, Colorado 81501

Phone (970) 248-7168 Fax (970) 248-7198

RE: DISPOSAL OF CONTAMINATED DIRT FROM PIG RECEIVER PROCESS WATER AT THE IGNACIO GAS PLANT

Dear Ms. Stoner:

Elm Ridge Resources will be transferring pig receiver process water contaminated soil from the Ignacio Gas Plant located at #11117 CR 310, San Juan County, Colorado, to the Envirotech Inc. Soil Remediation Facility, Landfarm #2, located near Hilltop, New Mexico.

This is exempt waste and meets approval requirements for the Envirotech facility. We are providing courtesy notification for the transfer of the material.

Should you have any questions or require any additional information, please do not hesitate to contact Ms. Landrea Jackson with Envirotech Inc. at (505) 632-0615.

Sincerely,

**ELM RIDGE RESOURCES** 

Mack Humphrey

Construction Foreman

CC: Landrea Jackson, Envirotech Inc.

### 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 ACCEP	T SOLID WASTE		
1. RCRA Exempt: Non-Exempt:	4. Generator: Conoco Phillips		
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: Argenta Ute #2 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: Colorado to New Mexico		
7. Location of Material (Street Address or ULSTR) "J" Sec 31, T34N, R10W, La Plata County, CO	Project #96052-075		
9. Circle One:			
<ul><li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li><li>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</li></ul>	ecessary chemical analysis to PROVE the		
All transporters must certify the wastes delivered are only those consigned for transp	ort.		
BRIEF DESCRIPTION OF MATERIAL:			
Wash water and tank bottoms (coal fines & sludge) from cleaning out 1 of with sludge and need to be cleaned for proper operation.	of 10 tanks at SWD. Tanks are building up		
CWS and notification to CDPHE attached.			
Estimated Volume 100bbl cy Known Volume (to be entered by the operator at the	e end of the haul)cy		
SIGNATURE Jundel Route Management Facility Authorized Agent  TITLE: Landfarm Management	ager DATE: January 28, 2004		
TYPE OR PRINT NAME: <u>Landrea Jackson</u> TELEPHONE NO: <u>(505)</u> 632-0615			
(This space for State Use)			
APPROVED BY: APPROVED BY: TITLE: Gegi	DATE: 2/02/04  Log/S C DATE: 2-2-4		
	The court was the second of the court of the		

1. Generator Name and Address

CONOCOPHILLIPS

2. Destination Name:

PAGE 03

96052-075



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretory

Lari Wrotenbery
Director
Oil Conservation Division

ρo

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):
Argentalle# 2 SWD AP	1571' FSL & 1418' FEL La Plata County
· · ·	NWSE, Sec. 31, 73410, 161000
attach list of originating sites as appropriate	1571 FSC & 1418 FEL La Plata County
4. Source and Description of waste	
	L bottoms ( coal fines & studge)
from cleaning out one of tex	n tanks at SWD. Tanks
from cleaning out one of ter are building up we sluggl is	need to be cleaned for proper
ΛΛ -	- Cybe and
Monica D. Olson	representative for :
Print Name	
ConocoPhillips Company	do haraby cortification and the same
Conservation and Recovery Act (RCRA) and Environmental Protection a 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-EXEMPT	Coilfield 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 -haza	rdous waste defined above.
or NON-EXEMPT waste the following documentation is attached (che	
MSDS InformationOther RCRA Hazardous Waste Analysis	(description
Chain of Custody	
his waste is in compliance with Regulated Levels of Naturally Occur MAC 3.1 subpart 1403.C and D.	ring Radioactive Material (NORM) pursuant to 20
Morida D Dran	
ame (Original Signature): JV() I (19 L). UDON	
11e: HSE & Regulatory Technician	
ite: January 28, 2004	
) , —	



San Juan Operations 5525 Hwy 64 Farmington, NM 87401

# FAX

Date:

January 28, 2004

No. of pages including cover sheet: 2

To:

Donna Stoner

Company:

**CDPHE** 

Location:

Grand Junction, CO

Phone:

970-248-7168

Fax:

970-248-7198

From:

Monica D. Olson

Department: San Juan HSE

Phone:

505-599-3458

Fax:

505-599-3442

Remarks:

□ Urgent

X For your review

☐ Reply ASAP

☐ Please Comment

Ms. Stoner,

This is to inform you that we will be hauling tank bottoms from our Argenta Ute #2 SWD located in La Plata County, CO to Envirotech Landfarm near Farmington, NM. We will be hauling 100 BBL of tank bottoms and wash from 1 of the 10 tanks located at the facility, and will be cleaning out the rest of the tanks over the next few months. We are needing to clean out these tanks in order to continue our operations properly. The tank contains 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

State of New Mexico Energy Minerals and Natural Resources, Oil Conservation Division 1220 South St. Francis Dr.

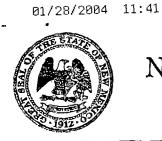
Form C-138 Revised March 17, 1999

Submit Original Plus 1 Copy to Appropriate District Office

Santa Fe, NM 87505

REQUEST FOR APPROVAL TO ACCEPT	T SOLID WASTE		
1. RCRA Exempt: Non-Exempt:	47, Generator: Conoco Phillips		
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: San Juan 29-6 Unit #92		
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) "M" Sec 12, T29N, R6W, Rio Arriba County	Project #96052-074		
9. Circle One:			
<ul> <li>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.</li> <li>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</li> </ul>			
All transporters must certify the wastes delivered are only those consigned for transporters	oort.		
BRIEF DESCRIPTION OF MATERIAL:			
Soil stained with condensate from 90bbl condensate spill within bermed ar	ea.		
CWS attached.			
Estimated Volumecy Known Volume (to be entered by the operator at the	e end of the haul)cy		
SIGNATURE Andrea R. Authorized Agent  TITLE: Landfarm Man Waste Management Fadility Authorized Agent	ager DATE: January 28, 2004		
TYPE OR PRINT NAME: <u>Landrea Jackson</u> TELEPHONE NO: <u>(505)</u> 632-0615			
(This space for State Use)  APPROVED BY: Derry Court TITLE: En unit	0/ Engl DATE: 2/02/04		
APPROVED BY: A Hope TITLE: gred	logist DATE 2-2-4		

96052-074



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

CONOCOPHILLIPS

#### **BILL RICHARDSON**

Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

	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 29-6 Unit #92	Unit M, Sec. 12, TZIN, RUW
	ADT # 30-039-07646	1190' FSL & 1040' FWL
	API # 30-031-07646 attach list of originating sites as appropriate	Cio Arriba County, NM
	4. Source and Description of Waste	from 90 BBL condensate spill win berned
		THE TO ODE GOLDENISCHE 2 PHIL MYN DENVIO
	area	
	· ·	
•	Monica D. Olson	
	Print Name	representative for :
	ConocoPhil/lips Company	do hereby certify that, according to the Resource
nserv	vation and Recovery Act (RCRA) and Environmental Prot	ection Agency's July, 1988, regulatory determination, the above
crib	ed waste is: (Check appropriate classification)	
E)	KEMPT oilfield wasteNON-E3	KEMPT oilfield waste which is non-hazardous by characteristic
	analys	is or by product identification
I tha	t nothing has been added to the exempt or non-exempt no	1 -hazardous waste defined above
i iiia	I nothing has been added to the exempt of non enempt its	. Made down waste defined above.
NO	N-EXEMPT waste the following documentation is attach	ed (check appropriate items):
	MSDS Information	_Other (description
	RCRA Hazardous Waste Analysis Chain of Custody	
	Chain of Custody	
5 W 8	este is in compliance with Regulated Levels of Naturally	Occurring Radioactive Material (NORM) pursuant to 20
AC	3.1 subpart 1403.C and D.	
ne (	Original Signature): MMCQ D. OAC	n
e:_	HSE & Rogulatory Technici	
::	January 28, 2004	_

APPROVED BY:

### State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Revised March 17, 1999

Submit Original

Submit Original Plus 1 Copy to Appropriate District Office

Form C-138

REQUEST FOR THI TRO VILE TO TRECE!	I SOLID WASTE		
RCRA Exempt: □ Non-Exempt: □	4. Generator: Public Service Company of NM		
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: San Juan Interconnect Compressor Station		
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA		
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico		
7. Location of Material (Street Address or ULSTR) "M" Sec 12, T28N, R11W, San Juan County	Project #03024-008		
9. Circle One:			
A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.  B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved			
All transporters must certify the wastes delivered are only those consigned for transp	oort.		
BRIEF DESCRIPTION OF MATERIAL:			
New lubricating oil contaminated soil generated when sight glass on an ab	ove ground storage tank was shot out		
New Indirecting on contaminated son generated when sight glass on an ab	ove-ground storage tank was snot out.		
CWS & MSDS attached.			
Estimated Volumecy Known Volume (to be entered by the operator at the end of the haul)cy			
SIGNATURE Waste Management Facility Authorized Agent  TITLE: Landfarm Man	ager DATE: January 28, 2004		
TYPE OR PRINT NAME: <u>Landrea Jackson</u> TELEPHONE NO: <u>(505)</u> 632-0615	·		
(This space for State Use)			
APPROVED BY: Deny tuny TITLE: En 12	D/Engr DATE: 2/02/04		

1-28-04; 8:44AM; ENVIROTEC

1. Generator Name and Address

Alvarado Square, MS 2104

Albuquerque NM 87158

Public Service Company of New Mexico

;5056321865

Envirotech Inc. Soil Remediation Facility



# 03024-008 NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

2. Destination Name:

Landfarm #2

Hilltop, New Mexico

**BILL RICHARDSON** 

Governor Joanna Prukop Cabinet Secretary

Lori Wrotenbery Director Oil Conservation Division

		7	
	3. Originating Site (name):	Location of the Waste (Str	eet address &/or ULSTR):
	San Juan Interconnect	und Letter M, Sec	chimila, TZBN, RIIW
	Compressor Station	Sun Juan Laur	<b>4,019</b>
		1890 County R	25ad 4980
ļ	attach list of originating sites as appropriate	South of Bloom	field, uy
· . }	4. Source and Description of Waste		
{	New lubricating oil con	taminated Soil genera rund Storage tank bro	atad luban sidet
1	glass DN AN above- an	Plus 500000 to be	area water sixiq
	J.255 010 1/14 2000 16. 91	Tank brage Tank bra	oke.
l			
$\mathcal{T}$	Papier I Dal - an	,	
[, <u></u>	OBIN K. Delapp	representative	for:
_	Print Name		
ו.ו.ס	1 - San 1 - C - 1 - A	Alara Alara	
rubl	ic Service Company of	New Mexico do hereby certif	fy that, according to the Resource
Conserv	ration and Recovery Act (RCRA) and Environ	mental Protection Agency's July, 1988, regu	latory determination, the above
	d waste is: (Check appropriate classification)		
		Contraction of the Contraction o	
EX	EMPT oilfield waste	NON-EXEMPT oilfield waste which is	non-hazardous by characteristic
	-n	analysis or by product identification -	Hew lubricating ni
			of L
and that	nothing has been added to the exempt or nor	i-exempt non -hazardous waste defined above	ve.
For NO	N-EXEMPT waste the following documentat	ion is attached (check appropriate items):	-
	X MSDS. Information	Other (description	
	RCRA Hazardous Waste Analysis		•
	Chain of Custody		
•	ondin of Subiosy		
1011	of the second second second to a second	of Naturally Occupaing Padiocative Mate	wiel MODAM
	ste is in compliance with Regulated Levels	of Naturally Occurring Radioactive Mate	rial (NORM) pursuant to 20
NIVIAC	3.1 subpart 1403.C and D.		
	アルンノ	\a-f: -	•
Name (	Original Signature): KobuK. k	X Japp	<del>-</del> .
		Si I	
Title:	Senior Environmental	<u> Cientist</u>	
	4 - 5	• •	•
Phone I	Vumber: (505) 241-2016		
	. T		
Date:_	1/28/04		
	Oil Composition Divin	ion * 1000 Die Brages Dond * Amtes Name	Moving 97410
		ion * 1000 Rio Brazos Road * Aztec, New 1	
	rnone: (505) 334-01/8	3 * Fax (505) 334-6170 * <a href="http://www.emn">http://www.emn</a>	iu.siaie.nm.us

T-359 P.002 +5053257365 F-149 Jan-28-2004 02:51pm From-PNM RESOURC.

#### 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:

Lubricants and Specialties: 800-662-4525 800-443-9966

Fuels Products: 800-947-9147

MSDS Fax on Demand: 613-228-1467

MSDS Internet Website: http://emmsds.ihssolutions.com/

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

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

u = = = = = = = =

Substance Name Approx. Wt%

CALCIUM PHENATE, SULFURIZED, 1-5

HIGH OVERBASED

SULFONIC ACIDS, PETROLEUM,

CALCIUM SALTS (SYNTHETIC)

(61789-86-4)

OTHER INGREDIENTS:

Substance Name

Approx. Wt% . . . . . . . . . . .

POLY BUTENYL SUCCINIMIDE 1-5

See Section 8 for exposure limits (if applicable).

#### 3. HAZARDS IDENTIFICATION

Under normal conditions of use, this product is not considered hazardous according to regulatory guidelines (See section 15). EMERGENCY OVERVIEW: Amber Liquid. DOT ERG No. : NA POTENTIAL HEALTH EFFECTS: Under normal conditions of intended use, this product does not pose a risk to health. Excessive exposure

may result in eye, skin or respiratory irritation. For further health effects/toxicological data, see Section 11.

#### 4. FIRST AID MEASURES

EYE CONTACT: Flush thoroughly with water. If irritation occurs, call a physician.

SKIN CONTACT: Wash contact areas with soap and water. Remove and clean oil soaked clothing daily and wash affected area. (See

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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.

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% NFPA HAZARD ID: Health: 0, Flammability: 1, Reactivity: 0

#### 6. ACCIDENTAL RELEASE MEASURES

NOTIFICATION PROCEDURES: Report spills/releases as required to appropriate authorities. U.S. Coast Guard and EPA regulations require immediate reporting of spills/releases that could reach any waterway including intermittent dry creeks. Report spill/release to Coast Guard National Response Center toll free number (800)424-8802. In case of accident or road spill notify CHEMTREC (800) 424-9300.

PROCEDURES IF MATERIAL IS RELEASED OR SPILLED:

LAND SPILL: Shut off source taking normal safety precautions. Take measures to minimize the effects on ground water. Recover by pumping or contain spilled material with sand or other suitable absorbent and remove mechanically into containers. If necessary, dispose of adsorbed residues as directed in Section 13. WATER SPILL: Confine the spill immediately with booms. Warn other ships in the vicinity. Notify port and other relevant authorities. Remove from the surface by skimming or with suitable absorbents. If permitted by regulatory authorities the use of suitable dispersants should be considered where recommended in local oil spill procedures.

ENVIRONMENTAL PRECAUTIONS: Prevent material from entering sewers, water sources or low lying areas; advise the relevant authorities if it has, or if it contaminates soil/vegetation.

\_\_\_\_\_\_

PERSONAL PRECAUTIONS: See Section 8

#### 7. HANDLING AND STORAGE

HANDLING: No special precautions are necessary beyond normal good hygiene practices. See Section 8 for additional personal protection advice when handling this product.

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storage: Keep containers closed when not in use. Do not store in open or unlabelled containers. Store away from strong oxidizing agents and combustible materials. Do not store near heat, sparks, flame or strong oxidants.

SPECIAL PRECAUTIONS: Prevent small spills and leakages to avoid slip hazard.

EMPTY CONTAINER WARNING: Empty containers retain residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Do not attempt to refill or clean container since residue is difficult to remove. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS:

when mists/aerosols can occur, the following are recommended: 5 mg/m3 (as oil mist) - ACGIH Threshold Limit Value (TLV), 10 mg/m3 (as oil mist) - ACGIH Short Term Exposure Limit (STEL), 5 mg/m3 (as oil mist) - OSHA Permissible Exposure Limit (PEL)

VENTILATION: If mists are generated, use adequate ventilation, local exhaust or enclosures to control below exposure limits.

RESPIRATORY PROTECTION: If mists are generated, and/or when ventilation is not adequate, wear approved respirator.

EYE PROTECTION: If eye contact is likely, eafety 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 COEFFICIENT: > 3.5

VISCOSITY AT 40 C, cSt: 121.0

VISCOSITY AT 100 C, eSt: 13.2

POUR POINT C(f): < -15(5)

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FREEZING POINT C(f): NE

VOLATILE ORGANIC COMPOUND: NE

DMSO EXTRACT, IP-346 (WT.%): <3, for mineral oil only NA=NOT APPLICABLE NE=NOT ESTABLISHED D=DECOMPOSES

FOR FURTHER TECHNICAL INFORMATION, CONTACT YOUR MARKETING REPRESENTATIVE

\_\_\_\_\_\_

10. STABILITY AND REACTIVITY

STABILITY (THERMAL, LIGHT, ETC.): Stable.
CONDITIONS TO AVOID: Extreme heat and high energy sources of ignition.
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Product does not decompose at ambient temperatures.

HAZARDOUS POLYMERIZATION: Will not occur.

#### 11. TOXICOLOGICAL DATA

#### ---ACUTE TOXICOLOGY---

- ORAL TOXICITY (RATS): Practically non-toxic (LD50: greater than 2000 mg/kg), ---Based on testing of similar products and/or the components.
- DERMAL TOXICITY (RABBITS): Practically non-toxic (LD50: greater than 2000 mg/kg). ---Based on testing of similar products and/or the components.
- INHALATION TOXICITY (RATS): Practically non-toxic (LC50: greater than 5 mg/l). ---Based on testing of similar products and/or the components.
- EYE IRRITATION (RABBITS): Practically non-irritating. (Draize score: greater than 6 but 15 or less). ---Based on testing of similar products and/or the components.
- SKIN IRRITATION (RABBITS): Practically non-irritating. (Primary Irritation Index: greater than 0.5 but less than 3). ---Based on testing of similar products and/or the components.
- OTHER ACUTE TOXICITY DATA: Although an acute inhalation study was not performed with this product, a variety of mineral and synthetic oils, such as those in this product, have been tested. These samples had virtually no effect other than a nonspecific inflammatory response in the lung to the aerosolized mineral oil. The presence of additives in other tested formulations (in approximately the same amounts as in the present formulation) did not alter the observed effects.
  - --- SUBCHRONIC TOXICOLOGY (SUMMARY) ---
- No significant adverse effects were found in studies using repeated dermal applications of similar formulations to the skin of laboratory animals for 13 weeks at doses significantly higher than those expected during normal industrial exposure. The animals were evaluated extensively for effects of exposure (hematology, serum chemistry, urinalysis, organ weights, microscopic examination of tissues etc.).
  - ---REPRODUCTIVE TOXICOLOGY (SUMMARY) ---
- No teratogenic effects would be expected from dermal exposure, based on laboratory developmental toxicity studies of major components in this formulation and/or materials of similar composition.

  ---CHRONIC TOXICOLOGY (SUMMARY)---
- Repeated and/or prolonged exposure may cause irritation to the skin, eyes or respiratory tract. Overexposure to oil mist may result in oil droplet deposition and/or granuloma formation. For mineral base oils: Base oils in this product are severely solvent refined and/or severely hydrotreated. Chronic mouse skin painting studies of severely treated oils showed no evidence of

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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

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US OSHA HAZARD COMMUNICATION STANDARD: When used for its intended
     purposes, this product is not classified as hazardous in
     accordance with OSHA 29 CFR 1910.1200.
```

EU Labeling: Product is not dangerous as defined by the European Union Dangerous Substances/Preparations Directives. EU labeling not required.

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

U.S. Superfund Amendments and Reauthorization Act (SARA) Title III: This product contains no "EXTREMELY HAZARDOUS SUBSTANCES". SARA (311/312) REPORTABLE HAZARD CATEGORIES: None.

This product contains no chemicals subject to the supplier notification requirements of SARA (313) toxic release program.

The following product ingredients are cited on the lists below: CAS NUMBER LIST CITATIONS CHEMICAL NAME

---------<del>-</del>----ZINC (ELEMENTAL ANALYSIS) (0.03%) 7440-66-6 22

22 PHOSPHORODITHOIC ACID, 0,0-DI 68649-42-3

C1-14-ALKYL ESTERS, ZINC SALTS (2:

1) (ZDDP) (0.26%)

#### --- REGULATORY LISTS SEARCHED ---

11=TSCA 4 16=CA P65 CARC 21=LA RTK 1=ACGIH ALL 6=IARC 1 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 23≌MN 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

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: 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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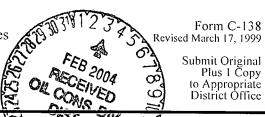
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APPROVED BY:

State of New Mexico Energy Minerals and Natural Resources

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



REQUEST FOR APPROVAL TO ACCE	PT SOLID WASTE
1. RCRA Exempt: ☐ Non-Exempt: ☐	4. Generator: Patina San Juan, Inc.
Verbal Approval Received: Yes ☐ No ⊠	5. Originating Site: Jicarilla C #1
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) "P" Sec 11, T26N, R4W, Rio Arriba County	Project #04010-001
9. Circle One:	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied be one certificate per job.</li> <li>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 clapproved</li> </ul>	necessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for trans	sport.
BRIEF DESCRIPTION OF MATERIAL:	
Emulsion and production contaminated water from separator wash out. M coal fines, paraffin, rust, etc.	laterial is fresh water contaminated with
CWS attached.	
Estimated Volumecy Known Volume (to be entered by the operator at the e	end of the haul)cy
SIGNATURE Jandre Roulest TITLE: Landfarm Mar	nager DATE: January 27, 2004
TYPE OR PRINT NAME: <u>Landrea Jackson</u> TELEPHONE NO: <u>(505)</u> 632-0615	<u>5</u>
(This space for State Use).  APPROVED BY DEMY CENT TITLE: Encorro	1505 DATE 2/04/04



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

#### **BILL RICHARDSON**

Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

	Generator Name and Address		2. Destination Name:		
	Patina San Juan, Inc.		Envirotech Inc. Soil Remediation Facility		
	5802 US Hwy 64		Landfarm #2		
	Farmington, New Mexico 874	01	Hilltop, New Mexico		
	3. Originating Site (name):	Lo	cation of the Waste (Street address &/or ULSTR):		
	Jicarilla C #1	"P	"Sec 11, T26N, R4W, Rio Arriba County		
	attach list of originating sites as appropriate				
	4. Source and Description of Waste				
			eparator wash out. Material is fresh water		
	contaminated with coal fines, paraffin, r	rust, etc.			
	Rodney L. Seale		wannesantative for .		
1,	Print Name		representative for :		
	Time Name				
	Patina San Juan, Inc.	•	do hereby certify that, according to the Resource		
		ental Protection	Agency's July,1988, regulatory determination, the above		
describe	ed waste is: (Check appropriate classification)				
v	EVEMBE alicald wests	NON EVE	MDT cilfield wests which is non-harandous by show stavistic		
X EXEMPT oilfield waste — NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification					
		analysis or by	South Identification		
and that	t nothing has been added to the exempt or non-ex	:empt non –haza	ardous waste defined above.		
Ean NO	N-EXEMPT waste the following documentation	is attached (ch	ack appropriate items):		
FOF NO	MSDS Information		er (description		
	RCRA Hazardous Waste Analysis		a (description		
	Chain of Custody				
	aste is in compliance with Regulated Levels of 1 3.1 subpart 1403.C and D.	Naturally Occu	arring Radioactive Material (NORM) pursuant to 20		
	Dh. 91	10	2.2-01		
Name (	Original Signature): Robwy Z. Le		22-04		
Title:_	District Manager				
Phone :	Number: (505) 632-8056	<b></b>			
Date:_	01/27/04				

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

DATE: 2 -1

Submit Original Plus 1 Copy to Appropriate District Office

1. RCRA 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, Sec 20, T16N, R20W, San Juan County	Project #92102-012		
9. Circle One:	,		
<ul> <li>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.</li> <li>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</li> </ul>			
All transporters must certify the wastes delivered are only those consigned for transp	oort.		
BRIEF DESCRIPTION OF MATERIAL:			
Spent Sulfatreat material. Gray gravel-like material containing iron pyrite.	15 C. T. C. 29 30 37		
CWS attached.			
Estimated Volume 7 cy Known Volume (to be entered by the operator at the end of	f the haul)cy		
SIGNATURE Jandy a RANGE AUGS TITLE: Landfarm Mana Waste Management Facility Authorized Agent	ager DATE: January 27, 2004		
TYPE OR PRINT NAME: <u>Landrea Jackson</u> TELEPHONE NO: <u>(505)</u> 632-0615			
(This space for State Use)			



# 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:	
	Robert L. Bayless Producer LLC	· · · · · · · · · · · · · · · · · · ·	
	PO Box 168	Envirotech Inc. Soil Remediation Facility	
	Farmington, NM 87401	Landfarm #2	
	i manington, 14141 07 101	Hilltop, New Mexico	
	3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):	
	Tocito Dome Tank Battery: NE/4, Section 20, T16N, R20W, San Juan County, NM		
	attach list of originating sites as appropriate		
	4. Source and Description of Waste		
	7 CY spent Sulfatreat material. Gray gravel-like material of	outaining iron pyrite.	
I,Ton	n McCarthy	representative for :	
	Print Name		
Robe and Env classific	vironmental Protection Agency's July,1988, regulatory determ	ording to the Resource Conservation and Recovery Act (RCRA) mination, the above described waste is: (Check appropriate	
_XX_E		EMPT oilfield waste which is non-hazardous by characteristic 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 MSDS Information RCRA Hazardous Waste Analysis Chain of Custody	(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): Town M WW		
Title:	Engineer		
Phone l	Number:(505) 326-2659		
Date:	1/27/2004		

Oil Conservation Division \* 1000 Rio Brazos Road \* Aztec, New Mexico 87410

### State of New Mexico Energy Minerals and Natural Resources

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

Revised March 17, 1999

Submit Original Plus 1 Copy to Appropriate District Office

Form C-138

1. RCRA Exempt: Non-Exempt:	4. Generator: Conoco Phillips		
Verbal Approval Received: Yes 🗌 No 🖂	5. Originating Site: San Juan 28-7 Unit #35A		
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) "C" Sec 1, T27N, R7W, Rio Arriba County	Project #96052-077		
9. Circle One:			
<ul> <li>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.</li> <li>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</li> </ul>			
All transporters must certify the wastes delivered are only those consigned for transporters	port.		
BRIEF DESCRIPTION OF MATERIAL:  Production pit tank bottoms and fresh wash water being removed in order to CWS attached.  Estimated Volumecy Known Volume (to be entered by the operator at the end or	STORY SINGLES		
SIGNATURE And Land Report Waste Management Facility Authorized Agent TITLE: Landfarm Man	ager DATE: January 22, 2004		
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615	·		
APPROVED BY: APPROVED BY: APPROVED BY: APPROVED BY: TITLE: 4-0/09	Engl DATE: 2/04/04 764 DATE: 2-5-4		

Generator Name and Address



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

2. Destination Name:

#### **BILL RICHARDSON**

Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

#### CERTIFICATE OF WASTE STATUS

ConocoPhillips Company	Envirotech Inc. Soil Remediation Facility
5525 Highway 64	Landfarm #2
Farmington, NM 87401	Hilltop, New Mexico
	<u> </u>
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
San Juan "28-7 Unit #35A	Unit C, Sec. 1, TZ7N, R7W
API # 30-039-23984	1130 FNL & 1450 FWL
attach list of originating sites as appropriate	lio Arriba County, New Mexico
4. Source and Description of Waste	
Tank bottoms & wash being C	emoved in order to replace tank
Tank bottoms & wash being of production pit tank	The production of the producti
production of the care	
I. Monica D. Olson	
Print Name	representative for :
Time ivanic	the control of the co
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-EXEMI	PT oilfield waste which is non-hazardous by characteristic
analysis or b	by product identification
and that nothing has been added to the exempt or non-exempt non -haz	zardous waste defined above.
D. MONTHE AND CH. C. I.	
For NON-EXEMPT waste the following documentation is attached (ch. MSDS Information Other	
RCRA Hazardous Waste Analysis	iri (andisi shuan i shi shi shi shi shi shi shi shi shi s
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.	
Marian (1) Marian	
Name (Original Signature): NMM U. (WAY)	and the second s
ritle: HSE & Regulatory Technician	599-3458
Title: HSE & lightary remnician	<u> </u>
Date: 1/22/04	•

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 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: San Juan 28-7 Unit #35A			
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) "C" Sec 1, T27N, R7W, Rio Arriba County	Project #96052-077			
9. <u>Circle One</u> :				
<ul> <li>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.</li> <li>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</li> </ul>				
All transporters must certify the wastes delivered are only those consigned for transporters	port.			
BRIEF DESCRIPTION OF MATERIAL:	3031112			
Production pit tank bottoms and fresh wash water being removed in order to replace tank				
Estimated Volumecy Known Volume (to be entered by the operator at the end o	f the haul)			
SIGNATURE Management Facility Authorized Agent  TITLE: Landfarm Manager DATE: January 22, 2004				
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615				
(This space for State Use)	And the second state of the second			
APPROVED BY: Deing Fourt TITLE: Enviro	/ Engr DATE: 2/04/04			
APPROVED BY: Herry Frent, TITLE: Envivo	915 ( ) DATE: 2-5-4			
•				





# 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):
	San Juan 28-7 Unit #35A	Unit C, Sec. 1, TZ7N, R7W
	API # 30-039-23984	1130 FNL & 1450 FWL
	attach list of originating sites as appropriate	lio Arviba County, New Maxico
	4. Source and Description of Waste	
	Tank bottoms & wash being (  production pit tank	emoved in order to replace tank
	production pit tank	7,50,00
	Monica D. Olson	representative for:
<b>`</b>	Print Name	
	ConocoPhillips Company	<ul> <li>A supplied to the supplied of the</li></ul>
	· ·	do hereby certify that, according to the Resource
onserv escribe	ration and Recovery Act (RCRA) and Environmental Protection d waste is: (Check appropriate classification)	Agency's July, 1988, regulatory determination, the above
		·
<u>/</u> ex	EMPT oilfield wasteNON-EXEMI	PT oilfield waste which is non-hazardous by characteristic
	analysis or b	by product identification
d that	nothing has been added to the exempt or non-exempt non -haz	vardous waste defined above
iu mai	nothing has been added to the exempt of non-exempt non-	artious waste defined above.
or <b>NO</b> I	N-EXEMPT waste the following documentation is attached (ch	eck appropriate items):
	MSDS Information Other	
	RCRA Hazardous Waste Analysis	
	Chain of Custody	•
	The state of the s	
iis was	te is in compliance with Regulated Levels of Naturally Occi 8.1 subpart 1403.C and D.	arring Radioactive Material (NORM) pursuant to 20
VIAC	1.1 Support 1403.C and D.	
ıme (O	riginal Signature): MMUQ (D. Obon	
tle:	HSE & legulatory Technician	599-3458
	MA 1/12/21	
ite:	11.00	

District I
1625 N. French Dr., Hobbs, NM 88240
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1301 W. Grand Avenue, Artesia, NM 88210
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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 Revised March 17, 1999

Submit Original

Submit Original Plus 1 Copy to Appropriate District Office

Form C-138

## REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt:  ☐ Non-Exempt: ☐	4. Generator: XTO		
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: Masden Gas Com #1E		
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) "D" Sec 28, T29N, R11W, San Juan County	Project #98031-008		
<ul> <li>9. <u>Circle One</u>:</li> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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</li> <li>All transporters must certify the wastes delivered are only those consigned for transporters.</li> </ul>	ecessary chemical analysis to PROVE the assified hazardous by listing or testing will be		
BRIEF DESCRIPTION OF MATERIAL:	71/2012		
Bottoms from blow down tank used to vent the well. Material has been down tank used to vent the well. Material has been down CWS attached.	wnhole.		
Estimated Volumecy Known Volume (to be entered by the operator at the	end of the haul). I St. 7/cy		
SIGNATURE JANGUEL AUCSO TITLE: Landfarm Management Facility Authorized Agent	ager DATE: January 22, 2004		
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615			

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(This	space for St	ate Use)								
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98031-008



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

## CERTIFICATE OF WASTE STATUS

	1. Generator Name and Address	2. Destination Name:		
	XTO Energy Inc	Envirotech Inc. Soil Remediation Facility		
	2700 Farmington Ave., Bldg K, Stel	Landfarm #2 Hilltop, New Mexico		
	Farmington Nm 87401	Hintop, New Mexico		
	3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):		
	Masden Gas Com #1E	Unit D, Sec 28, TOON, RIIW		
	attach list of originating sites as appropriate			
	4 Command Description of Wests			
	Waste is bottoms from bloc	a down tank used to		
	vent du well.			
	DAMAN STEEL	representative for :		
ı, <u>4</u>	Print Name	i spressivant of the		
. ~				
<u> X</u>	TO ENERGY INC vation and Recovery Act (RCRA) and Environmental Protection	do hereby certify that, according to the Resource		
Consor	vation and Recovery Act (RCRA) and Environmental Protection waste is: (Check appropriate classification)	in Agency 5 July, 1908, regulatory description, the above		
	•			
VE E		IPT oilfield waste which is non-hazardous by characteristic by product identification		
	THE STARTS OF	by product identification		
and tha	it nothing has been added to the exempt or non-exempt non -h	azardous waste defined above.		
		-ttinto items);		
For NO	N-EXEMPT waste the following documentation is attached (	eneck appropriate items). her (description		
	MSDS InformationOr RCRA Hazardous Waste Analysis	nor (dosorpaon		
	Chain of Custody			
	aste is in compliance with Regulated Levels of Naturally Oc 3.1 subpart 1403.C and D.	ceurring Radioactive Material (NORM) pursuant to 20		
	· On A			
Vame (	Original Signatures: Warre Steel			
Title:_	HSE & Legulatory Supervisor			
Phone Number: 324 - 1090				
Date:_				

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

APPROVED BY:

## State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Revised March 17, 1999

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Plus 1 Copy
to Appropriate
District Office

Form C-138

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

REQUEST FOR ATTROVAL TO ACCE.	I SULID WASTE			
1. RCRA Exempt:  ☐ Non-Exempt: ☐	4. Generator: Conoco Phillips			
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: San Juan 28-7 #182			
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 3, T27N, R7W, Rio Arriba County	Project #96052-073			
9. <u>Circle One</u> :				
<ul> <li>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.</li> <li>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</li> </ul>				
All transporters must certify the wastes delivered are only those consigned for transp	port.			
BRIEF DESCRIPTION OF MATERIAL:	27,28,20,30			
Production pit tank bottoms being removed in order to replace tank.				
CWS attached.				
Estimated Volumecy Known Volume (to be entered by the operator at the end of the haul)cy				
SIGNATURE Sandre Routson TITLE: Landfarm Manager DATE: January 22, 2004 Waste Management Facility Authorized Agent				
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615				
(This space for State Use)				
APPROVED BY: Deny ten TITLE: Environ	D/kng/ DATE: 2/02/04			



# 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, New Mexico 87401	Hilltop, New Mexico
•	3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
	San Juan 28-7 #182	"A" Section 3, T27N, R7W, Rio Arriba County
	attach list of originating sites as appropriate	
	4. Source and Description of Waste	
	Production pit tank bottoms being removed in	order to replace tank.
Ī,	Mika O'Nan	representative for:
	Print Name	
	onoco Phillips	do hereby certify that, according to the Resource
Consor describ	rvation and Recovery Act (RCRA) and Environmental Prob bed waste is: (Check appropriate classification)	tection Agency's July, 1988, regulatory determination, the above
<u>X</u> _r	XEMPT oilfield wasteNON-EX analysis	<b>EMPT</b> oilfield waste which is non-hazardous by characteristic or by product identification
and the	at nothing has been added to the exempt or non-exempt no	n –hazardous waste defined above.
For N	ON-EXEMPT waste the following documentation is attach  MSDS Information  RCRA Hazardous Waste Analysis  Chain of Custody	ned (check appropriate items); Other (description
This w	vaste is in compliance with Regulated Levels of Naturall C 3.1 subpart 1403.C and D.	y Occurring Radioactive Material (NORM) pursuant to 20
Name	(Original Signature): 126 OM	
Citle:_	Operations Lead	·
Phone	Number: 599-3433	<u> </u>
Date:_	1/22/04	<u></u>

District I
1625 N. French Dr., Hobbs, NM 88240
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## State of New Mexico Energy Minerals and Natural Resources

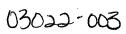
Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit Original Plus 1 Copy to Appropriate District Office

Revised March 17, 1999

Form C-138

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. 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	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) "D" Sec 26, T30N, R04W, Rio Arriba County	Project #03022-003			
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 transp	ort.			
BRIEF DESCRIPTION OF MATERIAL:				
Produced water, sand, and coal fines produced during the cleaning of storage tanks to perform internal inspection and repairs. All materials in the tanks have been downhole.				
CWS attached.				
Estimated Volume <u>~45bbls</u> cy Known Volume (to be entered by the operator at the end of the haul)cy				
SIGNATURE January 22, 2004 Waste Management Facility Authorized Agent  TITLE: Landfarm Manager DATE: January 22, 2004				
TYPE OR PRINT NAME: <u>Landrea Jackson</u> TELEPHONE NO: <u>(505)</u> 632-0615				
APPROVED BY: 1 TITLE: Enviro   Engr DATE: 2/02/04  APPROVED BY: 1 TITLE: 4-cologist DATE: 2-2-4				





# 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;
•	Energen Resources Corporation	Envirotech Inc. Soil Remediation Facility
	2198 Bloomfield Highway	Landfarm #2
•	Farmington, NM 87401	Hilltop, New Mexico
	3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
	ERC Carson #1 SWD	Letter "D" section 26, T3ON, R4W Rio Arriba County
	Produced water storage tank battery	· ·
• •	attach list of originating sites as appropriate	` `
	4. Source and Description of Waste	·
	Produced water, sand, and coal fines produced du	ring the cleaning of storage tanks to perform internal inspection
	and repairs. All materials in the tanks have been d	
	17	
ī	Larry M. Brooks	representative for:
^,	Print Name	Tepresentative (of .
	Energen Resources Corporation	do hereby certify that, according to the Resource
Consei	vation and Recovery Act (RCRA) and Environmental Pr	otection Agency's July, 1988, regulatory determination, the above
describ	ped waste is: (Check appropriate classification)	
X F	EXEMPT oilfield waste NON-I	EXEMPT oilfield waste which is non-hazardous by characteristic
awaysh, _	· · · · · · · · · · · · · · · · · · ·	is or by product identification
	-	• •
and tha	t nothing has been added to the exempt or non-exempt n	on -hazardous waste defined above.
The NY	N EVENDT waste the following documentation is atte	4.1/1-1
ror iyu	ON-EXEMPT waste the following documentation is attac MSDS Information	Other (description
	RCRA Hazardous Waste Analysis	Office (description
	Chain of Custody	
		ally Occurring Radioactive Material (NORM) pursuant to 20
NMA	C 3.1 subpart 1403, C and D.	
Name	(Original Signature):	
ITALIN	(Ottemat organizate).	
Title:_	Production Foreman	
Phone	Number: 505-326-6131	•
Dotos	1/22/2004	
DAIG!	1/22/2004	

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

Revised March 17, 1999

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Form C-138

## REOUEST FOR APPROVAL TO ACCEPT SOLID WASTE

	I SOUTH THE I
1. RCRA Exempt: □	4. Generator: El Paso Field Services
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: Lindrith Station
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) SE/4, Sec 18, T24N, R5W, Rio Arriba County	Project #97057-090
<ul> <li>9. <u>Circle One</u>: <ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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</li> </ul> </li> </ul>	ecessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transp	ort.
BRIEF DESCRIPTION OF MATERIAL:	
Hydrocarbon sludge from condensate tank cleaning.  CWS Attached  Estimated Volumecy Known Volume (to be entered by the operator at the en	JAN 2000 SI bi Si Zi VIII Coy
1/1 / / / /	
SIGNATURE Waste Management Facility Authorized Agent  TITLE: Landfarm Management	nger DATE: January 20, 2004
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615	
APPROVED BY: APPRO	0/Eng/ DATE: 2/02/04 0/09/5/ DATE: 2-2-4



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

97057-090

#### **BILL RICHARDSON**

Governor Joanna Prukop Cubiact Secretary Lori Wrotenbery
Director
Oil Conservation Division

## **CERTIFICATE OF WASTE STATUS**

1. Conserve Name and Address	2. Destination Name:
Generator Name and Address     El Paso Field Services Co.	Envirotech Soil Remediation Facility
	Landfarm #2
614 Roilly Avenue	i i i i i i i i i i i i i i i i i i i
Farmington, NM 87401	Hilltop, New Mexico
3 Originating Site (name):	Location of Waste (Street address &/or ULSTR):
Lindrith Station	SE/4, Section 18, T24N, R5W, Rio Arriba Co., NM
attach list of originating sites as appropriate  4. Source and Description of Waste Hydrocarbon sludge from condensate tank clea	ining
I, <u>David Bays</u> Print Name	representative for.
El Paso Field Services Co Recovery Act (RCRA) and Environmental Pro (Check appropriate classification)	do hereby certify that, according to the Resource Conservation and tection Agency's July, 1988 regulatory determination, the above described waste is:
	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 exempt	
For NON-EXEMPT waste only, the following	g documentation is attached (check appropriate items)
MSDS Information RCRA Hazardous Waste A Chain of Custody	Other (description)  Analysis
This Waste is in compliance with Regulated Lesubpart 1403.C and D.	evels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1
Name (Original Signature):	wil Bay
Title: Pri	ncipal Environmental Scientist
Date Jar	nuary 20, 2004
Oil Conservation Divisio Phone: (505) 334-617	· · · · · · · · · · · · · · · · · · ·

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
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## State of New Mexico Energy Minerals and Natural Resources

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



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JAN 15 2004

REQUEST FOR APPROVAL TO ACCEP	T.S. Preproved Sylkon
1. RCRA Exempt: Non-Exempt: \( \sum \)	4. Sente Reg. NM SECO. Ces
Verbal Approval Received: Yes No 🗵 1/12/04	5. Originating Site: SPC Plant Blender Tank in 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) 3250 Southside River Road, Farmington	Project #95026-011
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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</li> <li>All transporters must certify the wastes delivered are only those consigned for transporters DESCRIPTION OF MATERIAL:</li> <li>New diesel and gel slurry being removed from tank in order to change to a CWS and MSDS attached.</li> </ul>	new products 89 10 11 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Estimated Volume ~300gal cy Known Volume (to be entered by the operator at the e	nd of the haul)cy
SIGNATURE DANGE KANDE AND TITLE: Landfarm Man Waste Management Excility Authorized Agent  TITLE: Landfarm Man	- Tano
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615	92.10
(This space for State Use).  APPROVED BY JOHN FROM THE ENVIRON	Exc): DATE: 1/12/04

District I
1301 W. Grand Avenue, Artesia, NM 88210
District III
1300 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: ☑ Venbal	4. Generator: BJ Services
Verbal Approval Received: Yes No ⊠ 1/12/07	5. Originating Site: SPC Plant Blender Tank in 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) 3250 Southside River Road, Farmington	Project #95026-011
9. Circle One:	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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</li> </ul>	ecessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transp	ort.
BRIEF DESCRIPTION OF MATERIAL:	
New diesel and gel slurry being removed from tank in order to change to a CWS and MSDS attached.  Estimated Volume ~300gal cy Known Volume (to be entered by the operator at the entered b	JAN 2004  SCHOOL STAND S
La 1 Dela Naci	
SIGNATURE Waste Management Excility Authorized Agent  TITLE: Landfarm Management Excility Authorized Agent	ager DATE: January 12, 2004
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615	
(This space for State Use)  APPROVED BY: DENY TON	me to 1/ETHDATE 1/12/04
ARPROVED BY: West of the province of the provi	DATE:



# 95026 - 011 NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCESODERARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary



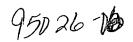
Lori Wrotenbery
Director
Oil Conservation Division

## CERTIFICATE OF WASTE STATUS

	Generator Name and Address	2. Destination Name;
	BJ Services	Envirotech Inc. Soil Remediation Facility
	3250 Southside River Road	Landfarm #2
	Farmington, New Mexico 87401	Hilltop, New Mexico
	3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
	SPC Plant Blender Tank in Yard	3250 Southside River Road, Farmington, NM
	attach list of originating sites as appropriate	
	4. Source and Description of Waste	
	~200 gallons new diesel and gel slurry being re	emoved from tank in order to change to a new product.
I,	Les Baugh	representative for :
	Print Name	
	BJ Services	do hereby certify that, according to the Resource
describ	oed waste is: (Check appropriate classification)  XEMPT oilfield wasteXNON-1	tection Agency's July, 1988, regulatory determination, the above  EXEMPT oilfield waste which is non-hazardous by characteristic or by product identification
and tha	at nothing has been added to the exempt or non-exempt no	•
For NO	ON-EXEMPT waste the following documentation is attach	Ded (check appropriate items):
- 02 240	X MSDS information	Other (description
	RCRA Hazardous Waste Analysis	
	Chain of Custody	
	vaste is in compliance with Regulated Levels of Naturali	ly Occurring Radioactive Material (NORM) pursuant to 20
-		
Name	(Original Signature): JM Daugh	<u> </u>
Title:_	Facilities Supervisor	· 
Phone	Number: 505-327-6222	<del></del>
Date:_	19/04	<del></del> .

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

200/200° a 088 5 #





## **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:

FLAMMABILITY: REACTIVITY:

PERSONAL PROTECTION: e

## 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:

>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 SPECIAL FIRE FIGHTING PROCEDURES: 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

eve 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.

#### **FXPOSURE LIMITS:**

HAZARDOUS COMPONENT	ACGIH TLV	OSHA PËL
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:

N.E. LD(50)

N.E. LC(50)

## 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, quiet 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): **EVAPORATION RATE:** 

N.A. N.A.

**BOILING POINT:** 

N.A. N.A.

FREEZING POINT: SOLUBILITY IN H20:

Forms gel

pH:

6-8 at 0.5 wt/wt%

## SECTION VII - REACTIVITY DATA

CHEMICAL STABILITY:

Stable

INCOMPATIBLE MATERIALS:

Strong oxidizing agents

HAZARDOUS POLYMERIZATION: HAZARDOUS DECOMPOSITION PRODUCTS:

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

EYE PROTECTION:

Goggles

OTHER PROTECTIVE EQUIPMENT:

Evewash 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.

HANDLING & SPECIAL EQUIPMENT: Avoid breathing dust. Surfaces dusted with this product can

become slippery when wet.

STORAGE REQUIREMENTS:

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. N.A.

SUBSIDIARY RISK:

REPORTABLE QUANTITY (RQ):

N.A.

EMERGENCY RESPONSE GUIDE #: N.A.

#### **FNVIRONMENTAL INFORMATION**

#### SARA TITLE III

**SECTION 302/304** 

This product does not contain ingredients listed as an Extremely

Hazardous Substance.

**SECTION 311/312** 

SECTION 313

Immediate. Delayed

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.

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

N.E. = Not Established

N.A. = Not Applicable

MSDS for GW-4...Page 5



## 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:

\_

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

FLASHPOINT (METHOD):

130°F (TCC)

UPPER EXPLOSION LIMIT(% BY VOL):

6.0 0.4

LOWER EXPLOSION LIMIT(% BY VOL): AUTO-IGNITION TEMPERATURE:

494°F

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

protective equipment including

respiratory protection.

Vapor forms explosive mixture with

air.

HAZARDOUS COMBUSTION PRODUCTS: Carbon mo

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:

EXPLOSION DATA:

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.

CHRONIC OVEREXPOSURE EFFECTS: Eye irritation, skin irritation leading to

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

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:

Clear or straw-colored or dyed blue/green/red

liquid with aromatic odor.

SPECIFIC GRAVITY:

0.84-0.88 @ 60°F 1 mm Hg @ 68°F

VAPOR PRESSURE: VAPOR DENSITY (air=1):

>1

EVAPORATION RATE:

N.E.

BOILING POINT:

350-690°F (177-366°C)

FREEZING POINT:

N.E.

SOLUBILITY IN H20:

Insoluble

pH:

N.A.

#### **SECTION VII - REACTIVITY DATA**

CHEMICAL STABILITY:

Stable

INCOMPATIBLE MATERIALS:

Strong oxidizers

HAZARDOUS POLYMERIZATION:

Does not polymerize

HAZARDOUS DECOMPOSITION PRODUCTS:

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:

As needed. Air purifying, half face piece,

organic vapor cartridge or canister.

PROTECTIVE GLOVES:

Rubber or neoprene Safety glasses or goggles

EYE PROTECTION: OTHER PROTECTIVE EQUIPMENT:

Eyewash bottles or other rinsing equipment

should be easily accessible.

#### **SECTION IX - HANDLING PRECAUTIONS**

I EAK 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 dispose of according to all local, state, and

N.E. = Not Established

N.A. = Not Applicable

MSDS for Diesel #2...Page 3

federal laws and regulations.

HANDLING & SPECIAL EQUIPMENT: 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 Fuel

HAZARD CLASS:

UN/NA NUMBER: NA1993 PACKING GROUP W/ "PG": PGIII

SUBSIDIARY 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



## 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):

N.A.

UPPER EXPLOSION LIMIT(% BY VOL):

N.A.

LOWER EXPLOSION LIMIT(% BY VOL):

73.6 g/m3

**AUTO-IGNITION TEMPERATURE:** 

N.E.

EXTINGUISHING MEDIA:

Alcohol foam, carbon dioxide, dry

chemical, or water fog

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should have eye

protection and wear self-contained

breathing apparatus. Use water spray

to cool containers exposed to fire.

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:** 

SKIN CONTACT:

Not expected to cause irritation.

SKIN ABSORPTION: EYE CONTACT:

Cannot be absorbed through the skin.

May produce slight mechanical irritation.

INHALATION:

May cause slight irritation.

INGESTION: ....

Not expected to produce adverse effects.

CHRONIC OVEREXPOSURE EFFECTS: 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

N.E. = Not Established

N.A. = Not Applicable

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

#### SECTION VI - PHYSICAL DATA

APPEARANCE AND ODOR: Odorless, light cream powder

SPECIFIC GRAVITY: 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: Stable

INCOMPATIBLE MATERIALS: None known

HAZARDOUS POLYMERIZATION:

Does not polymerize
Thornal decomposition proplems:

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition can produce oxides of carbon and

ammonia.

## **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: NIOSH approved (type) air purifying

respirator where TLV is exceeded.

PROTECTIVE GLOVES: Chemical resistant

EYE PROTECTION: Safety glasses

OTHER PROTECTIVE EQUIPMENT: Eyewash bottles or other rinsing 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

requirements of waste. Always dispose of hazardous 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.

STORAGE REQUIREMENTS:

None

## **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

#### 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	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: REACTIVITY:

1 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

FLASHPOINT (METHOD):

> 300°F (COC)

UPPER EXPLOSION LIMIT(% BY VOL):

LOWER EXPLOSION LIMIT(% BY VOL):

**AUTO-IGNITION TEMPERATURE:** 

**EXTINGUISHING MEDIA:** 

SPECIAL FIRE FIGHTING PROCEDURES:

N.A.

N.A. N.E.

Alcohol foam, carbon dioxide, dry chemical, water fog Do not enter a fire area without proper protective

equipment, including NIOSH/MSHA approved.

self-contained breathing apparatus. Use water spray to cool containers exposed to fire. Avoid exposure to

vapors.

**EXPLOSION DATA:** 

HAZARDOUS COMBUSTION PRODUCTS:

N.E.

Carbon monoxide, carbon dioxide

## SECTION IV - HEALTH HAZARD DATA

N.A. = Not Applicable

MSDS for PSA-2L...Page 1

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.

Not considered to be a likely route of exposure, however, may be

INGESTION: Not considered to 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

APPEARANCE AND ODOR:

Clear, colorless to amber liquid with mild polyether odor

SPECIFIC GRAVITY:

0.98 at 77°F

VAPOR PRESSURE:

N.E. > 1

VAPOR DENSITY (air=1): EVAPORATION RATE:

N.A.

BOILING POINT:

485°F

FREEZING POINT:

24°F

SOLUBILITY IN H20:

Insoluble

pH:

6-8 (5% aqueous solution)

MSDS for PSA-2L...Page 2

#### **SECTION VII - REACTIVITY DATA**

CHEMICAL STABILITY:

Stable

INCOMPATIBLE MATERIALS:

Oxidizers, temperature extremes

HAZARDOUS POLYMERIZATION:

Does not polymerize

HAZARDOUS DECOMPOSITION PRODUCTS:

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: PACKING GROUP W/ "PG": N.A.

SUBSIDIARY RISK:

N.A. N.A.

REPORTABLE QUANTITY (RQ):

N.A.

FMERGENCY 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

State of New Mexico Energy Minerals and Natural Resources

Form C-138 Revised March 17, 1999

Submit Original Plus 1 Copy to Appropriate District Office

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 PL NM 8050551

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

REQUEST FOR APPROVAL TO ACCEP	I SULID WASIE
1. RCRA Exempt: Non-Exempt:	4. Generator: Compressor Systems Inc.
Verbal Approval Received: Yes 🗌 No 🛛	5. Originating Site: SJ 30-5 #224
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) 1425' FSL, 1112' FWL, Sec 17, T30N, R5W, San Juan County	Project #01038-017
9. Circle One:	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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 claapproved</li> </ul>	ecessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transp	port.
BRIEF DESCRIPTION OF MATERIAL:	
Hydraulic oil contaminated soil generated when a line on compressor broke	e spraying ~30gallons onto the ground.
CWS, MSDS, and analytical attached.	1/21/2004 C AND 2004
Estimated Volume $\sim 5$ cy Known Volume (to be entered by the operator at the end of	the haul)cy
SIGNATURE HANGE REMAINS TITLE: Landfarm Man. Waste Management Facility Authorized Agent	ager DATE: January 12, 2004
TYPE OR PRINT NAME: <u>Landrea Jackson</u> TELEPHONE NO: (505) 632-0615	- No. 12 10
(This space for State Use)  APPROVED BY: Service (1)	
APPROVED BY 1 9 4 TITLE ENVIRONMENT	DATE 1/16/2004 ALGOOGISZ DATE 1/22/04
волица, тануулган тануулган танин тануу танин тануу танин тануу тануулган тануу тануулган тануу тануулган тану Танин тануулган тануулган тануулган тануулган тануулган тануулган тануулган тануулган тануулган тануулган тану	ee manataa - 1 maasa Nagaraha 2 maasaa saasaa maraha saa Saraha ji ja ja ja ja ja ja ja ja ja ja ja ja ja

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

21301 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

Revised March 17, 1999

Submit Original Plus 1 Copy to Appropriate District Office

Form C-138

REQUEST FOR APPROVAL TO ACCE	T SOLID WASTE
1. RCRA Exempt: ☐ Non-Exempt: ⊠	4. Generator: Compressor Systems Inc.
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: SJ 30-5 #224
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
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Hydraulic oil contaminated soil generated when a line on compressor brok	e spraying ~30gallons onto the ground.
CWS, MSDS, and analytical attached.	JANI 2004 ELST
Estimated Volume ~5 cy Known Volume (to be entered by the operator at the end of	the haul)cy
SIGNATURE JAMULA RAULS TITLE: Landfarm Man Waste Management Facility Authorized Agent	ager DATE: January 12, 2004
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615	
	·
(This space for State Use)  APPROVED BY: Dermy Levy TITLE: Envivol.	Engr DATE: 1/16/2004



# 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:
COMPRESSOR SYSTEMS INC	Envirotech Inc. Soil Remediation Facility
5995 US HWY 64	Landfarm #2
EARMINGTON N.M 87461	Hilltop, New Mexico
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
30-5# 224	SEUT 19-R5W-T3ON-1425 F52 + 1112 FWC
UNIT 40 4682	
attach list of originating sites as appropriate	
4. Source and Description of Waste	
	OIL SPRAYED ONTO GROUND FROM BROKEN
LENE, CONTAMENATED ABOUT	
· osan	0 CONFC 4171413 07 30 FC
** And the state of the state o	·
I, Phaceael Ray Print Name	representative for:
Print Name	
COMPRESSOR SYSTEMS INC	do hereby certify that, according to the Resource
	Protection Agency's July, 1988, regulatory determination, the above
described waste is: (Check appropriate classification)	
EXEMPT oilfield waste \(\frac{\chi}{\chi}\)NO	N-EXEMPT oilfield waste which is non-hazardous by characteristic
	nalysis or by product identification
and that nothing has been added to the exempt or non-exemp	pt non -hazardous waste defined above.
For NON-EXEMPT waste the following documentation is a	
✓ MSDS Information	Other (description
RCRA Hazardous Waste Analysis Chain of Custody	
Chain of Custody	
This wests is in compliance with Regulated Levels of Nati	urally Occurring Radioactive Material (NORM) pursuant to 20
NMAC 3.1 subpart 1403.C and D.	uruny occurring madioneric interior (in occur) pursuant to 20
7 .	
Name (Original Signature):	
, , , , , , , , , , , , , , , , , , , ,	
Title: LIAB SERVECT TOCH	<del></del>
Phone Number: 505-632-550/	
Date: 1/6/04	
Date: 1/6/09	

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:	Compressor Systems Inc.	Project #:	01038-001
Sample ID:	30-5 #224	Date Reported:	01-10-04
Laboratory Number:	27505	Date Sampled:	01-06-04
Chain of Custody:	11727	Date Received:	01-09-04
Sample Matrix:	Soil	Date Analyzed:	01-10-04
Preservative:	Cool	Date Digested:	01-09-04
Condition:	Cool & Intact	Analysis Needed:	RCRA Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)	
			· · · · · · · · · · · · · · · · · · ·	
Arsenic	0.003	0.001	5.0	
Barium	0.642	0.001	100	
Cadmium	ND	0.001	1.0	
Chromium	0.005	0.001	5.0	
Lead	0.008	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 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:

30-5 #224.

Analyst

/ Molley Malley
Review



# TRACE METAL ANALYSIS Quality Control / Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	01-10-04 QA/AC	Date Reported:	01-10-04
Laboratory Number:	27505	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	01-10-04
Condition:	N/A	Date Digested:	01-09-04

Blank & Duplicate : Conc. (mg/Kg)	Instrument Blank (mg/L)	Method: Blank	Detectio Limit		Duplicate	% Diff.	Acceptance Range	
Arsenic	ND	ND	0.001	0.003	0.003	0.0%	0% - 30%	
Barium	ND	ND	0.001	0.642	0.640	0.3%	0% - 30%	
Cadmium	ND	ND	0.001	ND	ND	0.0%	0% - 30%	
Chromium	ND	ND	0.001	0.005	0.005	0.0%	0% - 30%	
Lead	ND	ND	0.001	0.008	0.008	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/Kg)	Spike Added	λ ∥ Sample	e Spiked Sample		Acceptance l Range
Arsenic	0.500	0.003	0.502	99.8%	80% - 120%
Barium	0.500	0.642	1.14	99.8%	80% - 120%
Cadmium	0.500	ND	0.500	100.0%	80% - 120%
Chromium	0.500	0.005	0.504	99.8%	80% - 120%
Lead	0.500	0.008	0.507	99.8%	80% - 120%
Mercury	0.050	ND	0.050	100.0%	80% - 120%
Selenium	0.500	0.001	0.500	99.8%	80% - 120%
Silver	0.500	ND	0.499	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 27505.

Analyst

eview

# CHAIN OF CUSTODY RECORD

Client / Project Name			Project Location					1. 1. 1.	7.7.7	S / PAR	1 22	one Carlotte	÷. *	
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Sample No./	Sample Date	Sample Time	Lab Number	Sample Matrix	C O	RCRA							·	
30-5 #224	1/4/04		27505	Soil	1	/				,				
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				5796 U.S. High Farmington, New M	lexico						Rece	eived Intact	i/	/
			· · · · · · · · · · · · · · · · · · ·	(505) 632-0				1 - 27 - 1 - 2 - 2 - 2 - 2		. !!	Cool =	ice/Blue ice		

# **Material Safety Data Sheet**

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

## Chevron Rykon® Oil AW

Product Number(s): CPS229001, CPS229002, CPS229003

Synonyms: CHEVRON Rykon® Oil AW ISO 32, CHEVRON Rykon® Oil AW ISO 46, CHEVRON Rykon® Oil AW ISO 68

Company Identification
ChevronTexaco Global Lubricants
6001 Bollinger Canyon Rd.
San Ramon, CA 94583
United States of America
www.chevron-lubricants.com

Post-it® Fax Note 7671	Date 1/6/04 pages
To Phillip	From Tim
Co/Dept. CS	Co. Farmington Dil
Phone # 632-5501	Phone # 325 -9422
Fax # 632-8985	Fax# 326-7275

Transportation Emergency Response

CHEMTREC: (800) 424-9300 or (703) 527-3887

Health Emergency

ChevronTexaco Emergency Information Center: Located in the USA. International collect calls accepted. (800)

231-0623 or (510) 231-0623

**Product Information** 

email: lubemsds@chevron.com Product Information: (800) LUBE TEK MSDS Requests: (800) 414-6737

SECTION 2 COMPOSITION/ INFORMATION ON INGREDIENTS					
COMPONENTS	CAS NUMBER	AMOUNT			
Non-hazardous additive blend in refined oil	Mixture	100 %weight			
SECTION 3 HAZARDS IDENTIFICATION					

#### **IMMEDIATE HEALTH EFFECTS**

Eye: Not expected to cause prolonged or significant eye irritation.

Skin: Contact with the skin is not expected to cause prolonged or significant irritation. Not expected to be harmful to internal organs if absorbed through the skin. High-Pressure Equipment Information: Accidental high-velocity injection under the skin of materials of this type may result in serious injury. Seek medical attention at once should an accident like this occur. The initial wound at the injection site may not appear to be serious at first; but, if left untreated, could result in disfigurement or amputation of the affected part.

Ingestion: Not expected to be harmful if swallowed.

Inhalation: Not expected to be harmful if inhaled. 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. Symptoms of respiratory irritation may include coughing and difficulty breathing.

#### **SECTION 4 FIRST AID MEASURES**

Eye: No specific first aid measures are required. As a precaution, remove contact lenses, if worn, and flush eyes with water.

Skin: No specific first aid measures are required. As a precaution, remove clothing and shoes if contaminated. To remove the material from skin, use soap and water. Discard contaminated clothing and shoes or thoroughly clean

·before reuse.

Ingestion: No specific first aid measures are required. Do not induce vomiting. As a precaution, get medical advice

Inhalation: No specific first aid measures are required. If exposed to excessive levels of material in the air, move the exposed person to fresh air. Get medical attention if coughing or respiratory discomfort occurs.

Note to Physicians: In an accident involving high-pressure equipment, this product may be injected under the skin. Such an accident may result in a small, sometimes bloodless, puncture wound. However, because of its driving force, material injected into a fingertip can be deposited into the palm of the hand. Within 24 hours, there is usually a great deal of swelling, discoloration, and intense throbbing pain. Immediate treatment at a surgical emergency center is recommended.

#### **SECTION 5 FIRE FIGHTING MEASURES**

Leaks/ruptures in high pressure system using materials of this type can create a fire hazard when in the vicinity of ignition sources (eg. open flame, pilot lights, sparks, or electric arcs).

#### FIRE CLASSIFICATION:

OSHA Classification (29 CFR 1910.1200): Not classified by OSHA as flammable or combustible.

NFPA RATINGS: Health: 0 Flammability: 1 Reactivity: 0

#### **FLAMMABLE PROPERTIES:**

Flashpoint: (Cleveland Open Cup) 170 °C (338 °F) (Min)

Autolonition: No Data Available

Flammability (Explosive) Limits (% by volume in air): Lower: Not Applicable Upper: Not Applicable

EXTINGUISHING MEDIA: Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames. PROTECTION OF FIRE FIGHTERS:

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: Highly dependent on combustion conditions. A complex mixture of airborne solids, liquids, and gases including carbon monoxide, carbon dioxide, and unidentified organic compounds will be evolved when this material undergoes combustion.

#### SECTION 6 ACCIDENTAL RELEASE MEASURES

Protective Measures: Eliminate all sources of Ignition in vicinity of spilled material.

Spill Management: Stop the source of the release if you can do it without risk. Contain release to prevent further contamination of soil, surface water or groundwater. Clean up spill as soon as possible, observing precautions in Exposure Controls/Personal Protection. Use appropriate techniques such as applying non-combustible absorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations.

Reporting: Report spills to local authorities and/or the U.S. Coast Guard's National Response Center at (800) 424-8802 as appropriate or required.

#### **SECTION 7 HANDLING AND STORAGE**

Precautionary Measures: DO NOT USE IN HIGH PRESSURE SYSTEMS in the vicinity of flames, sparks and hot surfaces. Use only in well ventilated areas. Keep container closed.

General Handling Information: Avoid contaminating soil or releasing this material into sewage and drainage systems and bodies of water.

Static Hazard: Electrostatic charge may accumulate and create a hazardous condition when handling this material. To minimize this hazard, bonding and grounding may be necessary but may not, by themselves, be sufficient. Review all operations which have the potential of generating and accumulating an electrostatic charge and/or a flammable atmosphere (including tank and container filling, splash filling, tank cleaning, sampling, gauging, switch loading, filtering, mixing, agitation, and vacuum truck operations) and use appropriate mitigating procedures. For more information, refer to OSHA Standard 29 CFR 1910.106, 'Flammable and Combustible Liquids', National Fire Protection Association (NFPA 77, 'Recommended Practice on Static Electricity', and/or the American Petroleum Institute (API) Recommended Practice 2003, 'Protection Against Ignitions Arising Out of Static, Lightning, and Stray Currents'.

Container Warnings: Container is not designed to contain pressure. Do not use pressure to empty container or it

may rupture with explosive force. Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty containers should be completely drained, properly closed, and promptly returned to a drum reconditioner or disposed of properly.

#### SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

#### **GENERAL CONSIDERATIONS:**

Consider the potential hazards of this material (see Section 3), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

#### **ENGINEERING CONTROLS:**

Use in a well-ventilated area.

#### 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 in the workplace. Suggested materials for protective gloves include: 4H (PE/EVAL), Nitrile Rubber, Silver Shield, Viton. Respiratory Protection: No respiratory protection is normally required.

If user operations generate an oil mist, determine if airborne concentrations are below the occupational exposure limit for mineral oil mist. If not, wear an approved respirator that provides adequate protection from the measured concentrations of this material. For air-purifying respirators use a particulate cartridge.

Use a positive pressure air-supplying respirator in circumstances where air-purifying respirators may not provide adequate protection.

Occupational Exposure Limits:

Component	Agency	TWA	STEL	Celling	Notation
Non-hazardous additive blend in refined oil	ACGIH	5 mg/m3	10 mg/m3	-	
Non-hazardous additive blend in refined oil	OSHA Z-1	5 mg/m3	_	-	

#### **SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

Attention: the data below are typical values and do not constitute a specification.

Color: Yellow

Physical State: Liquid Odor: Petroleum odor pH: Not Applicable

Vapor Pressure: <0.01 mmHg @ 37.8 °C (100 °F)

Vapor Density (Air = 1): >1 Boiling Point: >315.6°C (600°F)

Solubility: Soluble in hydrocarbon solvents; insoluble in water.

Freezing Point: Not Applicable Meiting Point: Not Applicable

Specific Gravity: 0.86 - 0.9 @ 15.6°C (60.1°F) / 15.6°C (60.1°F)

Density: 0.86 kg/l - 0.9 kg/l @ 15°C (59°F)

Viscosity: 28.8 cSt - 61.2 cSt @ 40°C (104°F) (Min)

#### SECTION 10 STABILITY AND REACTIVITY

Chemical Stability: This material is considered stable under normal ambient and anticipated storage and

ريا

handling conditions of temperature and pressure.

Incompatibility With Other Materials: May react with strong acids or strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.

Hazardous Decomposition Products: None known (None expected)
Hazardous Polymerization: Hazardous polymerization will not occur.

#### **SECTION 11 TOXICOLOGICAL INFORMATION**

#### IMMEDIATE HEALTH EFFECTS

Eye Irritation: The eye Irritation hazard is based on evaluation of data for similar materials or product components.

**Skin Irritation:** The skin irritation hazard is based on evaluation of data for similar materials or product components.

Skin Sensitization: No product toxicology data available.

Acute Dermal Toxicity: The acute dermal toxicity hazard is based on evaluation of data for similar materials or product components.

Acute Oral Toxicity: The acute oral toxicity hazard is based on evaluation of data for similar materials or product components.

Acute Inhalation Toxicity: The acute inhalation toxicity hazard is based on evaluation of data for similar materials or product 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). These oils have not been classified by the American Conference of Governmental Industrial Hygienists (ACGIH) as: confirmed human carcinogen (A1), suspected human carcinogen (A2), or confirmed animal carcinogen with unknown relevance to humans (A3).

#### **SECTION 12 ECOLOGICAL INFORMATION**

#### **ECOTOXICITY**

The 96 hour(s) LC50 for rainbow trout (Oncorhynchus mykiss) is >1000 mg/l.

The 48 hour(s) EC50 for water flea (Daphnia magna) is >1000 mg/l.

This material is not expected to be harmful to aquatic organisms.

#### **ENVIRONMENTAL FATE**

This material is not expected to be readily biodegradable.

#### **SECTION 13 DISPOSAL CONSIDERATIONS**

Oll 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.

#### SECTION 14 TRANSPORT INFORMATION

The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

DOT Shipping Name: NOT REGULATED AS A HAZARDOUS MATERIAL FOR TRANSPORTATION UNDER 49 CFR

**DOT Hazard Class: NOT APPLICABLE** 

**DOT Identification Number: NOT APPLICABLE** 

**DOT Packing Group: NOT APPLICABLE** 

Additional Information: NOT HAZARDOUS BY U.S. DOT. ADR/RID HAZARD CLASS NOT APPLICABLE.

IMO/IMDG Shipping Name: NOT REGULATED AS DANGEROUS GOODS FOR TRANSPORTATION UNDER THE IMDG CODE

IMO/IMDG Hazard Class: NOT APPLICABLE

IMO/IMDG Identification Number: NOT APPLICABLE

IMO/IMDG Packing Group: NOT APPLICABLE

#### SECTION 15 REGULATORY INFORMATION

#### EPCRA 311/312 CATEGORIES: 1, Immediate (Acute) Health Effects: NO

2. Delayed (Chronic) Health Effects: NO

3. Fire Hazard: NO

4. Sudden Release of Pressure Hazard: NO

5. Reactivity Hazard: NO

#### REGULATORY LISTS SEARCHED:

01-1=IARC Group 1

03=EPCRA 313

01-2A=IARC Group 2A

04=CA Proposition 65

01-2B=IARC Group 2B

05=MA RTK

02=NTP Carcinogen

06=NJ RTK

08=PARTK

No components of this material were found on the regulatory lists above.

#### CHEMICAL INVENTORIES:

AUSTRALIA: All the components of this material are listed on the Australian Inventory of Chemical Substances (AICS).

CANADA: One or more components of this product are not on the Domestic Substances List (DSL). Volume tracking or notification by the Canadian Importer of Record may be required. Please contact Chevron Texaco Global Lubricants.

EUROPEAN UNION: All the components of this material are in compliance with the EU Seventh Amendment Directive 92/32/EEC.

JAPAN: All the components of this product are on the Existing & New Chemical Substances (ENCS) inventory in Japan, or have an exemption from listing.

KOREA: All the components of this product are on the Existing Chemicals List (ECL) in Korea.

PHILIPPINES: All the components of this product are listed on the Philippine Inventory of Chemicals and Chemical Substances (PICCS).

UNITED STATES: All of the components of this material are on the Toxic Substances Control Act (TSCA) Chemical Inventory.

#### **NEW JERSEY RTK CLASSIFICATION:**

Under the New Jersey Right-to-Know Act L. 1983 Chapter 315 N.J.S.A. 34:5A-1 et. seq., the product is to be identified as follows: PETROLEUM OIL (Hydraulic oil)

#### WHMIS CLASSIFICATION:

This product is not considered a controlled product according to the criteria of the Canadian Controlled Products Regulations.

#### **SECTION 16 OTHER INFORMATION**

NFPA RATINGS: Health: 0 Flammability: 1 Reactivity: 0 HMIS RATINGS: Health: 1 Flammability: 1 Reactivity: 0

(0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme, PPE:- Personal Protection Equipment Index recommendation, \*- Chronic Effect Indicator). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

**REVISION STATEMENT:** This revision updates the following sections of this Material Safety Data Sheet: 1, 5, 8, 11, 15

ABBREVIATIONS THAT MAY HAVE BEEN USED IN THIS DOCUMENT:

TLV - Threshold Limit Value	TWA - Time Weighted Average	
STEL - Short-term Exposure Limit	PEL - Permissible Exposure Limit	
	CAS - Chemical Abstract Service Number	
ACGIH - American Conference of Government Industrial Hyglenists	IMO/IMDG - International Maritime Dangerous Goods Code	
API - American Petroleum Institute	MSDS - Material Safety Data Sheet	
CVX - ChevronTexaco	NFPA - National Fire Protection Association (USA)	
DOT - Department of Transportation (USA)	NTP - National Toxicology Program (USA)	
IARC - International Agency for Research on Cancer	OSHA - Occupational Safety and Health Administration	

Prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the ANSI MSDS Standard (Z400.1) by the ChevronTexaco Energy Research & Technology Company, 100 Chevron Way, Richmond, California 94802.

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

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

Revised March 17, 1999

Submit Original Plus 1 Copy to Appropriate District Office

Form C-138

# 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 #61B
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) "M" Sec 10, T28N, R7W, Rio Arriba County	Project #96052-072
9. <u>Circle One</u> :	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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</li> </ul>	ecessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transp	oort.
BRIEF DESCRIPTION OF MATERIAL:  Flowback fluids (frac water, sand) from cleaning out a frac tank to be move	ed to another location.
CWS attached.	IEU SONIII-
Estimated Volume _ ~12bbl _ cy Known Volume (to be entered by the operator at the	e end of the haul)cy
SIGNATURE Jandrea R Jackson TITLE: Landfarm Management Hacility Authorized Agent	ager DATE: January 12, 2004
TYPE OR PRINT NAME: <u>Landrea Jackson</u> TELEPHONE NO: <u>(505)</u> 632-0615	
(This space för State Use)	
APPROVED BY: Demy Zent TITLE: Enviro)	Engl DATE: 1/16/04
APPROVED BY: Hay TITLE: 9-e01	09/5t DATE 1-16-4



#### **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	
	37 701	Hilltop, New Mexico
	3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
	San Juan 28-7. Uni+#618	Uni+ M, Sec. 10, T28N, R7W
		1070' FSL & 450' FWL
	API# 30-039-27250	Rio Arnba County, NM
	attach list of originating sites as appropriate  4. Source and Description of Waste	100 Hillor Courting, 1414
	12 RB Flowback (From water say	od) Como alacció a l
. [	10 Oise resolute fractions, go	nd) from cleaning out frac tank
	to be mived to whater local	ua (or)
1		
f	Monica D. Olson:	representative for :
``,	Print Name	representative 10f
	O P1 : 111	
	ConocoPhillips Company	do hereby certify that, according to the Resource
Conserva	ntion and Recovery Act (RCRA) and Environmental Protection	n Agency's July, 1988, regulatory determination, the above
escribed	d waste is: (Check appropriate classification)	
XEX	EMPT oilfield wasteNON-EXEM	PT oilfield waste which is non-hazardous by characteristic
		by product identification
•		
nd that	nothing has been added to the exempt or non-exempt non -ha	zardous waste defined above.
or NON	-EXEMPT waste the following documentation is attached (c	
	MSDS InformationOth RCRA Hazardous Waste Analysis	er (description
_	Chain of Custody	
-		
rie was	te is in compliance with Regulated Levels of Naturally Occ	Surring Radioactive Material (NODA)
MAC 3	1 subpart 1403.C and D.	And the Radioactive (viaterial (NORIVI) pursuant to 20
ıme (O	riginal Signature): MM(19 D. OGA)	
tle:	HSE & Regulatory Technician	
.te:	1-12-04	·
	Oil Conservation Division * 1000 Rio R	razos Road * Aztec New Marios 97410

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

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

4. Generator: Conoco Phillips

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: Houck #2B					
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) "B" Sec11, T29N, R10W, San Juan County	Project #96052-070					
9. <u>Circle One</u> :						
<ul> <li>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.</li> <li>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</li> </ul>						
All transporters must certify the wastes delivered are only those consigned for transporters	port.					
BRIEF DESCRIPTION OF MATERIAL:  Frac water and rust cleaned out of 4 frac tanks to be released to another site.						
CWS attached.  Estimated Volume _~40bbl _cy Known Volume (to be entered by the operator at the content of the c	Hobbls cy					
SIGNATURE January 7, 2004  Waste Management Recipity Authorized Agent  TITLE: Landfarm Manager DATE: January 7, 2004						
TYPE OR PRINT NAME: <u>Landrea Jackson</u> TELEPHONE NO: <u>(505)</u> 632-0615	·					
APPROVED BY: APPRO	1 <u>Engr</u> DATE: 1/16/04 9/5+ DATE: 1-16-4					





#### **BILL RICHARDSON**

Governor Joanna Prukop Cabinet Secretary Lori Wrotenbery Director Oil Conservation Division

### **CERTIFICATE OF WASTE STATUS**

Г	1. Generator Name and Address	2. Destination Name:
1		
-	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):
	Houck #2B	B" Sec 11, T29N, R10W, San Juan County
	attach list of originating sites as appropriate	
	4. Source and Description of Waste	
	Frac water and rust cleaned out of 4 Frac Tanks to	he released to another site
	The water and rust ordined out of 41 the runts to	be released to allottici Site.
T_	Randy Searcy Print Name	representative for :
	Print Name	
	Conoco Ph. 115 ps ation and Recovery Act (RCRA) and Environmental Protection	do horoby, govification according to the D
Conconi	stion and Pacayery Act (PCPA) and Environmental Protection	do hereby certify that, according to the Resource
described	I waste is: (Check appropriate classification)	m Agency, 3 July, 1786, regulatory determination, the above
,	,	
X_EXI	EMPT oilfield wasteNON-EXEM	PT oilfield waste which is non-hazardous by characteristic
	analysis or o	y product identification
and that r	nothing has been added to the exempt or non-exempt non -ha	zardous waste defined above.
For NON	I-EXEMPT waste the following documentation is attached (o	
-	MSDS InformationOt RCRA Hazardous Waste Analysis	her (description
-	Chain of Custody	•
-	Chain of Custody	
This was	te is in compliance with Regulated Levels of Naturally Oc	curring Radioactive Material (NORM) pursuant to 20
	.1 subpart 1403.C and D.	
	Ray December	
Name (O	original Signature): Karely Jeany	
		·
Phane Ni	umber: (505) 555-3468	
D. 4.	HSE Tech  umber: (505) 599-3468  1/7/04	
Date:	7, 7,	

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

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

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# REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: Non-Exempt:	4. Generator: Conoco Phillips
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: Lucerne #1E
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 8, T28N, R11W, San Juan County	Project #96052-071
9. Circle One:	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job.</li> <li>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</li> </ul>	ecessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transp	ort.
BRIEF DESCRIPTION OF MATERIAL:	C. Market
Tank bottoms cleaned from produced water and condensate tank. Tank was for repairs.	s discovered to be leaking and was emptied
CWS attached.	OIL CONTROL OF
Estimated Volume <u>~20bbl</u> cy Known Volume (to be entered by the operator at the	e end of the haul)cy
SIGNATURE SUMMER AND A POLICE LANGER Management Facility Authorized Agent  TITLE: Landfarm Management Facility Authorized Agent	nger DATE: January 7, 2004
TYPE OR PRINT NAME: <u>Landrea Jackson</u> TELEPHONE NO: <u>(505)</u> 632-0615	
(This space for State Use)	117.20 A
APPROVED BY Deny toun TITLE: Enviro / En	gr DATE: 1/6/04



BILL RICHARDSON

Governor Joanma Prukop Cabinet Secretary Lori Wrotenbery
Director
Oil Conservation Division

### CERTIFICATE OF WASTE STATUS

	1. Generator Name and Address	2. Destination Name:		
	Conoco Millers	Envirotech Inc. Soil Remediation Facility		
*	Conoco Philleps 5525 Hwy 64	Landfarm #2		
	Equitation (1) []	874 <sub>D.I.</sub> Hilltop, New Mexico		
į	Farmination. NM 3. Originating Site (name):	0 TO		
	5. Originating Stee(name):	Location of the Waste (Street address &/or ULSTR):		
		"D" Sec 8, T28N, RIW, San Juan		
	ducerne #1E			
	attach list of originating sites as appropri	iate County		
	4. Source and Description of Waste	alaand my Language		
1	Tank was leaker	g, cleaned out for repairs. tank bothoms-produced water+ Condensate		
.	20 hhls-	to ak bothers produced water+		
٠.	at bus	To lancate		
		Condensate		
	^			
l,	Palsy Clugston	representative for:		
Λ				
_(`0	noro Phillips Co	do hereby certify that, according to the Resource		
Conserv	ation and Recovery Act (RCRA) and Envi	ronmental Protection Agency's July, 1988, regulatory determination, the above		
describe	d waste is: (Check appropriate classificati	on)		
XEX	EMPT oilfield waste	NON-EXEMPT oilfield waste which is non-hazardous by characteristic		
/ EA		analysis or by product identification		
and that	nothing has been added to the exempt or	non-exempt non —hazardous waste defined above.		
For NON		tation is attached (check appropriate items):		
•	MSDS Information RCRA Hazardous Waste Analysis	Other (description		
	Chain of Custody			
	Chain of Custody	and the second of the second o		
This was	te is in compliance with Regulated Leve	els of Naturally Occurring Radioactive Material (NORM) pusuant to 20		
	.1 subpart 1403.C and D.	2		
		(1)		
Name (Original Signature): + alex lus				
Title: Klendatory Elnatypt				
V 205 0509 3450				
Phone Number: SOS - STATE - ST				
Date:	1-7-04			
,ale:				

District I 1625 N. French Dr., Hobbs, NM 88240 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 2 Energy Minerals and Natural Resources

Oil Conservation Division 2004 Oil Conservation Division 1220 South St. Francis Division Santa Fe, NM 87505

Form C-138 Revised March 17, 1999

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REQUEST FOR APPROVAL TO ACCEPT SOLIDAVASTE			
RCRA Exempt:      Non-Exempt:      □	4. Generator: Conoco Phillips		
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site: San Juan 32-7 #44		
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" Sec 22, T32N, R7W, San Juan County	Project #96052-069		
9. Circle One:			
<ul> <li>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.</li> <li>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</li> </ul>			
All transporters must certify the wastes delivered are only those consigned for transp	oort.		
BRIEF DESCRIPTION OF MATERIAL:			
Γank bottoms cleaned from flowback tank (sand, frac fluids) so that it can be moved from location.			
CWS attached.			
110 66/			
Estimated Volume _5 _cy Known Volume (to be entered by the operator at the end of the haul)cy			
SIGNATURE And Waste Management Facility Authorized Agent  TITLE: Landfarm Manager DATE: January 2, 2004			
TYPE OR PRINT NAME: <u>Landrea Jackson</u> TELEPHONE NO: <u>(505)</u> 632-0615			
(This space for State Use)  APPROVED BY: TITLE: FILE:  APPROVED BY: TITLE: 440	Engr DATE: 1/06/04 10915 1 DATE: 1-6-4		



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#### **BILL RICHARDSON**

Governor

Joanna Prukop

Cabinet Secretary

JAN 2004 Oil Conse

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS				
1. Generator Name and Address	2. Destination Name No			
ConocoPhillips Company	2. Destination Name: Environment Soil Remediation Facility			
5525 Highway 64	Landfarm #2			
Farmington, NM 87401	Hilltop, New Mexico			
	Py and a second			
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):			
San Juan 32-1 #44 20-045-71379				
I like by sec. cc, 1 sch, c to like Est & 1000 c.				
attach list of originating sites as appropriate				
4. Source and Description of Waste				
5 cy tank bottoms from flowback tank (sand, frac				
of rate whoms from the flowback tark (sand, trac				
· + (mas)				
Monica D. Olson	representative for :			
Print Name				

Monica	D Olson	representative for :
Print Name		
ConocoPhil/lips		do hereby certify that, according to the Resource
Conservation and Recovery Act (RCRA) escribed waste is: (Check appropriate cl	and Environmental Protection Agency's lassification)	s July, 1988, regulatory determination, the above
EXEMPT oilfield waste	NON-EXEMPT oilfield analysis or by product	l waste which is non-hazardous by characteristic identification
id that nothing has been added to the ex	cempt or non-exempt non -hazardous wa	aste defined above.
or NON-EXEMPT waste the following  MSDS Information  RCRA Hazardous Waste Ana  Chain of Custody	Other (descrip	
is waste is in compliance with Regula IAC 3.1 subpart 1403.C and D.	nted Levels of Naturally Occurring Ra	dioactive Material (NORM) pursuant to 20
me (Original Signature):	rica D. Olson	
1e: HSE à Rogulat	ory Technician	-
te: 1-2-1	04	•