NM1-10-A

C-138

Date: 2000

Tierra Land Farm

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe. NM 87505

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 2040 South Pacheco 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

TEQUESTION THE TO THE SERVICE			
1. RCRA Exempt: Non-Exempt:	4. Generator Basin Disposal		
Verbal Approval Received: Yes No	5. Originating Site Basin Disposal		
2. Management Facility Destination Tierra Land farm	6. Transporter Triple 5 Trucking		
3. Address of Facility Operator 420 CR 3100 AZTEC	8. State NM		
7. Location of Material (Street Address or ULSTR) Basin Disposal			
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 transpo	rt.		
BRIEF DESCRIPTION OF MATERIAL:	•		
Tank Bottom (studge)	FEB 2001 RECEIVED RECEIVED RECEIVED RECEIVED RECEIVED RECEIVED RECEIVED		
Estimated Volume 12 60 BBI Sy Known Volume (to be entered by the operation)	tor at the end of the haul)cy		
SIGNATURE Waste Management Facility Authorized Agent TITLE: Landfur	m manager DATE: 12,27,00		
TYPE OR PRINT NAME: Jon (5. Nobis telephone no. 334-8894			
(This space for State Use)	t		
APPROVED BY: Domy Frend TITLE: Geolog	DATE: 2/16/04		
APPROVED BY: Herf TITLE: geolog	0/5 T DATE: 2-16-01		

1. Generator Name and Address:	2. Destination Name:
BASIN DISPOSA	Terrin Land FARM
,	
3. Originating Site (name): /	Location of the Waste (Street address &/or ULSTR):
BASIN DiggosA	Bloom Field NM
1 2 9 11	
	Sloom Sield Nit
Attach list of originating sites as appropriate	1475767
4. Source and Description of Waste	
TANK Bolloms	FEB 2001 RECEIVED 22 COLOCAL EXT
11011001	RECEIVED R
·	to or oan end si
	LE COT. 8
	165 mm 2012
	CICACO
. II have WishRibes	representative for:
1. Jumy VIBRAUS (Print Name)	representative to:
	do hereby certify that
according to the Resource Conservation and Rec	covery Act (RCRA) and Environmental Protection Agency's July
1988, regulatory determination, the above descri	bed wasta is: (Check appropriate classification)
EXEMPT oilfield waste NON-E	EXEMPT oilfield waste which is non-hazardous by characteristic
· ·	sis or by product identification
dildiyo	of 2, product termination
and that nothing has been added to the exempt of	or non-exempt non-hazardous waste defined above.
	ocumentation is attached (check appropriate items):
MSDS Information	Other (description):
RCRA Hazardous Waste Analys Chain of Custody	ıs
Critish of Challed	
11	
Name (Original Signature):	Burnel
Title: Plant MMMAREV	
TITIA: / //7/// ////////////////////////////	

District I
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District IV
2040 South Pacheco, Santa Fe. NM 87505

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State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 2040 South Pacheco 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 S	SOLID WASTE
1. RCRA Exempt: Non-Exempt:	4. Generator Buillneyton Resources Renere Benale
Verbal Approval Received: Yes No	5. Originating Site Central tank Battery # 3
2. Management Facility Destination Tierra Landform 420 CR 3100 A Ttec NM 87410	6. Transporter Three Rivers
3. Address of Facility Operator 410 CR 3100 Attec Nm 87410	8. State NM
7. Location of Material (Street Address or ULSTR) Central Tank Battery	
9. <u>Circle One</u> :	
 A. All requests for approval to accept oilfield exempt wastes will be accompanied by a one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessarial is not-hazardous and the Generator's certification of origin. No waste class approved 	essary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transpo	rt.
BS & W Judge	FEB 2001 RECLESSION DAY DOTS SOLUTION COLUMN
Estimated Volume 240 BB/5 Known Volume (to be entered by the operation)	tor at the end of the haul)cy
SIGNATURE Waste Management Facility Authorized Agent TITLE: Land For	m onungger DATE: 127,00
TYPE OR PRINT NAME: Jon G. Nobis TELEP	HONE NO. 334 8894
(This space for State Use)	
APPROVED BY: TITLE: Geologic TITLE: Geologic TITLE: Geologic	DATE: 2//6/0/
APPROVED BY: TITLE: geologi	DATE: 2-16-01

OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE 1000 RIG BRAZOS ROAD AZTEC, NEW MEXICO 87410 (508) 334-6178 Fax (505)334-6171

GARY E. JOHNSON COVERNOR

JENNIFER A. SALISBURY
CABINET SECRETARY

	2. Destination Name:
Burlington Resources	
3401 East 30th Street	Tierra
Farmington, NM 87401	
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
Central Tank Battery #3	Central Tank Battery #3
Unit	t: M Section: 22 Township: 30N Range: 6W
Attach list of originating sites as appropriate	3 13 14 15 76
4. Source and Description of Waste	
BS&W Sludge	SO FEB 2001 RECEIVED R
	MECEIVED 3
•	The state of the s
•	CAR on 200 Land
Renae Be <u>val</u> e	representative for:
(Print Name)	
Rurlington Resources	do hereby certify that,
according to the Resource Conservation and Recoven 1988, regulatory determination, the above describe	very Act (RCRA) and Environmental Protection Agency's July, of waste is: (Check appropriate classification)
	EMPT oilfield waste which is non-hazardous by characteristic
	EMPT oilfield waste which is non-hazardous by characteristic or by product identification
analysis	or by product identification
analysis	or by product identification
	or by product identification non-exempt non-hazardous waste defined above. ntation is attached (check appropriate items):
analysis and that nothing has been added to the exempt or For NON-EXEMPT waste the following document MSDS Information	or by product identification non-exempt non-hazardous waste defined above. ntation is attached (check appropriate items): Other (description):
analysis and that nothing has been added to the exempt or For NON-EXEMPT waste the following documer MSDS Information RCRA Hazardous Waste Analysis	or by product identification non-exempt non-hazardous waste defined above. ntation is attached (check appropriate items): Other (description):
analysis and that nothing has been added to the exempt or For NON-EXEMPT waste the following document model in the matter of the exempt or t	or by product identification non-exempt non-hazardous waste defined above. ntation is attached (check appropriate items): Other (description):
analysis and that nothing has been added to the exempt or For NON-EXEMPT waste the following documer MSDS Information RCRA Hazardous Waste Analysis Chain of Custody	or by product identification non-exempt non-hazardous waste defined above. ntation is attached (check appropriate items): Other (description):
analysis and that nothing has been added to the exempt or For NON-EXEMPT waste the following documer MSDS Information RCRA Hazardous Waste Analysis Chain of Custody This waste is in compliance with Regulated Levels	or by product identification non-exempt non-hazardous waste defined above. ntation is attached (check appropriate items): Other (description):
analysis and that nothing has been added to the exempt or For NON-EXEMPT waste the following documer MSDS Information RCRA Hazardous Waste Analysis Chain of Custody This waste is in compliance with Regulated Levels	or by product identification non-exempt non-hazardous waste defined above. ntation is attached (check appropriate items): Other (description):
analysis and that nothing has been added to the exempt or For NON-EXEMPT waste the following documer MSDS Information RCRA Hazardous Waste Analysis Chain of Custody	or by product identification non-exempt non-hazardous waste defined above. ntation is attached (check appropriate items): Other (description):
analysis and that nothing has been added to the exempt or For NON-EXEMPT waste the following documer MSDS Information RCRA Hazardous Waste Analysis Chain of Custody This waste is in compliance with Regulated Levels of to 20 NMAC 3.1 subpart 1403.C and D.	or by product identification non-exempt non-hazardous waste defined above. ntation is attached (check appropriate items): Other (description):
analysis and that nothing has been added to the exempt or For NON-EXEMPT waste the following documer MSDS Information RCRA Hazardous Waste Analysis Chain of Custody This waste is in compliance with Regulated Levels	or by product identification non-exempt non-hazardous waste defined above. ntation is attached (check appropriate items): Other (description):
analysis and that nothing has been added to the exempt or For NON-EXEMPT waste the following documer MSDS Information RCRA Hazardous Waste Analysis Chain of Custody This waste is in compliance with Regulated Levels of to 20 NMAC 3.1 subpart 1403.C and D.	or by product identification non-exempt non-hazardous waste defined above. ntation is attached (check appropriate items): Other (description):
analysis and that nothing has been added to the exempt or For NON-EXEMPT waste the following documer MSDS Information RCRA Hazardous Waste Analysis Chain of Custody This waste is in compliance with Regulated Levels of to 20 NMAC 3.1 subpart 1403.C and D. Name (Original Signature):	or by product identification non-exempt non-hazardous waste defined above. ntation is attached (check appropriate items): Other (description):

District I 1625 N. French Dr., Hobbs, NM 88240 District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 2040 South Pacheco Santa Fe, NM 87505

Form C-138 Revised March 17, 1999

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REQUEST FOR APPROVAL TO ACCEPT	
1. RCRA Exempt: Non-Exempt:	4. Generator Burlington Resource
Verbal Approval Received: Yes No	5. Originating Site Valverda Plant
2. Management Facility Destination Land farm Tierra Environment	6. Transporter Riles
3. Address of Facility Operator 420 CR 3100 Actec NM 87401	8. State NM
7. Location of Material (Street Address or ULSTR) Resource Val Verde Plant	
9. <u>Circle One</u> :	
 A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by ne material is not-hazardous and the Generator's certification of origin. No waste class approved 	cessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transport	rt.
BRIEF DESCRIPTION OF MATERIAL: Charcoal Filters	
188 J. S.	FEB 2001 REC
Estimated Volumecy Known Volume (to be entered by the open	ator at the end of the haul)ey
SIGNATURE Waste Management Facility Authorized Agent TITLE: Lan I Society Waste Management Facility Authorized Agent	n Manager DATE: 12,13,00
	HONE NO. 334-8894
(This space for State Use)	
APPROVED BY: North TITLE: Geolog APPROVED BY: North TITLE: Geolog	DATE: 2/15/01
APPROVED BY: New TITLE: Used 109	15V DATE: 2116101

GARY E. JOHNSON
GOVERNOR

OIL GONSERVATION DIVISION AZTEC DISTRICT OFFICE 1000 RIG BRAZOS ROAD AZTEC, NEW MEXICO 87410 (508) 334-6178 Fax (505)334-6178

JENNIFER A. SALISBURY
CABINET SECRETARY

	2. Destination Name:
Burlington Resources	Tierra
3401 East 30th Street . Farmington, NM 87401	
rarmington, Nr 8/401	
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
Val Verde Plant	Val Verde Plant
Unit:	SE Section:11 Township:29N Range:11W
	CO 13 14 15 700
Attach list of originating sites as appropriate 4. Source and Description of Waste	
4. Source and Description of Waste	FEB 2001
Changing charcoal filters.	RECENT S
•	
	Par Dort. S
	(C)
•	1505 62 82 Const
Henry Humada	representative for:
(Print Name) BUrlington Resources	do hereby certify that,
·	
X EXEMPT oilfield waste NON-	EXEMPT oilfield waste which is non-hazardous by characteristic
X EXEMPT oilfield waste NON-	-EXEMPT oilfield waste which is non-hazardous by characteristic rsis or by product identification
X EXEMPT oilfield waste NON-analy	EXEMPT oilfield waste which is non-hazardous by characteristic
X EXEMPT oilfield waste NON- analy and that nothing has been added to the exempt For NON-EXEMPT waste the following documents of the exempt waste the following documents on the exempt waste waste which waste and the exempt waste	EXEMPT oilfield waste which is non-hazardous by characteristic visis or by product identification or non-exempt non-hazardous waste defined above. mentation is attached (check appropriate items): Other (description):
X EXEMPT oilfield waste NON- analy and that nothing has been added to the exempt For NON-EXEMPT waste the following document of the exempt waste the following document of the exempt waste Analy MSDS Information RCRA Hazardous Waste Analy	EXEMPT oilfield waste which is non-hazardous by characteristic visis or by product identification or non-exempt non-hazardous waste defined above. mentation is attached (check appropriate items): Other (description):
analy and that nothing has been added to the exempt For NON-EXEMPT waste the following docu- MSDS Information	EXEMPT oilfield waste which is non-hazardous by characteristic visis or by product identification or non-exempt non-hazardous waste defined above. mentation is attached (check appropriate items): Other (description):
X EXEMPT oilfield waste NON- analy and that nothing has been added to the exempt For NON-EXEMPT waste the following document of the exempt waste the following document of the exempt waste Analy— Chain of Custody	EXEMPT cilfield waste which is non-hazardous by characteristic visis or by product identification or non-exempt non-hazardous waste defined above. mentation is attached (check appropriate items): Other (description):
X EXEMPT oilfield waste NON-analy and that nothing has been added to the exempt For NON-EXEMPT waste the following document of the exempt waste the following document of the exempt waste Analy Chain of Custody This waste is in compliance with Regulated Level	EXEMPT cilfield waste which is non-hazardous by characteristic visis or by product identification or non-exempt non-hazardous waste defined above. mentation is attached (check appropriate items): Other (description):
EXEMPT oilfield waste NON- analy and that nothing has been added to the exempt For NON-EXEMPT waste the following documents of the exempt waste Analy Chain of Custody This waste is in compliance with Regulated Level	EXEMPT cilfield waste which is non-hazardous by characteristic visis or by product identification or non-exempt non-hazardous waste defined above. mentation is attached (check appropriate items): Other (description):
EXEMPT oilfield waste NON- analy and that nothing has been added to the exempt For NON-EXEMPT waste the following document of the exempt waste Analy Chain of Custody	EXEMPT cilfield waste which is non-hazardous by characteristic visis or by product identification or non-exempt non-hazardous waste defined above. mentation is attached (check appropriate items): Other (description):
EXEMPT oilfield waste NON- analy and that nothing has been added to the exempt For NON-EXEMPT waste the following documents of the exempt waste the following document of the exempt waste analy chain of Custody This waste is in compliance with Regulated Level to 20 NMAC 3.1 subpart 1403.C and D.	EXEMPT oilfield waste which is non-hazardous by characteristic visis or by product identification or non-exempt non-hazardous waste defined above. mentation is attached (check appropriate items): Other (description): visis els of Naturally Occurring Radioactive Material (NORM) pursuan
X EXEMPT oilfield waste NON- analy and that nothing has been added to the exempt For NON-EXEMPT waste the following document of the exempt waste the following document of the exempt waste Analy Chain of Custody This waste is in compliance with Regulated Level	EXEMPT oilfield waste which is non-hazardous by characteristic visis or by product identification or non-exempt non-hazardous waste defined above. mentation is attached (check appropriate items): Other (description): visis els of Naturally Occurring Radioactive Material (NORM) pursuan
EXEMPT oilfield waste NON- analy and that nothing has been added to the exempt For NON-EXEMPT waste the following documents of the matter of the exempt of the exe	EXEMPT oilfield waste which is non-hazardous by characteristic visis or by product identification or non-exempt non-hazardous waste defined above. mentation is attached (check appropriate items): Other (description): visis els of Naturally Occurring Radioactive Material (NORM) pursuant
EXEMPT oilfield waste NON- analy and that nothing has been added to the exempt For NON-EXEMPT waste the following documents of the matter of the matter of the exempt waste analy chain of Custody This waste is in compliance with Regulated Level to 20 NMAC 3.1 subpart 1403.C and D. Name (Original Signature):	EXEMPT cilfield waste which is non-hazardous by characteristic visis or by product identification or non-exempt non-hazardous waste defined above. mentation is attached (check appropriate items): Other (description): visis els of Naturally Occurring Radioactive Material (NORM) pursuan

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State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 2040 South Pacheco 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 Key Energy		
Verbal Approval Received: Yes No	5. Originating Site Canada Qi itos #19 (14A)		
2. Management Facility Destination Tierra Land Farm	6. Transporter 5con+ Hot wash		
3. Address of Facility Operator 420 CR 3100 AZTEC NM	8. State NM		
7. Location of Material (Street Address or ULSTR) Key Energy Canada of itos #19 (14)			
9. <u>Circle One</u> :			
 A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator: one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved 			
All transporters must certify the wastes delivered are only those consigned for transport	rt.		
Estimated Volume 50 bb/s cy Known Volume (to be entered by the opera	DEC 2000 TOTAL STATE OF THE PROPERTY OF THE P		
SIGNATURE Waste Management Facility Authorized Agent TYPE OR PRINT NAME: Jon G. Nob, S TELEPH			
APPROVED BY: APPROVED BY: APPROVED BY: Hayh TITLE: Globa	DATE: 12/11/00 DATE: 12/11/00 DATE: 12/11/00		

Generator Name and Address:	2. Destination Name:
BMG	TIERRA LANDFARM
	·
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
CANADA 011+05 #19 (14	A)
Attach list of originating sites as appropriate	
4. Source and Description of Waste	
Deilling mus mixed with he	SED CEMEA) T AND
DRILLING MUD MIXED with W SMALL AMOUNT OF WATER	Y 11 12
SHALL HANDON OF WATER	506615
1, Wesky Roundfree (Print Name)	representative for:
(Print Name)	do hereby certify that,
	ory Act (RCRA) and Environmental Protection Agency's July,
1988, regulatory determination, the above described	waste is: (Check appropriate classification)
	MPT oilfield waste which is non-hazardous by characteristic
analysis o	r by product identification
and that nothing has been added to the exempt or no	on-exempt non-hazardous waste defined above.
For NON-EXEMPT waste only the following documents of MSDS Information — MSDS Information — RCRA Hazardous Waste Analysis — Chain of Custody	mentation is attached (check appropriate items): Other (description):
Name (Original Signature): Goting agent A	or BMG - Wesley Rountlee
Title: Tool Pusher	
Date: 12-5-2078)	

NN: 8624 - 760 ± II - (505) 748-1283 . NM 88210 <u>III</u> - (505) 334-6178 io Brazos Road

is space for State Use)

PROVED BY:

NM 87410

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

white care and wathran wesomices to charring

Plus I. Co. District Offi

·IV - (505) 827-7131

	the provide Mostler and Market and
REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE
RCRA Exempt: Non-Exempt:	4. Generator Rul (Ludar
Verbal Approval Received: Yes 🔲 No 🔀	5. Originating Site Arkansas Low
Management Facility Destination Terra Land Farm	6. Transporter Riley
Address of Facility Operator 410 CR 3100 Aztec	8. State MM
Location of Material (Street Address or ULSTR)	
Circle One:	
All requests for approval to accept oilfield exempt wastes will be accommodated Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accommodated the material is not-hazardous and the Generator's certification listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned.	ompanied by necessary chemical anaivsis to not origin. No waste classified nazardous by
IEF DESCRIPTION OF MATERIAL:	
Charcoal Filters Media	
CI ME CO	DEC 2000 PECEIVED DIST. SOLVED DIST. SOLVED DIST. SOLVED
mated Volume 12,000 155, cy Known Volume (to be entered by the ope	erator at the end of the haul)
NATURE: TITLE: ENTONMENT FALILITY AUTHORIZED AGENT E OR PRINT NAME: Teverny U Bath TELL	DATE 12/8/00 EPHONE NO. 334-8894

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

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

X	The mater waste by d	•	ause it is classified as non-hazardous
	The mater	ial is exempt from regulation by	characteristic analyses
	This mater	rial is exempt from regulation by	product identification
Asar	•	ve for the Bureau of Indian Affair New Mexico.	s, I have no objection to the material
	NAME:	Kenneth J. Young	TITLE: Acting Superintendent
SIC	GNATURE:	fulle of yours	DATE: /////00
	AGEN	NCY: Bureau of Indian Affairs, S	Southern Ute Agency
	ADDRE	ESS: P.O. Box 315, Ignacio, CC	81137
	DUC	NE: 1070\ 563 4544	•

1. Generator Name and Address: Red Cedar Gathering	2. Destination Name and Address: Tierra Environmental Co., Inc., Land Farm
26266 Highway 160	420 Road 3100
Durango, CO 81303	Aztec, NM 87410
3. Originating Site (name)	
Arkansas Loop Natural Gas tr	eating facility at Sec. 36 of T32 R9
4. Source and Description of Was	te:
	r Media - Approximately 6,000 lbs.
Plant Two - Spend Carbon Fil	ter Media - Approximately 6,000 lbs.
·	
according to the Resource Conservation	or Red Cedar Gathering do hereby certify that, vation and Recovery Act (RCRA) and the July 1998 regulatory determination, the above-licated below:
NON-EXEMPT oilfield waste	which is non-hazardous by characteristic analysis nd that nothing has been added to the exempt or waste defined above.
For NON-EXEMPT waste only, the	following documentation is attached:
MSDS Information	
Other (Description):	
RCRA Hazardous Waste An	alvsis
Chain of Custody	
,	h /
Name (Original Signature): X	theher.
	y & Environmental Manager
	ber 29, 2000
<u></u>	

O. Box 1980 obbs. NM 88241-1980 <u>istrict II</u> - (505) 748-1283 11 S. First rtesia, NM 88210 *-trict III - (505) 334-6178

istrict IV - (505) 827-7131

7 Rio Brazos Road

_.c, NM 87410

Energy N

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

artment

Submit Origina: Plus I Čopy to appropriate

District Office

orm -138

Originated 3/8/9]

REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE
1. RCRA Exempt: Non-Exempt:	4. Generator Burlington
Verbal Approval Received: Yes 🔀 No 🔲	5. Originating Site Valveide Plant
2. Management Facility Destination Tierra land farm	6. Transporter Rilen
3. Address of Facility Operator 420 CR 3100 AZFec NM 87410	8. State NM
7. Location of Material (Street Address or ULSTR) Ua) nesde Plant	
9. <u>Circle One</u> :	
 A. All requests for approval to accept oilfield exempt wastes will be accepted. B. All requests for approval to accept non-exempt wastes must be accepted. PROVE the material is not-hazardous and the Generator's certification listing or testing will be approved. 	ompanied by necessary chemical analysis to
All transporters must certify the wastes delivered are only those consigned	d for transport.
BRIEF DESCRIPTION OF MATERIAL:	
Charcoal Filters	DEC 2000 DEC 2000 RECEIVED OIL DIST. 3
Estimated Volume cy Known Volume (to be entered by the ope	
SIGNATURE: Wasse Management Facility Authorized Agent TITLE: board tarm	Manager DATE: 11,29,00
TYPE OR PRINT NAME: Jan G. Mahis TEL	EPHONE NO. <u>334 -8894</u>
(This space for State Use)	1401ct - 15/0/20

OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE 1000 RIO BRAZOS ROAD AZTEC, NEW MEXICO 87410 (506) 334-6178 Fax (505)334-6171

JENNIFER A. SALISBURY CABINET SECRETARY

GARY E. JOHNSON GOVERNOR

1. Generator Name and Address:	2. Destination Name:
Burlington Resources	
3401 E. 30th Street	Tierra
Farmington, NM 87401	
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
Val Verde Plant	Val Verde Plant
u verde rrane	Jnit: SE Section: 11 Township: 29N Range: 11W
Attach list of originating sites as appropriate	
4. Source and Description of Waste	
	·
Changing charcoal filters.	•
•	
•	
Henry H <u>umada</u>	representative for:
(Print Name)	
Burlington Resource Conservation and I 1988, regulatory determination, the above des	Recovery Act (RCRA) and Environmental Protection Agency's July
according to the Resource Conservation and I 1988, regulatory determination, the above des X EXEMPT oilfield wasteNO	Recovery Act (RCRA) and Environmental Protection Agency's July
according to the Resource Conservation and follows: X EXEMPT oilfield waste NO ana	Recovery Act (RCRA) and Environmental Protection Agency's July, scribed waste is: (Check appropriate classification) N-EXEMPT cilfield waste which is non-hazardous by characteristic alysis or by product identification
according to the Resource Conservation and It 1988, regulatory determination, the above des X EXEMPT oilfield waste NO analysis and that nothing has been added to the exemption.	Recovery Act (RCRA) and Environmental Protection Agency's July, scribed waste is: (Check appropriate classification) N-EXEMPT oilfield waste which is non-hazardous by characteristic alysis or by product identification pt or non-exempt non-hazardous waste defined above. cumentation is attached (check appropriate items): Other (description):
Eccording to the Resource Conservation and It 1988, regulatory determination, the above des X EXEMPT oilfield waste NO and that nothing has been added to the exempter of NON-EXEMPT waste the following doc MSDS Information RCRA Hazardous Waste Ana Chain of Custody This waste is in compliance with Regulated Level 1988.	Recovery Act (RCRA) and Environmental Protection Agency's July scribed waste is: (Check appropriate classification) IN-EXEMPT dilfield waste which is non-hazardous by characteristic alysis or by product identification pt or non-exempt non-hazardous waste defined above. cumentation is attached (check appropriate items): Other (description):
Executing to the Resource Conservation and It 1988, regulatory determination, the above des X EXEMPT oilfield waste NO and that nothing has been added to the exempter of NON-EXEMPT waste the following doc MSDS Information RCRA Hazardous Waste Ana Chain of Custody This waste is in compliance with Regulated Letto 20 NMAC 3.1 subpart 1403.C and D.	Recovery Act (RCRA) and Environmental Protection Agency's July scribed waste is: (Check appropriate classification) IN-EXEMPT oilfield waste which is non-hazardous by characteristic alysis or by product identification pt or non-exempt non-hazardous waste defined above. cumentation is attached (check appropriate items): Other (description): alysis ovels of Naturally Occurring Radioactive Material (NORM) pursuant
Executing to the Resource Conservation and It 1988, regulatory determination, the above des X EXEMPT oilfield waste NO and that nothing has been added to the exempter of NON-EXEMPT waste the following doc MSDS Information RCRA Hazardous Waste Ana Chain of Custody	Recovery Act (RCRA) and Environmental Protection Agency's July scribed waste is: (Check appropriate classification) IN-EXEMPT oilfield waste which is non-hazardous by characteristic alysis or by product identification pt or non-exempt non-hazardous waste defined above. cumentation is attached (check appropriate items): Other (description): alysis ovels of Naturally Occurring Radioactive Material (NORM) pursuant
Executing to the Resource Conservation and It 1988, regulatory determination, the above des X EXEMPT oilfield waste NO and that nothing has been added to the exempter of NON-EXEMPT waste the following document of MSDS Information RCRA Hazardous Waste Ana Chain of Custody This waste is in compliance with Regulated Letto 20 NMAC 3.1 subpart 1403.C and D.	Recovery Act (RCRA) and Environmental Protection Agency's July scribed waste is: (Check appropriate classification) IN-EXEMPT oilfield waste which is non-hazardous by characteristic alysis or by product identification pt or non-exempt non-hazardous waste defined above. cumentation is attached (check appropriate items): Other (description): alysis ovels of Naturally Occurring Radioactive Material (NORM) pursuant

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 2040 South Pacheco 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

REQUEST FOR AFFROVAL TO ACCE	I SOLID WASTE			
RCRA Exempt: Non-Exempt:	4. Generator Builington			
Verbal Approval Received: Yes No	5. Originating Site SWD4			
2. Management Facility Destination Tierra land farm	6. Transporter Three Rivers			
3. Address of Facility Operator 420 CR 3100 AZtec N 87410	8. State N M			
7. Location of Material (Street Address or ULSTR) Bearling for MCGra- 520 4	th			
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 tra	ansport.			
BRIEF DESCRIPTION OF MATERIAL:				
Tank Bottom				
	DEC 2000 RECEIVE OIL CON DIV			
Estimated Volume 240 b/s cy Known Volume (to be entered by the operator at the end of the haul)cy				
Waste Management Facility Authorized Agent	fares isranay of DATE: 11,29,60			
TYPE OR PRINT NAME: $\int_{Oh} G \mathcal{N}_{ob} / 3$ TE	ELEPHONE NO334. 8894			
(This space for State Use)				
APPROVED BY: Deny Fam TITLE: Geola	5/5/ DATE: 12/5/00			
APPROVED BY:TITLE:	DATE:			

OIL SONSERVATION DIVISION AZTEG DISTRICT OFFICE 1000 RIG BRAZOS ROAD AZTEC, NEW MERICO 87410 (906) 334-6178 Fax (905)334-6176

JENNIFER A. SALISBURY CABINET SECRETARY

GARY E. JOHNSON COVERNOR

. Generator Name and Address:	2. Destination Name:
Burlington Rescurces	
3401 East 30th Street	Tierra
Farmington, NM 87401	Mary Mary and the State of the
. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
McGrath SWD #4	McGrath SWD #4 Unit: SW Section: 34 Township: 30N Range: 12W
Attach list of originating sites as appropriate. 4. Source and Description of Wasts	
Tank Bottoms	
TAILE DOLLOWS	{
•	
Steve Florez	representative for:
Print Na Burlington Res	
1988, regulatory determination, the abo	and Recovery Act (RCRA) and Environmental Protection Agency's July, ve described waste is: (Check apprepriate classification)
1988, regulatory determination, the abo 	ve described waste is: (Check appropriate electification) NON-EXEMPT cliffield waste which is non hoperdous by characteristic analysis or by product identification
1988, regulatory determination, the abo	WON-EXEMPT cillicial waste which is non hoperdour by characteristic analysis or by product identification
See regulatory determination, the about EXEMPT oilfield wosts and that nothing has been added to the	NON-EXEMPT cillicial waste which is non hoperdour by characteristic analysis or by product identification exempt or non-exempt with hazardous waste defined obove. Other (description):
EXEMPT oilfield woste and that nothing has been added to the For NON-EXEMPT waste the following MSDS Information RCRA Hazardous Was Chain of Fundants This waste is in compliance with Regula	NON-EXEMPT cillicks waste which is non hoppedous by characteristic analysis or by product identification exempt or non-exempt with hazardaus waste defined above. To documentation is attached (check appropriate items): Other (description): to Analysis tod Levels of Naturally Occurring Radioactive Material (NORM) pursuant
EXEMPT oilfield woste and that nothing has been added to the For NON-EXEMPT waste the following MSDS Information RCRA Hazardous Was Chain of Fundadus This waste is in compliance with Regulate 20 NMAC 3.1 subport 1403.C and D	NON-EXEMPT cillickly waste which is non hoperdous by characteristic analysis or by product identification exempt or non-exempt in hazzardous waste defined obove. The documentation is attached (check appropriate items): Other (description): The Analysis Tool Levels of Naturally Occurring Radinactive Material (NORM) pursuant
EXEMPT oilfield woste and that nothing has been added to the For NON-EXEMPT waste the following MSDS Information RCRA Hazardous Was Chain of Fundadus This waste is in compliance with Regulate 20 NMAC 3.1 subport 1403.C and D	NON-EXEMPT cillicial waste which is non hoperdouc by characteristic analysis or by product identification exempt or non-exempt in hazzardous waste defined obave. The documentation is attached (check appropriate items): Other (description): The Analysis To Levels of Naturally Occurring Radinactive Material (NORM) pursuant
EXEMPT oilfield wasta and that nothing has been added to the For NON-EXEMPT waste the following MSDS Information RCRA Hazardous Was Chain of Purchaster This waste is in compliance with Regulate 20 NMAC 3.1 subport 1403.C and D Name (Original Signature):	NON-EXEMPT cilificial wasts which is non hospidous by characteristic analysis or by product identification exempt or non-exempt with hazardaus wasts defined above. The documentation is attached (check appropriate items): Other (description): The Analysis Tod Lavels of Naturally Occurring Radinactive Material (NORM) pursuant

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 2040 South Pacheco Santa Fe, NM 87505 Form C-138 Revised March 17, 1999

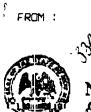
Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

REQUEST FOR APPROVAL TO ACCEPT S	SOLID WASTE				
RCRA Exempt: Non-Exempt: Verbal Approval Received: Yes No	4. Generator Wayne Stermefeild 5. Originating Site Location 53-28-7 #55				
2. Management Facility Destination Tierra Jandfarm	6. Transporter 5 CQT Hat wash				
3. Address of Facility Operator 420 CR 3100 AThe Nm. 87410	8. State \mathcal{M}				
7. Location of Material (Street Address or ULSTR) Coneco					
 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:					
Flow back waste from Wo Drilling Mud	DEC 2000 DEC 20				
Estimated Volume					
SIGNATURE Waste Management Facility Authorized Agent TITLE: Land fam	manager DATE: 11,30 00				
TYPE OR PRINT NAME: Ton G, Nobis telepi	HONE NO. 334-8894				
(This space for State Use)					
APPROVED BY: Deputy James TITLE: Gelogis	DATE: 12/5/00				
APPROVED BY: fent TITLE: geolog	DATE: 12-5-00				

FAX NO. :

60. 30 2000 09:06AM P1



NEW MEXICO ENERGY, MINERALS

A. NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE 1888 BIN 681 1886 BR 18 AZTEC NOW MEXICO OFFI (406) 334-6178 FOX (505) 334-617

GARY E. JOHNSON

JENNIFER A. SALISBURY CABINET SECRETARY

Generator Name and Address:	2. Destination Name:
CONOCO INC.	TICERA Environ Mental Land
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
3538-7\$ 55	Sown to trucking yard.
Attach list of originating situs as appropriate	
4. Source and Description of Waste	Total 40661s
Flowback ; WASTE. F	YUM Well 2066 - Rusty Kc/ Wto From Bounhole twater
1. WAYNE ShowEFIELD (Print Name)	do hereby cartify that,
1988, regulatory determination, the above described	ribed waste is: (Check appropriate classification)
	-EXEMPT oilfield waste which is non-hazardous by characteristic sis or by product identification
	or non-exempt non-hazardnus waste defined above. mentation is attached (check appropriate items): Other (description):
This waste is in compliance with Regulated Lave to 20 NMAC 3.1 subpart 1403.C and D.	ale of Naturally Occurring Radioactive Material (NORM) pursuant
Name (Original Signature):	mftt.
Date:	

P.O. Box 1980 Hobbs, NM 88241-1980 District II - (505) 748-1283 811 S. First Artesia, NM 88210

D'-trict III - (505) 334-6178

District IV -- (505) 827-7131

APPROVED BY:

Ric Brazos Road

د.c, NM 87410

Energy N

ew exico rals and Natural Resources D Oil Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

Originated 8/8/95 rtment

> Submit Original Plus 1 Copy to appropriate District Office

orm -1 8

REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE 0070			
1. RCRA Exempt: Non-Exempt:	4. Generator Canaca Tro, NG \$1			
Verbal Approval Received: Yes No No	5. Originating Site San Juan Plant			
2. Management Facility Destination Tierra land Farm	6. Transporter Rilec			
3. Address of Facility Operator 7920 C.R. 3100 Aztec	8. State New Mexico			
7. Location of Material (Street Address or ULSTR Conoco TN & P	San Joan Gos Plant #61 CR 4900 BloomFlield NM			
9. Circle One:				
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:	·			
Sulfa Check - Has Treating-scrabbing 1.	iguid			
Champion - Gas Treet, 107 OCT 2000 RECE OIL CON DIV DIST. 3 Estimated Volume — COBb/s cy Known Volume (to be entered by the open statement Facility Authorized Agent TITLE CONTEXTS)	CARIL-			
(This space for State Use)				

TITLE: Grealogies

1. Generator Name and Address:	2. Destination Name:
Conoco IncNG&GP	Tierra Environmental Co., Inc.
San Juan Gas Plant	Tierra Land Farm Facility
61 CR 4900	420 CR 3100
Bloomfield, NM 87413	Aztec, San Juan County NM 87410
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
Same As Above (Generator)	· ·
Attach list of originating sites as appropriate	
4. Source and Description of Waste	
Sulfa Check System - H2S treating/scr	ubbing liquid
Champion - Gas Treat 102	
	·
	•
For the month of Octobe	\mathbb{C}_{V}
	and an analysis of a si
Richard R. Theander	representative for:
(Print Name)	de hereby earlify that
Conoco, Inc. NG&GP, San Juan Gas Plan	t do hereby certify that, ary Act (RCRA) and Environmental Protection Agency's July,
1988, regulatory determination, the above described	
1300, regulatory determination, the above described	Waste is. (Check appropriate classification)
	MPT oilfield waste which is non-hazardous by characteristic r by product identification
and that nothing has been added to the exempt or no	nevenut non-hazardous waste defined shove
and that fielding has been added to the exempt of the	TO CAST INC. THE COURT OF THE C
For NON-EXEMPT waste only the following docum _X MSDS Information RCRA Hazardous Waste Analysis Chain of Custody	nentation is attached (check appropriate items): Other (description):
Name (Original Signature): Elichard Ex Mainten ance Title: Process Foreman Date: 10-13-00	? Theander — Cleaning the — sump ve seel and
	d vain c

District I - (505) 393-6161 P. O. Box 1980 Hobbs, NM 88241-1980 - (205) 748-1283

New Mexico
Energy Numerals and Natural Resources Department
Oil Conservation Division

(505) 827-7131

Oil Conservation Division

2040 South Pacheco Street
Santa Fe, New Mexico 87505

Form C-138 Originated 8/8/95

and the second second

Submit Original Plus 1 Copy to appropriate District Office

311 S. First a, NM 88210 trict III - (505) 334-6178 Rio Brazos Road ...c, NM 87410 - (505) 827-7131

APPROVED BY:

APPROVED BY:

REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE OOC
1. RCRA Exempt: Non-Exempt: D. Foust	4. Generator Burlington Regraes
Verbal Approval Received: 10-6-∞ Yes 🛛 No 🔲	5. Originating Site Me Grath SWOTY
2. Management Facility Destination Tierra landform	6. Transporter Down
3. Address of Facility Operator #420 CR. 3100 Aztec	8. State New Mexico
7. Location of Material (Street Address or ULSTR) Me Grath # 9	Sec. 34 T. 30N R. 12W
9. <u>Circle One</u> :	
 All requests for approval to accept oilfield exempt wastes will be accepted. B. All requests for approval to accept non-exempt wastes must be accepted. PROVE the material is not-hazardous and the Generator's certification listing or testing will be approved. 	ompanied by necessary chemical analysis to
All transporters must certify the wastes delivered are only those consigned	d for transport.
BRIEF DESCRIPTION OF MATERIAL:	
Tank Bottoms	
	erator at the end of the haul) 320 Bbls Scy Manage (DATE: 10-31-00
Waste Management FacilityAuthonzard Agent	
TYPE OR PRINT NAME: Y Javiel Bonawitz TEL	EPHONE NO. 334-8894
(This space for State Use)	

OIL CONSERVATION DIVISION ACTES DISTRICT OFFICE 1806 RIO SRAZOS ROAD ACTES, NEW MERICO 27410 (205) 384-4175 FEB (205)384-61

GARY E. JOHNSON

JENNIFER A. SALISBURY CABINET SECRETARY

1. Gener	etor Name and Addres	:S:	•	2. Destination Name:
3401 E	gton Resources ast 30th Street gton, NM 87401	,		Tierra
3. Origin	ating Site (name):		•	Location of the Waste (Street address &/or ULSTR):
McGrat	h SWD #4		Unit: S	McGrath SWD #4 W Section: 34 Township: 30N Range: 12W
	h list of originating alter co		<u> </u>	
4. Source	e and Description of V	Vasta		
Tank B	ottoms			
			•	,
		· · · · · · · · · · · · · · · · · · ·		
		•		
,	Steve	Florez	<u> </u>	representative for:
	Burli			
according 1988, reg	to the Resource Con	servation	end Recov e describe	do hereby certify the rery Act (RCRA) and Environmental Protection Agency's Judy waste is: (Cheek expropriete dessification)
1988, reç <u>x</u> EXE	to the Resource Congulatory determination. MPT oilfield waste	servation , the abov	end Recov o describe NON-EXI analysis	rery Act (RCRA) and Environmental Protection Agency's Ju
1988, rec $\frac{x}{x}$ EXE	to the Resource Congulatory determination MPT oilfield weste nothing has been adde	servation, the above of to the constitution our servation	end Recover describes NON-EXI analysis exempt or recovering document	very Act (RCRA) and Environmental Protection Agency's Ju d waste is: (Cheek appropriate dessification) EMPT gilfield waste which is non-hazardous by characterist or by product identification
Y EXE and that: For NON This wast to 20 NM	to the Resource Congulatory determination. MPT oilfield wests nothing has been added -EXEMPT waste the MSDS information. RCRA Hazard: Chain of Cust MAC 3.1 subpart 1403 Original Signature):	servation, the above of to the constant wastened on the constant of the consta	and Recover describes NON-EXI analysis exempt or response Analysis and Lavels of	rery Act (RCRA) and Environmental Protection Agency's Jude waste is: (Cheek appropriate descillation) EMPT dilitied waste which is non-hazardous by characterist or by product identification non-exempt non-hazardous waste defined above.
Y EXE and that : For NON This was: to 20 NM	to the Resource Congulatory determination. MPT oilfield wests nothing has been added N-EXEMPT waste the MSDS information. RCRA Hazard: Chain of Cust MAC 3.1 subpart 1403 Original Signature): Production Force	servation, the above of to the constant waste waste ody	and Recover described NON-EXI analysis exempt or	rery Act (RCRA) and Environmental Protection Agency's Jud waste is: (Cheek appropriate descillation) EMPT dilitied waste which is non-hazardous by characterist or by product identification non-exempt non-hazardous waste defined above. Other (description):
Y EXE and that: For NON This wast to 20 NM	to the Resource Congulatory determination. MPT oilfield wests nothing has been added -EXEMPT waste the MSDS information. RCRA Hazard: Chain of Cust MAC 3.1 subpart 1403 Original Signature):	servation, the above of to the constant waste waste ody	and Recover described NON-EXI analysis exempt or	rery Act (RCRA) and Environmental Protection Agency's Jud waste is: (Cheek appropriate descillation) EMPT dilitied waste which is non-hazardous by characterist or by product identification non-exempt non-hazardous waste defined above. Other (description):

P.O. Box 1980 Hobbs, NM 88241-1980 District II - (505) 748-1283 811 S. First Artesia, NM 88210 10 - trict [1] (505) 334-6178 1'Rio Brazos Road

District IV - (505) 827-7131

د...c, NM 87410

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

Originated 8/8/95

orm

Submit Original Plus I Čopy to appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE 00060			
1. RCRA Exempt: Non-Exempt:	4. Generator Bacin Disposal			
Verbal Approval Received 0-27-00 Yes 📉 No 🔲	5. Originating Site Same			
2. Management Facility Destination Tierre land Farm	6. Transporter Inland Trucking			
3. Address of Facility Operator 420 CR, 3/00	8. State New Mexico			
7. Location of Material (Street Address or ULSTR) Basin Dispusal	CR5046 # Bloom Field No			
 9. Circle One: 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 BRIEF DESCRIPTION OF MATERIAL:				
Mixed Studge	23456 DONE TO STAND T			
Estimated Volume cy Known Volume (to be entered by the open	erator at the end of the haul) cy			
Waste Management FacilityAuthorized Agent	n Manager DATE: 10-27-01 EPHONE NO. 334-8894			
APPROVED BY: Deny Rent TITLE: Geola APPROVED BY: Hugh TITLE: Geol				

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

GARY E. JOHNSON GOVERNOR

JENNIFER A. SALISBURY CABINET SECRETARY

1. Generator Name and Address:	2. Destination Name:
BASIA DISPOSA	Tierra Land FARM
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
BASIN DISPOSED	CR 5046 \$6 Bloom Sield XM
Attach list of originating sites as appropriate	
4. Source and Description of Waste	
Oily DiRT	
•	
I, Jimmy BARNCS (Print Name)	
	representative for:
(Print Name)	representative for:
according to the Resource Conservation and Rec	do hereby certify that, covery Act (RCRA) and Environmental Protection Agency's July,
according to the Resource Conservation and Red 1988, regulatory determination, the above descri	do hereby certify that, covery Act (RCRA) and Environmental Protection Agency's July,
according to the Resource Conservation and Recording to the	do hereby certify that, covery Act (RCRA) and Environmental Protection Agency's July, ibed waste is: (Check appropriate classification) EXEMPT oilfield waste which is non-hazardous by characteristic
according to the Resource Conservation and Recording to the	do hereby certify that, covery Act (RCRA) and Environmental Protection Agency's July, ibed waste is: (Check appropriate classification) EXEMPT oilfield waste which is non-hazardous by characteristic sis or by product identification or non-exempt non-hazardous waste defined above. nentation is attached (check appropriate items): Other (description):
according to the Resource Conservation and Rec 1988, regulatory determination, the above described EXEMPT oilfield waste NON-B analyst and that nothing has been added to the exempt of the second control of the control of th	do hereby certify that, covery Act (RCRA) and Environmental Protection Agency's July, ibed waste is: (Check appropriate classification) EXEMPT oilfield waste which is non-hazardous by characteristic sis or by product identification or non-exempt non-hazardous waste defined above. nentation is attached (check appropriate items): Other (description):
according to the Resource Conservation and Rec 1988, regulatory determination, the above described EXEMPT oilfield waste NON-Banalys and that nothing has been added to the exempt of the second of the exempt of the second of the exempt of the second of the exempt of the exemp	do hereby certify that, covery Act (RCRA) and Environmental Protection Agency's July, ibed waste is: (Check appropriate classification) EXEMPT oilfield waste which is non-hazardous by characteristic sis or by product identification or non-exempt non-hazardous waste defined above. nentation is attached (check appropriate items): Other (description):
according to the Resource Conservation and Rec 1988, regulatory determination, the above described EXEMPT oilfield waste NON-EXEMPT waste the following document of the exempt of	do hereby certify that, covery Act (RCRA) and Environmental Protection Agency's July, ibed waste is: (Check appropriate classification) EXEMPT oilfield waste which is non-hazardous by characteristic sis or by product identification or non-exempt non-hazardous waste defined above. nentation is attached (check appropriate items): Other (description):

- (505) 748-1283 . Fir.3 a. NM 88210 <u>et III</u> - (505) 334-6178 Rio Brazos Road NM 87410 a IV - (505) 827-7131

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

Submit Origin Plus I Cor to appropria District Offic

REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE
RCRA Exempt: Non-Exempt:	4. Generator Coholo
Verbal Approval Received: Yes ☐ No ☑	5. Originating Site San Than has Plant
Management Facility Destination Ticked Law Farm	6. Transporter Riley
Address of Facility Operator 420 LR 3400 Artic VM 89110	8. State NM
Location of Material (Street Address or ULSTR) 6/ CR 4900	Bloomfield N.M.
Circie One:	
All requests for approval to accept oilfield exempt wastes will be accepted. B. All requests for approval to accept non-exempt wastes must be accepted. PROVE the material is not-hazardous and the Generator's certification listing or testing will be approved.	ompanied by necessary chemical analysis to
All transporters must certify the wastes delivered are only those consigned	for transport.
Salfa Check System - Has Averting strubbing Light Champion - Gas Frent 102 Timated Volume 400 Bbls cy Known Volume (to be entered by the open	OCT 2000 PEDEVIDO OIL COM DIV DIST. 3 Prator at the end of the haul) 29
₩ásie Manage/nent FacilityAuthonzed Agent	EPHONE NO. 334-8894
FRENCHED BY: Deny Tern TITLE: GEOLOG	15\$ DATE: 18/10/2000

i. Osuelgiol Mattie and Addless:	2. Destination Name:
Conoco IncNG&GP	Tierra Environmental Co., Inc.
San Juan Gas Plant	Tierra Land Farm Facility
61 CR 4900	420 CR 3100
Bloomfield, NM 87413	Aztec, San Juan County NM 87410
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
Same As Above (Generator) Attach list of originating sites as appropriate	
4. Source and Description of Waste	
Sulfa Check System - H2S treating/sc Champion - Gas Treat 102	rubbing liquid
For the month of Octobe	~
I. Richard R. Theander Land Fries	representative for:
(Print Name)	do hereby certify that
1988, regulatory determination, the above described xx EXEMPT oilfield waste NON-EXE	very Act (RCRA) and Environmental Protection Agency's July
and that nothing has been added to the exempt or n	on-exempt non-hazardous waste defined above.
For NON-EXEMPT waste only the following docu _X MSDS Information RCRA Hazardous Waste Analysis Chain of Custody	umentation is attached (check appropriate items): Other (description):
Name (Original Signature):	
Tide: Process Foreman	
Date: 10-9-00	



Conoco Inc.

Request for Facsimile **Transmission**

From Kiess	San Fran Gas Plant
Bloomfield N.M 87413	505-632-4905
Acct. No.	EX 605-632-4930

Name	Phone No.
Phil Mobis	Tierra Environmental
Copartment	505-334-8874
CAY, State Country AZTEC N.M	fax 505-334-9004

Note:

- Your originals must have good contrast (dark detail on light background).
 Legible.
 1/2 Inch margin on all eldes of sheet.

- 4. Number all pages.

Special trajuctions
Scheduling a Sulfa Check System Cleaning on
10/11/00 your Should See first Load at 9:00 am
Please Notify O.C.D as in the Past.

Taill send original with first Line (Riley Ind)
After & 400 bbls fronk you Lavie I

UI - (505) 748-1283
First
Oil Conservation Division
2040 South Pacheco Street
UI - (505) 334-6178
Santa Fe, New Mexico 87505
M 87410
IV - (505) 827-7131

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

Submit Origi Plus 1 Cc to appropria District Offi

REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE 0069
RCRA Exempt: Non-Exempt:	4. Generator Coholo
Verbal Approval Received: Yes ☐ No ☑	5. Originating Site San Then has Plant
Management Facility Destination Ticked Law Farm	6. Transporter Riley
Address of Facility Operator 420 LR 3400 Artic NM 87110	8. State V/M
Location of Material (Street Address or ULSTR) 6/ CR 4900	Bloomfield N.M.
Circie One:	
All requests for approval to accept oilfield exempt wastes will be accepted. B. All requests for approval to accept non-exempt wastes must be accepted. PROVE the material is not-hazardous and the Generator's certification listing or testing will be approved.	ompanied by necessary chemical analysis to
All transporters must certify the wastes delivered are only those consigned	d for transport.
HEF DESCRIPTION OF MATERIAL:	
Salfa Check System - H2 Struting/strubbing Liqui	id
Champion - Gas Frent 102	OCT 2000 OLGONOV OL
IMATURE: TITLE: EAVIRONMENTAL PE OR PRINT NAME: TELEMY J. Bath TELEMANNEMANNEMANNEMANNEMANNEMANNEMANNEMA	
inis space for State Use)	

1. Generator Name and Address:	2. Destination Name:
Conoco IncNG&GP	Tierra Environmental Co., Inc.
San Juan Gas Plant	Tierra Land Farm Faculty
61 CR 4900	420 CR 3100
Bloomfield, NM 87413	Aztec, San Juan County NM 87410
3. Originating Site (name):	Location of the Weste (Street address &/or ULSTR):
Same As Above (Generator)	
Attach list of originating sites as appropriate	
4. Source and Description of Waste	
Sulfa Check System - H2S treating/scru	bbing liquid
Champion - Gas Treat 102	
- u. a Ortabel	٩
For the month of October	
1 1 "	
Richard R. Theander Shund FRIOSS	representative for:
(Print Name)	
Conoco, Inc. NG&GP, San Juan Gas Plant	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 w	vaste is: (Check appropriate classification)
	PT oilfield waste which is non-hezardous by characteristic by product identification
and that nothing has been added to the exempt or non	exempt non-hazardous waste defined above.
and and modeling the boots about to the excelles of their	The state of the s
For NON-EXEMPT waste only the following docume	entation is attached (check appropriate items):
X MSDS Information	Other (description):
RCRA Hazardous Waste Analysis	
Chain of Custody	
Name (Original Signature):	
Title: Process Foreman	,—————————————————————————————————————
Date: 10-9-00	



Conoco Inc.

Request for Facsimile Transmission

0ats 10-9-00

From	
Kein Kicss	Son Fran Gas Plant
Blownfield N. pr 87415	100 - 650 - 4905
Aent. Nin	EX 505-632-4730

Shil Mohis	- Tierra Environmental
Department	500 - 334-8894
AZTEC N.M	fox 505-334-9024

No of Pages Cover +/

Note

- 1. Your originals must have good contrast (dark detail on light background).
- 2. Legible.
- 3. 1/2 Inch margin on all sides of sheet.
- 4. Number all pages.

Special respections
Scheduling a Sulfa Check System Cleaning on.
10/11/00 your Should See first Load at 9:00 am
Please notify O.C.D as in the Past.
Twill Send original with first Load. (Riley Ind)
Approx 400 bols Thank your Same for

P.O. Box 1980 Hobbs, NM 88241-1980 District II - (505) 748-1283

Energy M

ew exico erals and Natural Resources F Oil Conservation Division

vrtment

orm -138

Originated 8/8/95

811 S. First Artesia, NM 88210

- trict III - (505) 334-6178 1 Rio Brazos Road c, NM 87410 مدر District IV - (505) 827-7131

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

Submit Original Plus I Copy to appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE 0006/
1. RCRA Exempt: Non-Exempt: Toust	4. Generator Conoco Inc.
Verbal Approval Received: 7-2500 Ses 🔟 No 🔲	5. Originating Site Dawn Trucking
2. Management Facility Destination Trecra land Ferm	6. Transporter Down Trucking
3. Address of Facility Operator 420 CR 3/00 Aztec	8. State New Mexico
7. Location of Material (Street Address or ULSTR) Down Tracking you	d 16 CR; 5860 Farmington
9. Circle One:	
All requests for approval to accept oilfield exempt wastes will be accepted. B. All requests for approval to accept non-exempt wastes must be accepted. PROVE the material is not-hazardous and the Generator's certification listing or testing will be approved.	ompanied by necessary chemical analysis to
All transporters must certify the wastes delivered are only those consigned	d for transport.
BRIEF DESCRIPTION OF MATERIAL:	
Contaminated Soil From Conoco of Clean Out. Estimated Volume cy Known Volume (to be entered by the op SIGNATURE: David Bound TITLE: Landform Waste Management Facility Authorized Agent TYPE OR PRINT NAME: David Bonawitz TEL	OCT 2000 OCT. 3
(This space for State Use)	2017 T 2011/2017
APPROVED BY: New tent TITLE: Geold APPROVED BY: Hugh TITLE: Geold	0915T DATE: 10/10/2000
A STATE OF THE STA	

ATTh; Dave

Intricx I - (505) 390 1161
O. Box 1980
Sobs. NM 88241-1
Strick II - (505) 74 1283
21 S. First
Resia, NM 88210
Turks III - (505) 32-6178
Rio Brazos Road
...c. NM 87410
Intrict IV - (505) 80 1131

New Mexico
Energy vunerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

(505) 827-7131

1. Generator Name and Address:	Tierra land farm
Conoca Inc.	
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
From Dawn (Avd, Fro	m Conoco old prodution TANKS.
4. Source and Description of Waste Contaminated Soil	·
Contaminated Soil	
Donald Blair	representative for:
(Print Name) Conoco And I Becording to the Resource Conservation and Recover 1988, regulatory determination, the above described to	do hereby certify the ry Act (RCRA) and Environmental Protection Agency's June 18: (Check appropriate classification)
EXECUTT oilfield waste NON-EXEV	IPT oilfield waste which is non-hazardous by characterist by product identification
and that nothing has been added to the exempt or not	n-exempt non-hazardous waste defined above.
For NOT: EXEMPT waste only the following document of MSDS Information and RCRA Hazardous Waste Analysis and Chain of Custody	nentation is attached (check appropriate items): Other (description):
Name (C. mai Signature):	

Oil Conservation Division S. First RECEIVED Submit Origi 2040 South Pacheco Street sia, NM 88210 Plus I Č rict III - (505) 334-6178 Santa Fe, New Mexico 87505 נס בססוססו: Rio Brazos Road OCT 0 3 2000 (505) 827-7131 District Of a. NM 87410 del IV - (505) 827-7131 Environmental Bureau REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE Non-Exempt: 1. RCRA Exempt: Generator 5. Originating Site Verbal Approval Received: Yes 🗍 No 🗔 Management Facility Destination Tierra 6. Transporter Address of Facility Operator 7. Location of Material (Street Address or ULSTR) 3. 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. 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 nazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport. BRIEF DESCRIPTION OF MATERIAL: Contaminated Soil



• •		·	
stimated Voius	ne cy	Known Volume (to be entered by the operator at the end of the haul) —	

TITLE Land Form Manager DATE 6-30-00

TELEPHONE NO. 334-8894

This space for State Use)

TITLE: 600/05/5/=

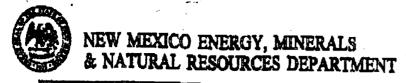
TITLE: Environmental Godanst=== 10-3

First a. NM 88210 ct III - (505) 334-6178 Rio Brazos Road NM 87410 ct IV - (505) 827-7131

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

Submit Origina Plus 1 Cop to appropria: District Offic

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE RCRA Exempt: Generator Non-Exempt: Verbal Approval Received: Originating Site Management Facility Destination Tierra 6. Transporter Address of Facility Operator Location of Material (Street Address or ULSTR) 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. 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 nazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport. RIEF DESCRIPTION OF MATERIAL: Contaminated Soil This was moved as emergency cy. Known Volume (to be entered by the operator at the end of the haul) -TITLE Land Form Manages This space for State Use) TITLE: Geologist



OIL COMBERVATION DIVISION ARTEC DISTRICT DEFICE 1900 RIG BRAZOS ROAD ARTEC, NEW MEXICO 21410 (308) 324-6178 Fee (501)334-6170

GARY E. JOHNSON

JENNIFER A. SALISBURY CABINET SECRETARY

1. Generator Name and Address:	2. Destination		_
(ey Energy Services, Inc.	Tierra Environmental Company, Inc. Crouch Mesa Landfarm 420 C.R. 3100		
our Corners Division			
651 US Highway 64			
Farmington NM, 84701	Aztec, NM 874	Ю1	
3. Originating Site: (name):	Location of the Waste (Street Address &/or ULS		
Forest Road 31	Section	2	
	Township	30	North
,	Range	√ 5	West
(Attach list of origination sites as appropriate)			
4 Source and Description of Waste			
Meter truck in in route to well site when tie rou	i on truck broke causing t	he truck t	o go into the bar ditch.
The fuel line was broken, spilling 50 gallons on the Tierra Environmental for disposal.	f diesel onto the ground. 1	The dirt w	ill be dug up and transported
WHAT I'M			
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
EXEMPT oilfield waste	X NON-EXEMP by characteris	T cilfield : itic analys	waste which is non-hazardous is or by product identification.
and that nothing has been added to the exem	pt or non-exempt non-hai	zardous v	vaste defined above.
	<u> </u>		
For NON-EXEMPT waste only the following of		l /abaals a	
X MSDS information	locumentation is attached	l (check a	ppropriate items): Other (description):
DODA II MI A	-	l (check a	ppropriate items): Other (description):
RCRA Hazardous Waste Ar	-	l (check a	ppropriate items): Other (description):
RCRA Hazardous Waste Ar Chain of Custody	-	(check a	ppropriate items): Other (description):
	-	l (check a	ppropriate items): Other (description):
Chain of Custody	nalysis		Other (description):
Chain of Custody This waste is in comfeance with Regulated L	nalysis		Other (description):
Chain of Custody	nalysis		Other (description):
Chain of Custody This waste is in comfeance with Regulated L	nalysis		Other (description):
Chain of Custody This waste is in comlieance with Regulated L to 20 NMAC 3.1 subpart 1403.C and D.	nalysis		Other (description): active Material (NORM0 pursant
Chain of Custody This waste is in comfeance with Regulated L	nalysis	ng Radio	Other (description): active Material (NORM0 pursan
Chain of Custody This waste is in comfleance with Regulated L to 20 NMAC 3.1 subpart 1403.C and D. Name (Original Signature):	avels of Naturally Occurri	ng Radio	Other (description): active Material (NORM0 pursant
Chain of Custody This waste is in comlieance with Regulated L to 20 NMAC 3.1 subpart 1403.C and D.	avels of Naturally Occurri	ng Radio	Other (description): active Material (NORM0 pursant
Chain of Custody This waste is in comlieance with Regulated L to 20 NMAC 3.1 subpart 1403.C and D. Name (Original Signature): Farthington Sho	avels of Naturally Occurri	ng Radio	Other (description): active Material (NORM0 pursan

September 30, 1993



Material Safety Data Sheet

NO. 2 LOW SULFUR DISTILLATE

PHILLIPS 66 COMPANY A Division of Phillips Petroleum Company Bartlesville, Oklahoma 74004 PHONE NUMBERS
Emergency: (918) 661-8118
General MSDS Information:

(918) 661-3709 For Additional MSDSs: (918) 661-3709

A. Product Identification

Synonyms: Low Sulfur Diesel Fuel; #2 Distillate

Chemical Name: Mixture
Chemical Family: Hydrocarbons
Chemical Formula: Mixture
CAS Reg. No.: 68476-34-6
Product No.: 34260, 35260

Product and/or Components Entered on EPA's TSCA Inventory: YES

This product is in U.S. commerce, and is listed in the Toxic Substances Control Act (TSCA) Inventory of Chemicals; hence, it may be subject to applicable TSCA provisions and restrictions.

B. Components

Ingredients	CAS	%	osha	ACGIH
	Number	By Wt.	Pel	TLV
Diesel fuel	68476-34-6	100	NE	NE
may include Benzene	71-43-2	< 50 ppm	1 ppm≭	10 ppm
Sulfur	7704-34-9	< 0.05	NE	NE

Work operations exempted by the Benzene Standard, 29 CFR 1910.1028, will have a 10 ppm 8 hour TWA.

C. Personal Protection Information

Ventilation: Use adequate ventilation.

Respiratory Protection: Not generally required unless needed to prevent

respiratory irritation. In case of spill or leak resulting in unknown concentration, use NIOSH/MSHA approved supplied air respirator.

Eye Protection: For splash protection, use chemical goggles and face

Skin Protection:

Use gloves resistant to the material being used. (ie. neoprene or Nitrile rubber). Use protective garments

to prevent excessive skin contact.

NOTE: Personal protection information shown in Section C is based upon general information as to normal uses and conditions. Where special or unusual uses or conditions exist, it is suggested that the expert assistance of an industrial hygienist or other qualified professional be sought.

D. Handling and Storage Precautions

Do not get in eyes, on skin or on clothing. Avoid breathing vapors, mist, fume or dust. Do not swallow. May be asptrated into lungs. Wear protective equipment and/or garments described in Section C if exposure conditions warrant. Wash thoroughly after handling. Launder contaminated clothing before reuse. Use with adequate ventilation.

Keep away from heat, sparks, and flames. Store in a well-ventilated area. Store in a closed container. Bond and ground during transfer.

E. Reactivity Data

Stability: Stable

Conditions to Avoid: Not Established

Incompatibility (Materials to Avoid): Oxygen and strong oxidizing agents

Hazardous Polymerization:

Will not occur Conditions to Avoid: Not Established

Hazardous Decomposition Products: Carbon and sulfur oxides and various

hydrocarbons formed when burned.

F. Health Hazard Data

Recommended Exposure Limits:

Not Established

Acute Effects of Overexposure:

Eya: May cause mild irritation, with stinging and redness of the eyes.

Skin: May cause severe irritation. Repeated or prolonged contact may mause defatting of the skin, reculting in dermatities. Dermal LD50

for diesel fuel is > 5 ml/kg (rehhit)

Inhalation: May cause irritation to nose, throat or lungs. Readache, nausea,

dizziness, unconsciousness may occur.

Theodéine (

Subchronic and Chronic Effects of Overexposure:

No lowers applicable defendantion.

Other Health Effects:

Combustion (burning) of most carbon-containing material forms carbon monoxide. Carbon monoxide inhalation may cause carboxyhomoglobiacmia. Chronic exposure to carbon monoxide causes fatigue, poor momory, less of sensation in fingers, visual disturbances and insomnia. Carboxyhomoglobinemia is frequently misdiagnosed as flu.

Sonsitive sub-populations—to the inhalation of carbon monoxide exist. Carbon monoxide displaces oxygen in the bloodstream and therefore, can adversally effect you've mith ure mainting heart nicease, prognant women

been apposinted with lung cancer in an indials. There is limited evidence to suggest an association between occupational exposure to diesel exhaust and lung cancer in humans.

Health Hazard Categories:

An	imal	Human			Animal	Human
Known Carcinogen Suspect Carcinogen Mutagen Teratogen Allergic Sensitizer Highly Toxic			Toxic Corrosive Irritant Target Organ Specity -	Toxin	X X Wasard	X

First Aid and Emergency Procedures:

Flush eyes with running water for at least fifteen minutes. irritation or adverse symptoms develop, seek medical attention.

Immediately wash skin with scap and water for at least fifteen minutes. If irritation or adverse symptoms develop, seek medical attention.

Inhalation: Remove from exposure. If breathing is difficult, give oxygen. breathing ceases, administer artificial respiration followed by

oxygen. Seek immediate medical attention.

Ingestion: Do not induce vomiting. Seek immediate medical attention.

Note to Physician: Gastric lavage using a cuffed endotracheal tube

may be performed at your discretion.

G. Physical Data

Appearance: Amber liquid

Mild Odor:

Boiling Point: 300-690F (149-366C) Not Established

Vapor Pressure: Vapor Density (Air = 1):

Negligible

0.8762 9 60/60F (16/16C)

Solubility in Water: Specific Gravity (H2O = 1): Percent Volatile by Volume: 100 Evaporation Rate (Butyl Acetate=1): <1

Viscosity: 32.6 - 37.9 SUS a 100 F (38C)

H. Fire and Explosion Data

Flash Point (Method Used):

> 115F (> 46C) (PMCC, ATSM D-93) LEL - Not Established UEL - Not Established Flammable Limits (% by Volume in Air):

Dry chemical, foam or carbon dioxide (CO2) Fire Extinguishing Media:

Special Fire Fighting Procedures: Evacuate area of all unnecessary

personnel. Shut off source, if possible. Use NIOSH/MSHA approved self-contained breathing apparatus and other protective equipment and/or garments described in Section C if conditions warrant. Water fog or spray may be used to cool exposed containers and equipment. Do not spray water

directly on fire - product will float and could be reignited on surface of water.

Fire and Explosion Hazards: Carbon and sulfur exides and various

hydrocarbons formed when burned.

I. Spill, Leak and Disposal Procedures

Precautions Required if Material is Released or Spilled: Evacuate area of all unnecessary personnel. Wear protective equipment and/or garments described in Section C if exposure conditions warrant. Shut off source, if possible and contain spill. Protect from ignition. Keep out of water sources and sewers. Absorb in dry, inert material (sand, clay, etc.). Transfer to disposal drums using non-sparking equipment.

Waste Disposal (Insure Conformity with all Applicable Disposal Regulations): Incinerate or place in permitted waste management facility.

J. DOT Transportation

Shipping Name: Hazard Class: Fuel oil (No. 2) 3 (Flammable liquid) ID Number: NA 1993

Packing Group: Marking: III

Fuel oil (No. 2), NA 1993

Flammable liquid Flammable/1993 Larel: Placard:

Hazardous Substance/RQ: Not applicable

Fuel oil (No. 2), 3 (Flammable liquid), NA 1993, PG III Shipping Description:

49 CFR 173.150, 173.203, 173.241 Packaging References:

This product may be reclassed as a combustible liquid when shipped domestically, by land only. If reclassed as a combustible liquid, this product is unregulated by DOT when shipped in non-bulk quantities.

K. RCRA Classification - Unadulterated Product as a Waste

Ignitable (D001)

Prior to disposal, consult your environmental contact to determine if TCLP (Toxicity Characteristic Leaching Procedure, EPA Test Method 1311) is required. Reference 40 CFR Part 261

L. Protection Required for Work on Contaminated Equipment

Contact immediate supervisor for specific instructions before work is initiated. Wear protective equipment and/or garments described in Section C if exposure conditions warrant.

M. Hazard Classification

x	This product meets the the Occupational Safet CFR Section 1910, 1200	following hazard definition(s y and Health Kazard Communicat :) as defined by ion Standard (29
	Combustible Liquid Compressed Gas Flammable Gas Flammable Liquid Flammable Solid	Flammable Aerosol Explosive X Health Hazard (Section F) Organic Peroxide	Oxidizer Pyrophoric Unstable Water Reactive
	Based on information any of the hazard def.	presently available, this produnitions of 29 CFR Section 1910	ct does not meet

N. Additional Comments

SARA 313

As of the preparation date, this product did not contain a chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

Phillips Primitum Granulus (reference in Phillips Remission Computer as the state as structure, and additional to the data are information and statements in accounts as of the data bereof. NO WARR, NTV OF MERCHANTASILITY, FITNESS FOR ANY PARTICULAR PURPOSE OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, IS MADE AS CONCERNS THE INFORMATION HEREIN PROVIDED. The information provided herein related usity to the specific product delegated and may not be suffered to the conditions and methods of its may produce the conditions and methods of use of the product and information remains or beginned of the suffered to the conditions and methods of use of the product or each information. No statement was a herein shall be continued as a permission or recommendation for the use of any product in a manner that might infringe exiting practice.

onserv First Submit Origi 2040 South Pacheco Street a. NM 85210 . RECEIVED Plus i Ča + III - (5%5) 334-6178 Santa Fe. New Mexico 87505 יוםסוסססיים Rio Brazos Road (505) 827-7131 District Off OCT 0.3 2000 NM 87410 ct IV - (505) 827-7131 conmental Bureau REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE 4. Generator RCRA Exempt: Non-Exempt: 🔀 5. Originating Site Verbal Approval Received: Yes Tierra Env. Landfarm 6. Transporter Management Facility Destination 8. State Address of Facility Operator 426 (R 3100 Location of Material (Street Address or ULSTR) 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. 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 nazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport. RIEF DESCRIPTION OF MATERIAL: Dirt Contaminated From hydraulic pump leak OCT 2000

Known Volume (to be entered by the operator at the end of the haul) -TITLE: Environmental Specialist DATE: 9/26/00 GNATURE: Waste Management FacilityAuthorized Agent THE OR PRINT NAME:

This space for State Use)

TITLE: Environmental Geologist SATE: 10-3-00

- Feart Geologist -- 9/28/00

11 - (505) 748-1283 First NM 88210 113 - (505) 334-6178 io Brazos Road NM 87410

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

Submit Origin Plus i Corto appropria District Offic

<u>IV</u> - (303) 827-7131	. '
REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE
RCRA Exempt: Non-Exempt: 🔀	4. Generator Key Fnersy
Verbal Approval Received: Yes ☐ No ☑	5. Originating Site Bonday 32-10 No
Management Facility Destination Tierra Env. Land Farin	6. Transporter Key Energy
Address of Facility Operator 420 CR 3100 Aztre Ny 47/10	8. State ()
Location of Material (Street Address or ULSTR) Sec 1), TSM KINW	INAPIA La Plata County (0.
Circie One:	:
A. All requests for approval to accept oilfield exempt wastes will be accordene Generator; one certificate per job. All requests for approval to accept non-exempt wastes must be accorded PROVE the material is not-hazardous and the Generator's certification listing or testing will be approved.	mpanied by necessary chemical analysis to
All transporters must certify the wastes delivered are only those consigned	for transport.
Dirt Contaminated From hydraulic pamp leak	SEP 2000 RECONDIV DIST. S
Maria Manage 11 Facility Authorized Agent	Specialist DATE: 9/24/00 PHONE NO. 334-8894
nis space for State Use)	

Geolog 13/

CERTIFICATE OF WASTE STATUS

Generator Name and Address:	2. Destination Name:
Key Energy Services, Inc.	Tierra Environmental Company, Inc.
Four Corners Division	Crouch Mesa Landfarm
5651 US Highway 64	420 C.R. 3100
Farmington NM, 84701	Aztec, NM 87401
3. Originating Site: (name):	Location of the Waste (Street Address &/or ULSTR):
S.G. Interests I, Ltd.	1297' FSL & 1556 FWL
Bondad 33-10 No. 12A	Sec. 12, T-33-N, R-10-W, NMPM
	LaPlata County, Colorado
(Attach list of origination sites as appropriate)	
4. Source and Description of Waste	
Dirt was contaminated with hydraulic oil when the hydra	ulic pump ruptured on a well service rig.
Approximately 20-25 gallons of oil was spilled onto the	
containers as quickly as possible. The dirt will be approve	-
facility located near Farmington, NM.	·
-	
according to the Resource Conservation and Recovery Agency's July 1988, regulatory determination, the above (Check appropriate classification)	·
EXEMPT oilfield waste X	NON-EXEMPT oilfield waste which is non-hazardous
	by characteristic analysis or by product identification.
and that nothing has been added to the exempt or non-	exempt non-hazardous waste defined above.
E NON EVENET weeks only the fellowing decomposite	tion is attacked (about anymorphists itemse);
For NON-EXEMPT waste only the following documenta MSDS Information	tion is attached (check appropriate items). X Other (description):
RCRA Hazardous Waste Analysis	Test Results from Inter Mountain
X Chain of Custody	Laboratories, Inc.
Chair of dustody	2425(4.51155, 1115)
Name (Original Signature): Bob James	Jame_
Title: Farmington Shop Manager	
Date: August 29, 2000	<u> </u>

STATE OF COLORADO

Bill Owens, Governor Jane E. Norton, Executive Director

Dedicated to protecting and improving the health and environment of the people of Colorado

Grand Junction Regional Office 222 S. 6th St., Rm 232 Grand Junction, CO 81501-2768 Fax (970) 248-7198



August 31, 2000

Mr. Bob James Key Energy Services Four Corners Division P.O. Box 900 Farmington NM 87499

RE: Disposal and Transportation of Hydraulic Oil Contaminated Soil

Key Energy Serviced Four Corners Division

La Plata County

Dear Mr. James:

The data supplied August 29, 2000 for the above referenced material have been reviewed by our office. This material consists of hydraulic contaminated soil from well service rig rupture. The material has been characterized and may be transported and disposed of at a Landfill in New Mexico at the discretion of the owner/operator of that facility.

Please contact me in my office at 970-248-7168 if you require further information.

Sincerely,

Donna Stoner
Solid Waste Unit
Compliance Program

:ds

cc: SW LAP GEN

File



OFF: (505) 325-5667 FAX: (505) 327-1496

June 27, 2000

LAB: (505) 325-1556 FAX: (505) 327-1496

Bob James

Key Energy Services - Four Corners

P.O. Box 900

Farmington, NM 87499

TEL: (505) 327-4935 FAX (505) 327-4962

RE: Enervest West Animas 9-1

Order No.: 0006041

Dear Bob James,

On Site Technologies, LTD. received 1 sample on 6/15/2000 for the analyses presented in the following report.

The Samples were analyzed for the following tests:

ICP Metals-RCRA, Total (SW6010B)

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

David Cox

ON SITE
TECHNOLOGIES, LTD.

OFF: (505) 325-5667 FAX: (505) 327-1496 LAB: (505) 325-1556 FAX: (505) 327-1496

On Site Technologies, LTD.

Date: 27-Jun-00

CLIENT:

Key Energy Services - Four Corners

Project:

Enervest West Animas 9-1

Lab Order:

0006041

CASE NARRATIVE

One soil sample was sub-contracted to Inter-Mountain Laboratories.



Intermountain Laboratories, Inc.

(0)

Phone (505) 326-4737 Fax (505) 325-4182

Client:

On Site Technologies Limited

Project:

Metals

0006041-01A Enervest West Animas 9-1; Sample 1

Sample ID: Lab ID:

0300W02448

Matrix:

Soil

Condition: Intact

Date Reported: 06/20/00

Date Sampled: 06/15/00

2506 West Main Street, Farmington, NM 87401

Date Received: 06/16/00

Date Analyzed: 06/20/00

Parameter		Analytical Result	PQL	MCL	Units
Method 3050 - Total	Metals				
Arsenic		15	6	100	mg/Kg
Cadmium	.•	1.0	0.5	20	mg/Kg
Chromium	∵ •	8	1	100	mg/Kg
Lead	:: :	19	5	100	mg/Kg

SW-846 - "Test Methods for Evaluating Solid Waste: Physical/Chemical Methods", United States Environmental Protection Agency, Final Update 1, July 1992.

On Site Technologies, LTD.

CHAIN-OF-CUSTODY RECORD

Page Lof

612 E. Murray Drive Farmington, NM 87401 (505) 325-2432

Subcontractor:

Inter-Mountain Laboratories

TEL:

(505) 326-4737

2506 W Main

FAX:

Farmington, NM 87401

Acct #:

16-Jun-00

						Re	quested Tests			
Sample ID	Matrix	Collection Date	Bottle Type	SW6010B	İ	.]	. 1	-	i	İ
0006041-01A	Soil	6/15/2000	4OZG	1			profession .			

Comments:

Please analyze one (1) soil sample for Total: Arsenic, Cadmium, Chromium and Lead.

Relinquished by: How Rec

Relinquished by:

Date/Time

6/16/00 1620 Received by:

Received by:

Date/Time

4/14/00

1620

ON	SITE
TECHNOLOGIES, LT	D. V

CHAIN OF CUSTODY RECORD

Date: _	<u>(:</u>	15	OU	

612 E. Murray Dr. • P.O. Box 2606 • Farmington, NM 87499 LAB: (505) 325-5667 • FAX: (505) 327-1496

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Purchase Order No.:

SEND INVOICE TO Name

PROJECT LOCATION:

SAMPLER'S SIGNATURE:

Company Address

City, State, Zip

SAMPLE IDENTIFICATION

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612 E	E. Murray Dr. • LAB: (505)	P.O. Box :	2606 • Fai • FAX: (50	rmington,	NM 8749	99					. 41				of	
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Received by: Relinquished by: Date/Time Date/Time() Relinquished by: Date/Time Received by: Date/Time Relinquished by: Date/Time Received by: Date/Time Method of Shipment: 10 Working Days 24-48 Hours By Date

Authorized by: _____ Date ____ Date

(Client Signature Must Accompany Request)

Special Instructions / Remarks:



CHAIN OF CUSTODY RECORD

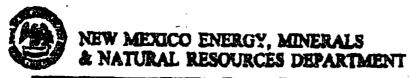
TECHN	NOLOGIES, LTD. 612 E	E. Murray Dr. • LAB: (505) :		2606 • Fa • FAX: (50	rmington, 05) 327-14	NM 8749 196	99		•				Pa	ıge:	:	_ of	-:	
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NM 88210 TIII - (505) 334-6178 Rio Brazos Read NM 87410 TIY - (505) 827-7131

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

Submit Origin:
Plus 1 Cop
to appropriat
District Offic

REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE 00039
RCRA Exempt: Non-Exempt: D. Foust	4. Generator Weather Ford yard
Verbal Approval Received 6-26-00 Yes 🔀 No 🔲	5. Originating Site Some 1
Management Facility Destination Tierra land Form	6. Transporter Foutz Const.
Address of Facility Operator #40 CR 3100 Aztec	8. State New Mexico
Location of Material (Street Address or ULSTR) Weather Forel yard	114 N Coch to Ave Farmington
Circle One:	
All requests for approval to accept oilfield exempt wastes will be accommodated; one certificate per job. All requests for approval to accept non-exempt wastes must be accompacted by the material is not-hazardous and the Generator's certification listing or testing will be approved.	impanied by necessary chemical analysis to not origin. No waste classified nazardous by
All transporters must certify the wastes delivered are only those consigned	for transport.
I don't know why I would give a verbal on this David has been out with injury since July 1st. Thated Volume	
FROVED BY: Demy Joint TITLE: Geology	13/13/00/28/00



GARY E. JOHNSON GOVERNOR.

TENOGREE A. BALLEBURY CARRIET SECRETARY .

CERTIFICATE OF WASTE STATUS

Westherford U.S. L.P. 515 Post Oek Sivd. Suite 600 Houston, TX 77027	TIERRA Environmental Company Inc. 420 G.R. 3100 Agtec, NM 87401
3. Originating Site Inemel:	Location of the Waste (Street address &/or ULSTN):
Weatherford U.S.,L.P. Oriting & Intervention Services	114 N. Cochili Ave. Farmington, NM 87401
Argush flat of exiginating pipes to appropriate	
4. Source and Doublinden of Waste	
I word of the project design and of the US Office	cubic yards of hydrocerbon impacted soll gions at the facility. Potential hydrocerbon ng service operations at the facility. The field drilling and service equipment.
David R Phil	representative for:
seconding to the Resource Conservation and Recon 1988, regulatory determination, the above describe	AGIÁ VOS (MCMV) SUO ELIABORISMENTO LIDRECHOU Wilder & Aris'
EXEMPT oilfield wante V 190N-EX	BRIFT official waste which is non-hexardous by characteristic or by product identification
and that nothing has been added to the exempt or	non-exampt non-hexardous wests defined above.
For NON-EXEMPT wests the following document MSDS Information V RCRA Helandous Wasts Analysis Chain of Custody	Other ideacristical:
to 20 NMAC 3.1 subport 1408.C and D.	of Naturally Occurring Redicactive Material (NORM) pursuant
Name (Original Signature): Land P. Title: H. S. F. Rep.	Phillips
Title: HSF Rep	
Date: (0-210-00	<u> </u>



ORGANIC ANALYSIS REPORT

Client: Wilson Environmental

Collected: June 9, 2000

Contact: C.B. Jacobson Analyzed: June 16, 2000 Extracted: June 15, 2000

Received: June 12, 2000

AMERICAN WEST

ANALYTICAL

LABORATORIES

Analysis Requested: Semi Volatiles by SW 8270B

Lab Sample ID: L41545-06A Field Sample ID: FC-SP

Site ID: Weatherford/Farmington

Analytical Results for TCLP

Semi Volatile Organics by GC/MS

	termination of the same	D4121 - 0101210 4 - B	
463 West 3600 South	Units = mg/L	Reporting Limit	Amount Detected
Salt Lake City, Utah	Compound	Limit	
84115	3 & 4-Methylphenol	0.050	< 0.050
	2-Methylphenol	0.050	< 0.050
	2,4-Dinitrotoluene	0.050	< 0.050
	Hexachlorobenzene	0.050	< 0.050
	Hexachiorobutadiene	0.050	< 0.050
(801) 263-8686 Toll Free (888) 263-8686	Hexachloroethane	0.050	< 0.050
Fax (801) 263-8687	Nitrobenzene	0.050	< 0.050
	Pyridine	0.25	< 0.25
	Pentachlorophenol	0.25	< 0.25
	2,4,6-Trichiorophenoi	0.050	< 0.050
	2,4,5-Trichlorophenol	0.050	< 0.050

Delenced h.

Laboratory Supervisor

Report Date:

June 21, 2000





INORGANIC ANALYSIS REPORT

AMERICAN WEST ANALYTICAL

LABORATORIES

Client: Wilson Environmental

Date Sampled: June 9, 2000

Project: Weatherford/Farmington

B Jacobson

Lab Sample ID:

L41545-06A

Contact: C.B. Jacobson

Date Received: June 12, 2000

Field Sample ID:

FC-SP

463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686 Toll Free (888) 263-8686 Fax (801) 263-8687

TCLP METALS Method 1311		Date	Method	Reporting	Amount
Analytical Results	Units	Analyzed	Used	Limi:	Detected
Arsenic	mg/L	6/15/00	6010B	2.0	< 2.0
Barium	mg/L	6/15/00	6010B	0.050	< 0.050
Cadmium	mg/L	6/15/00	6010B	0.030	< 0.030
Chromium	mg/L	6/15/00	6010B	0.050	< 0.050
Lead	mg/L	6/15/00	6010B	0.10	< 0.10
Selenium	mg/L	6/15/00	6010B	0.50	< 0.50
Silver	mg/L	6/15/00	6010B	0.10	< 0.10

Laboratory Supervisor

Report Date:

June 19, 2000

Contact: C.B. Jacobson

Date Received: June 12, 2000



INORGANIC ANALYSIS REPORT

AMERICAN WEST **ANALYTICAL**

LABORATORIES

Client: Wilson Environmental

Date Sampled: June 9, 2000

Project: Weatherford/Farmington

Lab Sample ID:

Field Sample ID:

L41545-06A

463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686 Toll Free (888) 263-8686 Fax (801) 263-8687

TCLP METALS Method 1311		Date	Method	Reporting	Amount
Analytical Results	Units	Analyzed	Used	Limit	Detected
Arsenic	mg/L	6/15/00	6010B	2.0	< 2.0
Barium	mg/L	6/15/00	6010B	0.050	< 0.050
Cadmium	mg/L .	6/15/00	6010B	0.030	< 0.030
Chromium	mg/L	6/15/00	6010B	0.050	< 0.050
Lead	mg/L	6/15/00	6010B	0.10	< 0.10
Selenium	mg/L	6/15/00	6010B	0.50	< 0.50
Silver	mg/L	6/15/00	6010B	0.10	< 0.10

Released by:

Laboratory Supervisor

Report Date:

June 19, 2000

ORGANIC ANALYSIS REPORT



Client: Wilson Environmental

Contact: C.B. Jacobson
Analyzed: June 15, 2000

Collected: June 9, 2000 Received: June 12, 2000

Analysis Requested: Purge & Trap by GC/MS SW846 #8260B/5030A

AMERICAN WEST ANALYTICAL LABORATORIES Lab Sample ID: L41545-06A Field Sample ID: FC-SP

Site ID: Weatherford/Farmington

Analytical Results for TCLP

F&D VOLATILES

		1 06.	D (ODVITED
	Units = mg/L		
	0	Reporting	Amount
463 West 3600 South	Compound	Limit	Detected
Salt Lake City, Utah 84115	Acetone	0.20	< 0.20
	Benzene	0.040	< 0.040
	2-Butanone	0.20	< 0.20
	Carbondisulfide	0.040	< 0.040
	Carbon tetrachioride	0.040	< 0.040
1001) 5/3 0/0/	Chlorobenzene	0.040	< 0.040
(801) 263-8686 Toll Free (888) 263-8686	Chloroform	0.040	< 0.040
Fax (801) 263-8687	Cyclonexanone	2.0	< 2.0
	1,2-Dichlorobenzene	0.040	< 0.040
	1,4-Dichlorobenzenc	0.040	< 0.040
	1,2-Dichloroethane	0.040	< 0.040
	1,1-Dichloroethene	0.040.	< 0.040
	Ethyl acetate	0.10	< 0.10
	Ethyl ether	0.10	< 0.10
	Ethyibenzene	0.040	< 0.040
	Isobutanol	4.0	< 4.0
	Methylene chloride	0. 04 0	< 0.040
	4-Methyl-2-pentanone	0.10	< 0.10
	2-Nitropropane	0.20	< 0.20
	Tetrachloroethene	0.040	< 0.040
	Toluene	0.040	< 0.040
	1,1,1-Trichlowethane	0. 040	< 0.040
	1,1,2-Trichloroethane	0.040	< 0.040
	Trichloroethene	0.040	< 0.040
	Trichlofluoromethane	0.040	< 0.040
	Vinyl chloride	0.020	< 0.020
	o-Xylene	0.040	< 0.040
	m & p Xylene	0.040	< 0.040
	• •		

Released by:

Lappratory Supervisor

Repart Date.

June 21, 2000

Page 1 of i



INORGANIC ANALYSIS REPORT

AMERICAN WEST Client: Wilson Environmental

Date Sampled: June 9, 2000

ANALYTICAL P

Project: Weatherford/Farmington

Lab Sample ID:

L41545-06B

Field Sample ID:

Contact: C.B. Jacobson

Date Received: June 12, 2000

FC-SP

463 West 3600 South Salt Lake City, Utah 84115

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Amount Detected
Flashpoint	°F	6/14/00	1010	200	>200
pН	pH units	6/13/00	9045C	0	7.30
Reactive Cyanide	mg/kg	6/13/00	4500CNE	5.0	< 5.0
Reactive Sulfide	mg/kg	6/14/00	4500S2E	50	< 50

(801) 263-8686 Toli Free (888) 263-8686 Fax (801) 263-8687

Released by:

Laboratory Supervisor

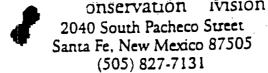
Report Date:

June 21, 2000

Page i of 1

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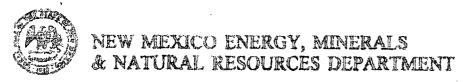
RECEIVED

Submit Origin
Plus 1 Cc
to appropria
District Offi

Environmental Bureau Oil Conservation Division

J-= 10-3-00

REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE 00039
RCRA Exempt: Non-Exempt: To Coust	4. Generator Weathertond yard
Verbal Approval Received 6-26-00 Yes 🔀 No 🗍	5. Originating Site Some 1
Management Facility Destination Tierra /cnel Form	6. Transporter Foutz Consti
Address of Facility Operator #20 CR 3(00) Aztec	8. State New Mexico
Location of Material (Street Address or ULSTR) Weather Forel yard	114 N Coch to Ave Farmington
Circie One:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
A. All requests for approval to accept oilfield exempt wastes will be accepted. Generator; one certificate per job. All requests for approval to accept non-exempt wastes must be accepted. PROVE the material is not-hazardous and the Generator's certification listing or testing will be approved.	ompanied by necessary chemical analysis to
All transporters must certify the wastes delivered are only those consigned	d for transport.
RIEF DESCRIPTION OF MATERIAL:	
Contaminated Soil Oct 2000 Oct 200	PECEIVED 23
For this Davidhus been outwith injury since July 1870 I MATURE David Basis Management Facility Autopazed Agent TITLE: Land Town TEL TEL	erator at the end of the naul) ay



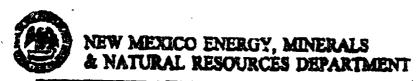
UIL CONSERVATION DIVISION ATTEC DISTRICT DEFICE 1600 RICE BRAZE BRAED AGTEC: NEW MERICO GTATO 1604; 554-6176 Fam (859)254-6177

GARY E. JOHNSON GOVERNOR

JENNIFER A. SALISBURY CABINET SECRETARY,

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address:	2. Destination Name:
Weatherford U.S.,L.P.	TERRA Environmental Company Inc.
515 Post Oak Blvd. Suite 600	420 C.R. 3100
Houston, TX 77027	Aziec, NM 87401
3. Usiginating Site (name):	Location of the Waste (Street address &/or ULSTR):
	114 N. Cochiti Ave.
Weatherford U.S.L.P.	Farmington, NM 87401
Drilling & Intervention Services	
Acteon that of originating sites as appropriate	AND THE RESIDENCE OF THE PROPERTY OF THE PROPE
4. Source and Description of Waste	
The waste consists of approximately 30 co accumulated during yard clean up operation sources are diesel fuel and oil used during facility was used to service and store oilfie	ons at the facility. Potential hydrocarbon ; service operations at the facility. The
S I o olim	∤ }
& DAVIC R. Phill	lands Signature for
() (Print Name)	Rellance Set 4.65, do having conting that
Weather tord Under	2 Ballance See 4000 do have by contify that
sucording to the Resource Conservation and Recove	ry Act (RCRA) and Environmental Prosection Agency's July.
1988, regulatory determination, the above described	waste is: (Check appropriate classification)
EXEMPT oilfield warre V NON-EXEM	VIPT oilfield waste which is non-hazardous by characteristic by product identification
and that nothing has been added to the exempt or no	n-exempt non-hazardous waste defined above.
TO MON-EXEMPT weste the following documents MSDS information V RCRA Hazardous Weste Analysis Chain of Custody	ntion is attached (check appropriate items): Other (description):
This weste is in compliance with Regulated Levels of the 20 NMAC 3.1 subport 1403.C and D.	Novembly Occurring Madioactive Material (MCMM) pursuant
	The second secon
Warne (Original Signature): Mass of P.	Philips
Warne (Original Signature): Nacco R. 1 Title: 45 E Bep	Pacify 5



te. Conservation groups acres bestelly surred 1000 No Senios aces aprice new beauto ares 1005) 201-2170 Pag (Mighles) 77

GARY E. JOHNSON

1. Generator Name and Address

CARRIET SECRETARY

CERTIFICATE OF WASTE STATUS

2. Dectination Name:

515 Post Oek Bred. Suite 600	TIERRA Environmental Company Inc. 420 C.R. 3100 Azinc, NM 87401
Houston, TX 77927	
3. Originating lite inemsit	Location of the Waste (Street address &/or ULSTR);
Weatherland U.S. L.P. Oriting & Intervention Services	114 N. Cochili Ave. Farmington, NM 87401
Assum that of enightening sites as appropriets	
4. Source and Description of Waste	
The weeks consists of approximately 30 co accumulated during yerd clean up operations are dissell fuel and oil used during facility was used to service and store oithis	ons at the facility. Possess hydrocarpon I service operations at the facility. The
David R Phill	o S representative for:
weather ford Under	Ballance Sch 4.65. do hereby corting this
providing to the Resource Consurvation and Recove 1988, regulatory determination, the above described	ry Act INCRA) and Environmental Protection Agency's July,
1298, reductory activities of the coord of participate	And the second s
	MFT cittled wasts which is non-hazardous by characteristic
analysis o	ty product identification
analysis o	ty product identification
analysis or most that nothing has been edded to the exampt or mo	r by preduct identification were defined above.
Analysis of any that nothing has been edded to the exempt or no for NON-EXEMPT waste the following documents MISIOS Information RCRA Heandow Waste Analysis Chain of Custody	r by preduct identification or-counts non-hazardous wasts defined above. ration is attached icheck appropriate items):
This weste is in compliance with Regulated Levels of the 20 NMAC 3.1 subport 1403.C and D. Name (Original Signature):	r by preduct identification or exampt non-hazardous wasta defined above. reton is attached (check approprieta items): Other ideas/jation);
analysis of the mothing has been edded to the exempt of respect to the exempt of respect to the exempt of respect to the exempt of respect to the exempt of respect to the exempt of respect to the exempt of respect to the exempt of respect to the exempt of the exempt of the exempt of the exempt of the exempt of the exempt of the exempt of the exempt of the exempt of the exempt of the exempt of the exempt of the exempt of the exempt of the exempt of respect to the exem	r by preduct identification or exampt non-hazardous wasta defined above. reton is attached (check approprieta items): Other ideas/jation);

23 00 01:54p



ORGANIC ANALYSIS REPORT

Client: Wilson Environmental

Collected: June 9, 2000

Received: June 12, 2000

Contact: C.B Jacobson

Analyzed: June 16, 2000 Extracted: June 15, 2000

AMERICAN

Analysis Requested: Semi Volatiles by SW 8270B

WEST ANALYTICAL LABORATORIES

Lab Sample ID: L41545-06A Field Sample ID: FC-SP

Analytical Results for TCLP

Site ID: Weatherford/Farmington

Semi Volatile Organics by GC/MS

	Units = mg/L
463 West 3600 South Salt Lake City, Utah	
84115	Compound
04120	3 & 4-Methylphenol
	2-Methylphenol
	2,4-Dinitrotoluene
	Hexachlorobenzene

(801) 263-8686 Toll Free (888) 263-8686 Fax (801) 263-8687

·	Reporting	Amount
Compound	<u>Limit</u>	Detected
3 & 4-Methylphenol	0.050	< 0.050
2-Methylphenol	0.050	< 0.050
2,4-Dinitrotoluene	0.050	< 0.050
Hexachlorobenzene	0.050	< 0.050
Hexachlorobutadiene	0.050	< 0.050
Hexachloroethane	0.050	< 0.050
Nitrobenzene	0.050	< 0.050
Pyridine	0.25	< 0.25
Pentachlorophenol	0.25	< 0.25
2,4,6-Trichiorophenoi	0.050	< 0.050
2.4,5-Trichlorophenol	0.050	< 0.050

Laboratory Supervisor

Report Date:

June 21, 2000



INORGANIC ANALYSIS REPORT

AMERICAN WEST ANALYTICAL LABORATORIES Client: Wilson Environmental

Date Sampled: June 9, 2000

Project: Weatherford/Farmington

Lab Sample ID:

L41545-06A

Contact: C.B. Jacobson

Date Received: June 12, 2000

Field Sample ID:

FC-SP

463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686 Toli Free (888) 263-8686 Fax (801) 263-8687

TCLP METALS Method 1311		Date	Method	Reporting	Amount
Analytical Results	Units	Analyzed	Used	Limi:	Detected
Arsenic	mg/L	6/15/00	6010B	2.0	< 2.0
Barium	mg/L	6/15/00	6010B	0.050	< 0.050
Cadmium	mg/L	6/15/00	6010B	0.030	< 0.030
Chromium	πg∕L	6/15/00	6010B	0.050	< 0.050
Leed	mg/L	6/15/00	6010B	0.10	< 0.10
Selenium	mg/L	6/15/00	6010B	0.50	< 0.50
Silver	m#/L	6/15/00	6010B	0.10	< 0.10

Released by:

Laboratory Supervisor

Report Date:

June 19, 2000



INORGANIC ANALYSIS REPORT

AMERICAN WEST Client: Wilson Environmental

Date Sampled: June 9, 2000

Contact: C.B. Jacobson

Date Received: June 12, 2000

ANALYTICAL LABORATORIES

Project: Weatherford/Farmington

Lab Sample ID:

L41545-06A

Field Sample ID:

FC-SP

463 West 3600 South Sait Lake City, Utah 84115

(801) 263-8686 Toll Free (888) 263-8686 Fax (801) 263-8687

TCLP METALS Method 1311		1311 Date	Method	Reporting	Amount
Analytical Results	Units	Analyzed	Used	Limit	Detected
Arsenic	mg/L	6/15/00	6010B	2.0	< 2.0
Barium	mg/L	6/15/00	6010B	0.050	< 0.050
Cadmium	mg/L	6/15/00	6010B	0.030	< 0.030
Chromium	mg/L	6/15/00	6010B	0.050	< 0.050
Lead	mg/L	6/15/00	6010B	0.10	< 0.10
Selenium	mg/L	6/15/00	6010B	0.50	< 0.50
Silver	mg/L	6/15/00	6010B	0.10	< 0.10

Released by:

Laboratory Supervisor

Report Date:

June 19, 2000

ORGANIC ANALYSIS REPORT



Client: Wilson Environmental

Collected: June 9, 2000

Contact: C.B. Jacobson

Analyzed: June 15, 2000

Received: June 12, 2000

Analysis Requested: Purge & Trap by GC/MS SW846 #8260B/5030A

AMERICAN WEST ANALYTICAL LABORATORIES

Lab Sample ID: L41545-06A Field Sample ID: FC-SP

Site ID: Weatherford/Farmington

Analytical Results for TCLP

F&D VOLATILES

	Units = mg/L		
	-	Reporting	Amount
463 West 3600 South	Compound	Limit	Detected
Salt Lake City, Utah	Acetone	0.20	< 0.20
84115	Benzene	0.040	< 0.040
	2-Butanone	0.20	< 0.20
	Carbondisulfide	0.040	< 0.040
	Carbon tetrachioride	0.040	< 0.040
	Chlorobenzene	0.040	< 0.040
(801) 263-8686 Toll Free (888) 263-8686	Chloroform	0.040	< 0.040
Fax (801) 263-8687	Cyclonexanone	2.0	< 2.0
	1,2-Dichlorobenzene	0.040	< 0.040
	1,4-Dichlorobenzene	0.040	< 0.040
	1,2-Dichloroethane	0.040	< 0.040
	1,1-Dichloroethene	0.040	< 0.040
	Ethyl acetate	0.10	< 0.10
	Ethyl ether	0.10	< 0.10
	Ethyibenzene	0.040	< 0.040
	Isobutanol	4.0	< 4.0
	Methylene chloride	0.040	< 0.040
	4-Methyl-2-pentanone	0.10	< 0.10
	2-Nitropropane	0.20	< 0.20
	Tetrachloroethene	0.040	< 0.040
	Toluene	0.040	< 0.040
	1,1,1-Trichloruethane	0. 040	< 0.040
	1,1,2-Trichloroethane	0.040	< 0.040
	Trichloroethene	0.040	< 0.040
	Trichlofluoromethane	0.040	< 0.040
	Vinyl chloride	0.020	< 0.020
	o-Xylene	0.040	< 0.040
	m & p Xylene	0.040	< 0.040

Lappratory Supervisor

Report Date.

June 21, 2000



INORGANIC ANALYSIS REPORT

AMERICAN WEST

ANALYTICAL LABORATORIES

Client: Wilson Environmental

Date Sampled: June 9, 2000

Project: Weatherford/Farmington

Lab Sample ID:

L41545-06B

Contact: C.B. Jacobson

Date Received: June 12, 2000

Field Sample ID:

FC-SP

463 West 3600 South Salt Lake City, Utah 84115

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Amount Detected
Flashpoint	۴	6/14/00	1010	200	>200
рН	pH units	6/13/00	9045C	0	7.30
Reactive Cyanide	mg∕kg	6/13/00	4500CNE	5.0	< 5.0
Reactive Sulfide	mg/kg	6/14/00	4500S2E	50	< 50

(801) 263-8686 Toiu Free (888) 263-8686 Fax (801) 263-8687

Released by:

Laboratory Supervisor

Report Date:

June 21, 2000

Page i of t

Address $\frac{277}{\text{Pro}_{1}}$ $\frac{13}{\text{State}}$ $\frac{7}{\text{Zip}}$	Λ	AMERICAN WEST ANALYTICAL LABORATORIES 463 West 3600 South Salt Lake City, Utah 84115	CHAIN OF CUSTODY (801) 263-8686 Fax (801) 263-8687	Lab Sample Set # Page Circle One: TAT	,,-
Phone/Fax 301-377532 / 97/0 Contact CA Jacobson Project Name Virse Delicited / Farming to a Project Number/P.O.# FARM-03 Lab ID No. (Lab Only) Sample ID	Date/Time Collected Matrix Number of Containers (Total)	Keep Correspondence		COMMENTS	LABORATORY USE ONL SAMPLES WERE: 1 Shipped or hand delivered Notes: 2 Ambient or Chilled Notes: 3 Temperature
=(-1 F(-2 F(-3)	5-7-90 5 3 1 1 1 1 5 5 4 1 1 1 1 1 1 1 1 1 1 1 1 1				(Improperty Sealed) Y N Notes: 5 Property Preserved Y N
F1-5; F1-5	55 V V 53 V V 54 V	·			Notes: i Received Within Holding Times Y N Notes:
					COC Tape Was:
					Y N 2 Unbroken on Outer Package Y N
Relinquished By: Signature	- Date/Time	Special Instru) Present on Sample Y N
Received By: Signature	Date/Time		Wilson n	Hoston	Unbroken on Sample Y N
PRINT NAME		<u> </u>	d C. 1 h.	3 - 1 · ·	Notes:
PRINT NAME Received By: Signature	Date/Time		327 /Yan	hegalony	Discrepancies Between to the Labels and COC Rec Y N Notes:

rict II - (505) 748-1283 5. First sia, NM 88210 rict III - (505) 334-6178 Rio Brazos Road 2. NM 87410 der IV - (505) 827-7131

DS. •

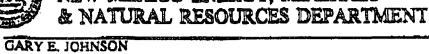
Oil Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

Submit Origina. Plus I Copy to appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE 00026
1. RCRA Exempt: Non-Exempt:	4. Generator Bushington Resources
Verbal Approval Received: Yes No No	5. Originating Site McGrath SWOFY
2. Management Facility Destination Tierra land Farm	6. Transporter Three Rivers
3. Address of Facility Operator #20 CR 3100 Aztec	8. State New Mex, co
7. Location of Material (Street Address or ULSTR) Mc Grath #95w0	Sec. 34 T. 30N R. 12W
 All requests for approval to accept oilfield exempt wastes will be accepted. All requests for approval to accept non-exempt wastes must be accepted. B. All requests for approval to accept non-exempt wastes must be accepted. PROVE the material is not-hazardous and the Generator's certification listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned. 	ompanied by necessary chemical analysis to not origin. No waste classified nazardous by
BRIEF DESCRIPTION OF MATERIAL:	
	rator at the end of the haul) SEP 2000 SEP 2000 DIST. STATE OF THE PROPERTY
IGNATURE: Waste Management Facility Authorized Agent YPE OR PRINT NAME: Pavid Banas 42 TELE	Monager DATE: 6-23-06 EPHONE NO. 334-8894
This space for State Use) APPROVED BY: Deny term TITLE: Geolog TITLE: Dolog TITLE: Dolog TITLE: Dolog	15 T DATE: 9/28/00 16 Instance === 9/28/00

NEW MEXICO ENERGY, MINERALS

OIL SOMESEVATION DIVISI-AZTEG DISTRICT OFFICE 1900 RIG BRAZOS ROAD AZTEC, NEW MEXICO 474' (306) 354-6178 Fee (606)354-



COVERNOR

JENNIFER A. SALISBUR' CABINIT SECRETARY

CERTIFICATE OF WASTE STATUS

I. Generator Name and Address:	2. Destination Name:	
Burlington Resources 3401 E. 30th Street Farmington, NM 87401	Tierra	
3. Originating Site (name):	Location of the Waste (Street ac	idress &/or ULSTR):
McGrath SWD #4	McGrath SWD #4 Unit: SW Section: 34 Township:	30N Range: 12W
Attack list of priginging sites as expression		
4. Source and Description of Wasts		
Tank Bottoms		
	•	
•		representative for:
Steve Florez (Print N		ishieskiifariae iei:
		do hereby certify that
consider on the Recourse Conservation	n and Recovery Act (RCRA) and Environmenta	Protection Agency's July
1988, regulatory determination, the abo	wa described waste is: (Chack appropriate dessific	#8neul
X EXEMPT oilfield waste	NON-EXEMPT cilfield waste which is non-h analysis or by product identification	azardous by characteristic
and that nothing has been added to the	exempt or non-exempt non-hazardous waste of	defined above.
For NON-EXEMPT waste the follow MSDS Information RCRA Hazardous Was Chain of Custody	ing documentation is attached (check appropria Other (descriptions Analysis	ate items): en):
This waste is in compliance with Regulate 20 NMAC 3.1 subpart 1403.C and I	ated Levels of Naturally Occurring Radioactive	Material (MORM) jursus
Name (Original Signature):	Shew	
Title: foreman		
Data: Wednesday, June 21, 2	2000	
Way. 51 2666 10:134M P2	: "UN XH4	: 1A

First II - (505) 746-1283 5. First iia. NM 88210 rict III - (505) 334-6178 Rio Brazos Proad 2. NM 87410 rict IV - (505) 827-7131	Oil Conservation Divisi 2040 South Pacheco Street Santa Fe, New Mexico 8750 (505) 827-7131	Submit Origin
REQUEST	FOR APPROVAL TO ACCEP	T SOLID WASTE OOST
1. RCRA Exempt: Non-Exem	pt: 0 O. Foust	4. Generator Synergy Operating
Verbal Approval Received -2300	es 🚺 No 🗍	5. Originating Site Papers Unit
2. Management Facility Destination	ierra Landtarm	6. Transporter Scat Hat Wash
3. Address of Facility Operator 420	CR 3100 Azteo	8. State New Mexico
Location of Material (Street Address	s or ULSTA) Papers Wash Unit	Sec. 15 T. 19N. R. 05W
B. All requests for approval to acc	bb. rept non-exempt wastes must be according and the Generator's certification. d.	companied by a certification of waste from the companied by necessary chemical analysis to ion of origin. No waste classified nazardous by
RIEF DESCRIPTION OF MATERIAL:		The second secon
Tank Rinsate, From	Production Tank	SEP 2000 RECEIVED TO THE ONL COAL DIV TO THE O

GNATURE DELICATION OF THE Land Form Manager DATE: 6-26-00
Wasse Management place introduction agent

VPE OR PRINT NAME: David Bonawitz TELEPHONE NO. 334-8894

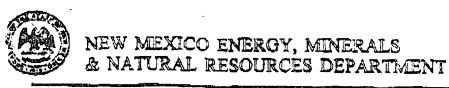
This space for State Use)

PERCUED BY: Derry Tourt TITLE: Geologist DATE: 9/28/00

PERCUED BY: Charlet Ferry Tourt TITLE: Geologist DATE: 9/28/00

PERCUED BY: Charlet Ferry Tourt TITLE: Geologist DATE: 9/28/00

44 MAEB: 68 8885 45 .74A



OIL CONSERVATION DIVISION AZTEC DISTRICT DEFICE 1000 RIG BRAZGE RCAD AZTEC, HEW MEXICO E7410 (504) 354-6171 Fax (505)334-6-70

GARY E. JOHNSON GOVERNOR

JENNIFER A. SALISBURY CABINET SECRETARY

EBCM :

CERTIFICATE OF WASTE STATUS

	420 cour, Read 3100, AZTEC, NM 87410
1. Generator Name and Address: SYNERBY OPERATIVE, LLC PO BOX 5513 FARMWITON, NM 87499- 8513	2. Destination Name: (MAIL) TIERRA ENVIRONMENTAL COMPANY, INC. PO DYAMA 15250 FORMATION B7401
3. Originating Site (name): PAPERS WASH UNIT WEll TANK BATTERY Attach list of originating sites so appropriate	Location of the Wasse (Street address & loi ULSTR): CUINT: CIPINC 51 ROAD 5570, FARMUTON, MM, 87401 ORIGINAL: SECTION 15-TI9N-ROSW, New MEXICO
4. Source and Description of Waste PRODUCTION STORAGE TANKS FOR OIL RESIDUE FROM STEAM CLEANS	
THO MAS E. MVLLINS (Print Name) SYNERGY OFERATING, LLC according to the Resource Conservation and R 1988, regulatory determination, the above desc	do hereby certify that ecovery Act (RCRA) and Environmental Protection Agency's July
EXEMPT cilfield waste NON	I-EXEMPT oilfield waste which is non-hazardous by characteristic yels 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 docu MSDS Information RCRA Hazardous Waste Analy Chain of Custody	mantation is attached (check appropriate items): Other (description):
This waste is in compliance with Regulated Level to 20 NMAC 3.1 subpart 1403.C and D.	els of Naturally Occurring Redioactive Material (NCRM) pursuan
Name (Original Signature):	ale
Title: ENGINEERING MANAGER	505-325-6561
Date: 6-22-Z000	

FBX ND, :

ict II - (505) 748-1283 5. First iia. NM 88210 ict III - (505) 334-6178 i Rio Brazos Road 2. NM 87410 ict IV - (505) 827-7131

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

Submit Origina Plus 1 Copy to appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE 60026
1. RCRA Exempt: Non-Exempt: D. Foust	4. Generator Burlington Resource
Verbal Approval Received: 7-22 Wyes No No	5. Originating Site McGeth SWD 4
2. Management Facility Destination Tierra land Farm	6. Transporter WSS
3. Address of Facility Operator #420 CR 3100 Aztee	8. State New Mexico
7. Location of Material (Street Address or ULSTR) McGrath Swoy	See 34 T30N R 12W
A. All requests for approval to accept oilfield exempt wastes will be accepted. B. All requests for approval to accept non-exempt wastes must be accepted. PROVE the material is not-hazardous and the Generator's certification listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned.	ompanied by necessary chemical analysis to n of origin. No waste classified nazardous by
Contaminated Soil	
Wasie Management Facility Authorized Agent	erator at the end of the haul)
	0d 6 instable == 9/28/00

DIL CONSERVATION DIVISI ACTED DISTRICT OFFICE 1880 RID BRAZOS ROAD AZTED, NEW WEXIGO 874 [905] 334-6178 FRE (905)334

> Jennifer A. Salisbur Cabinet Secretary

GARY E. JOHNSON

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address:	2. Destination Name:
Burlington Resources	Tierra
3401 E. 30th Street Farmington, NM 87401	
	Location of the Waste (Street address &/or ULSTR):
3. Ungmating Site (name):	
McGrath SWD #4	McGrath SWD #4 SW Section: 34 Township: 30N Range: 12W
, , ,	an page and a same and a same and a same
Attack list of originating sites as appropriate	
Source and Description of Waste	
Oily dirt from soil clean-up	
•	
4	
	. representative for:
Terry Nelson (Print Name)	(chi sasutatiae idit
Burnishmann Booksmann	do hereby certify the covery Act (RCRA) and Environmental Protection Agency's July
988, regulatory determination, the above descr X EXEMPT oilfield waste NON-	EXEMPT cilfield waste which is non-hazardous by characteristic
BUSIA SALVANO AND BUSIA	sis or by product identification
analy	sis er by product identification or non-exempt non-hazardous waste defined above.
analy	or non-exempt non-hazardous waste defined above. mentation is attached (check appropriate items): Other (description):
analyse and that nothing has been added to the exempt For NON-EXEMPT waste the following documents on the following documents of the following documents on the following documents on the following documents on the following documents on the following documents on the following documents of the following documents of	sis or by product identification or non-exempt non-hazardous waste defined above. mentation is attached (check appropriate items): Other (description): sis
analy. and that nothing has been added to the exempt For NON-EXEMPT waste the following documents on the following documents of the following documents of	sis or by product identification or non-exempt non-hazardous wasts defined above. mentation is attached (check appropriate items): Other (description): sis
and that nothing has been added to the exempt For NON-EXEMPT waste the following documents on the MSDS information from the MSDS information from the MSDS information from the Maste Analyst Chain of Custody This waste is in compliance with Regulated Level to 20 NMAC 3.1 subpart 1403.C and D. Name (Original Signature):	or non-exempt non-hazardous waste defined above. mentation is attached (check appropriate items): Other (description):

- (505) 748-1283 il Conservation Division First 2040 South Pacheco Street NM-88210 ें (505) 33[§]-6178 Santa Fe, New Mexico 87505 Rio Brazos Mad (505) 827-7131 NM 87410 - (505) 827-7131

Submit Origin. Plus I Čor to appropria: District Offic

REQUEST FOR APPROVAL TO ACCEPT	20LID MA21E
RCRA Exempt: Non-Exempt:	4. Generator Burlington Res,
Verbal Approval Received: Yes No 🔽	5. Originating Site 10 -toth SWI)
Management Facility Destination - V F vannonta	6. Transporter
Address of Facility Operator 410 C 3 10 A 2 Lec 8941	
Location of Material (Street Address or ULSTR)	WS3 TOWKINW
Circle One:	
All requests for approval to accept oilfield exempt wastes will be accepted. B. All requests for approval to accept non-exempt wastes must be accepted. PROVE the material is not-hazardous and the Generator's certification listing or testing will be approved.	ompanied by necessary chemical analysis to
All transporters must certify the wastes delivered are only those consigned	i for transport.
Tank BoHoms (BS+W) Aug 20 RECEIVOIL CONDIST.	VED ON ON ON ON ON ON ON ON ON ON ON ON ON
mated Volume 320 Rb/s cy Known Volume (to be entered by the ope	erator at the end of the haul) ————————————————————————————————————
	ental SpecialistoATE: 8/14/00 EPHONE NO. 334-8894
his space for State Use)	edist Olyhoe

OIL ECHSERVATION ON ARTER DISTRICT CIFF 1000 RIC BRACOR RE ARTEC, NEW MERICO 1 (505) 394-6178 FRE (505)3

> Jennifer A. Salisbi Cabinet Secreta

GARY E. IOHNSON

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address:	2. Destination Name:
Burlington Resources	
3401 East 30th Street	Tierra
Farmington, NM 87401	
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
M. Corrello GTM H.	McGrath SWD #4
McGrath SWD #4 Unit: SW	Section: 34 Township: 30N Range: 12W
Attach list of originating sites as supropriate	
4. Source and Description of Waste	
Tank Bottoms	
•	
•	
Steve Florez Print Name)	representative for:
Burlington Resources	do hereby certify that,
according to the Resource Conservation and Recov	ery Act (RCRA) and Environmental Protection Agency's July,
1988, regulatory determination, the above described X EXEMPT olifield waste NON-EXE	waste is: (Check appropriate classification) MPT oilfield waste which is non-hazardous by characteristic
1988, regulatory determination, the above described X EXEMPT olifield waste NON-EXE	waste is: (Check appropriete classification) MPT cilfield waste which is non-hazardous by characteristic or by product identification
1988, regulatory determination, the above described X EXEMPT olifield wasteNON-EXE analysis (MPT oilfield waste which is non-hazardous by characteristic or by product identification on-exempt non-hazardous waste defined above. tation is attached (check appropriate items): Other (description):
X EXEMPT cliffeld waste NON-EXE analysis of that nothing has been added to the exempt or non-exempt of the exempt of the	MPT oilfield waste which is non-hazardous by characteristic or by product identification on-exempt non-hazardous waste defined above. tation is attached (check appropriate items): Other (description):
1988, regulatory determination, the above described X EXEMPT cliffield waste	MPT oilfield waste which is non-hazardous by characteristic or by product identification on-exempt non-hazardous waste defined above. tation is attached (check appropriate items): Other (description):
X EXEMPT olifield waste NON-EXE analysis of and that nothing has been added to the exempt or non-exempt waste the following document MSDS Information — MSDS Information — MCRA Hazardous Waste Analysis — Chain of Custody This waste is in compliance with Regulated Levels of to 20 NMAC 3.1 subpart 1403.C and D.	MPT oilfield waste which is non-hazardous by characteristic or by product identification on-exempt non-hazardous waste defined above. tation is attached (check appropriate items): Other (description):
X EXEMPT olifield waste NON-EXE analysis of and that nothing has been added to the exempt or non-exempt of the exempt of	MPT oilfield waste which is non-hazardous by characteristic or by product identification on-exempt non-hazardous waste defined above. tation is attached (check appropriate items): Other (description):

Aug-14-2000 09:26am Fromin asic iniailiesi

Date

T-453 P.Q02/005 F-790

8/14/200

Barlington Resources, San Juan Division

3401 East 30 th Street

P.O. Box 4289

Farmington, NM 87499-4289

	Se	efety and Environmental	Complete:	्राहरू स्थापना विकास स्थापना विकास स्थापना विकास स्थापना स्थापना स्थापना स्थापना स्थापना स्थापना स्थापना स्थाप स्थापना स्थापना
Waste Location:	Mc Grath SWD #4			
	Unit: SW Section: 34 Town	astrip 30N Range: 12W		
Volume:	U Cubic Vards	320 Barrels	0 Gallons	Costs: \$14.00
Description:	Tank Bottoms			
	Profile Number: Tank Rot	Tôms		
Source:	Tank Bottoms			
Disposal Location:	Tierra			
Waste Datermination	I hereby certify, represent a	nd warrant that the wastes an	l hereby certify, that ac	cording to the Resource
	generated from oil and gas o		Conservation and Reco	very Act (RCRA) and
	operations exempt from Res Recovery Act (RCRA) Subt		Environmental Protecti	on Agency's July, 1988, on the above described waste is
			Non-Exempt oilfield wa	ste which is non-hazardous by
		/	characteristic analysis o	r by product identification.
Approval for Disposal:	Signature: 75	Date;	Signature:	Date:
	Title:		Title:	
TO SECTION OF THE SEC		BR Representative Co	mmlate:	Secretaria de la companya del companya de la companya del companya de la companya
	D			· ,
ransportation Company:	Dawn Trucking			
R Representative on Site	Dates Transported:			
	Signature:	Date:		
		. (20 20 20 20 20 20 20 20 20 20 20 20 20 2		
Complete and return Environmental Depar	to Burlington Safety and tment with Invoice:	Disposal Facility Com	plete:	en anna () - The Constitute of the State of the second
	Dates Received:	The state of the s		
	Volume Received:			
	Waste Location: Cell/C	Grid No.		
•	Received By:			
Comments: <i>Disposal</i> j	acsuty picase return manifest	to Burlington Resources, atten- 3401 East 30 th Street	tion Gregg Wurtz (505)	326-9837
<u></u>		Farmington, NM 87401		

id II - (505) 748-1283 First a. NM 38210 cr III - (505) 334-6178 Santa Fe, N	rvation Division orth Pacheco Street New Mexico 87505 5) 827-7131	Submit Origin Plus I Co- to appropria District Offi
REQUEST FOR APPROV	'AL TO ACCEPT SOLID \	WASTE
RCRA Exempt: Non-Exempt:	4. Ge	enerator Burlington Res.
Verbal Approval Received: Yes 🔲 No	5. 0	riginating Site M. Gmth SWD#4
. Management Facility Destination Tierra En	itronmental 6. Tra	ansporter
Address of Facility Operator 425 CR 3/00	Arta 87410 8. St	ate //
. Location of Material (Street Address or ULSTR) Mc	Graty SWD HY SW S3	14 T3ON RIZW
. Circie One:		
All requests for approval to accept oilfield exempt Generator; one certificate per job. B. All requests for approval to accept non-exempt w PROVE the material is not-hazardous and the Generating or testing will be approved. All transporters must certify the wastes delivered are o	rastes must be accompanied l nerator's certification of origin.	by necessary chemical analysis to. No waste classified nazardous by
RIEF DESCRIPTION OF MATERIAL:		
Contaminated Gravel		
:timated Volume cy Known Volume (to I	be entered by the operator at the	end of the haul) ay
₩aste Management FacilityAuthorized Agent	ITLE: FOUNDAMENTAL SPECIAL	· /
,	ITLE: <u>gedlogist</u>	DATE: 8/14/100

OIL COMSERVATION ON ARTEC BISTRICT OFF 1800 RIC BRAZOS RC ARTEC, NEW MERICO I (505) 354-8178 FRE (805);

GARY E. JOHNSON

Jennifer A. Salisbi Cabinet Secreta

CERTIFICATE OF WASTE STATUS

l <u> </u>	2. Destination Name:
Burlington Resources	Tierra
3401 East 30th Street	
Farmington, NM 87401	
3. Originating Site (name):	. Location of the Waste (Street address &/cr ULSTR):
McGrath SWD #4	McGrath SWD #4
Unit: S	W Section: 34 Township: 30N Range: 12W
	· ·
Attach list of priginating sites as exprepriate	
4. Source and Description of Waste	
Contaminated gravel	
Course Windfeld States	
•	
I,Steve Florez	representative for:
(Print Name)	· · · · · · · · · · · · · · · · · · ·
Burlington Resour	ces do haraby certify that,
1988, regulatory determination, the above describ	
X EXEMPT oilfield waste NON-E	XEMPT oilfield waste which is non-hazardous by characteristic s or by product identification
analysi	XEMPT cilfield waste which is non-hazardous by characteristic s or by product identification
analysis and that nothing has been added to the exempt or	XEMPT pilitield waste which is non-hazardous by pharacteristic s or by product identification r non-exempt non-hazardous waste defined above.
analysis and that nothing has been added to the exempt or For NON-EXEMPT waste the following docume MSDS Information RCRA Hazardous Waste Analysis	XEMPT ciltield waste which is non-hazardous by characteristic s or by product identification r non-exempt non-hazardous waste defined above. softation is attached (check appropriate items): Other (description):
analysis and that nothing has been added to the exempt or For NON-EXEMPT waste the following docume MSDS Information	XEMPT ciltield waste which is non-hazardous by characteristic s or by product identification r non-exempt non-hazardous waste defined above. softation is attached (check appropriate items): Other (description):
analysis and that nothing has been added to the exempt or For NON-EXEMPT waste the following docume MSDS Information RCRA Hazardous Waste Analysis Chain of Custody	XEMPT ciltield waste which is non-hazardous by characteristic s or by product identification r non-exempt non-hazardous waste defined above. softation is attached (check appropriate items): Other (description):
analysis and that nothing has been added to the exempt or For NON-EXEMPT waste the following docume MSDS Information RCRA Hazardous Waste Analysis Chain of Custody This waste is in compilance with Regulated Levels	XEMPT cilitied waste which is non-hazardous by characteristic s or by product identification r non-exempt non-hazardous waste defined above. entation is attached (check appropriate items): Other (description): of Naturally Occurring Radioactive Material (NORM) pursuant
analysis and that nothing has been added to the exempt or For NON-EXEMPT waste the following docume MSDS Information RCRA Hazardous Waste Analysis Chain of Custody This waste is in compliance with Regulated Levels to 20 NMAC 3.1 subpart 1403.C and D.	XEMPT cilitied waste which is non-hazardous by characteristic s or by product identification r non-exempt non-hazardous waste defined above. entation is attached (check appropriate items): Other (description): of Naturally Occurring Radioactive Material (NORM) pursuant
analysis and that nothing has been added to the exempt or For NON-EXEMPT waste the following docume MSDS Information RCRA Hazardous Waste Analysis Chain of Custody This waste is in compliance with Regulated Levels to 20 NMAC 3.1 subpart 1403.C and D. Name (Original Signature):	XEMPT cilitied waste which is non-hazardous by characteristic s or by product identification r non-exempt non-hazardous waste defined above. entation is attached (check appropriate items): Other (description): of Naturally Occurring Radioactive Material (NORM) pursuant

T-453 P.004/005 F-790

Date

8/14/200

Burlington Resources, San Juan Division

3401 East 30 th Street

P.O. Box 4289

Farmington, NM 87499-4289

	<u>Safe</u> s	y and Environmental Co	omplete:	
Waste Location:	Mc Grath SWD #4 Unit: SW Section: 34 Township	30N Range: 12W		
Volume: Description:	Cubic Yards Oil Contaminated Soil	0 Barreis	d Gallons C	osts: \$14.00
	Profile Number: Oil Contamir	ated Soil		
Source:	Contaminated gravel	ر (((((((((((((((((((
Disposal Location:	Tierra			
<u>Waste Determination</u>	I hereby certify, represent and generated from oil and gas exp operations exempt from Resou Recovery Act (RCRA) Subtitle	loration and production rce Conservation and	I hereby certify, that according and Recovery Environmental Protection regulatory determination to Non-Exempt oilfield waste characteristic analysis or b	Act (RCRA) and Agency's July, 1988, he above described waste is which is non-hazardous by
ppraval for Disposal;	Signature: 75	Date:	Signature:	Date:
	Title:		Title:	
		BR Representative Co.	mplete:	
ransportation Company	Ralph Miller			
R Representative on Sit	Dates Transported:			
	Signature:	Dates	- Name	
Complete and return Environmental Depart	n to Buriington Salety and rement with Invoice:	Disposal Facility Com	olete:	
	Dates Received:			
	Volume Received:			
	Waste Location: Cell/Gr	id No.		
	Received By:			
Comments: Disposa	facility please return manifest to	Burlington Resources, attent 3401 East 30 th Street Farmington, NM 87401		6-9537

obs. NM 88241-1980 rict II - (505) 748-1283 S. First sia, NM 38210 <u>rict III</u> - (505) 334-6178 7 Rio Brazos Road

c. NM 87410

Energy winerals and Natural Resources Department)il Conservation Division 2040 South Pacheco Street

Originated 3/8,97

Santa Fe, New Mexico 87505 (505) 827-7131

Submit Or	igina.
Plus I	Copy
to appro-	

rict IV - (505) 827-7131	
REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE
1. RCRA Exempt: Non-Exempt:	OOUBIC TANK 4. Generator Corp
Verbal Approval Received: Yes 🔲 No 🔲	5. Originating Site Black Field
2. Management Facility Destination TIERRA LANGFARM	6. Transporter DOUBLE TANK
3. Address of Facility Operator 420 CR 3100 Aztec NM 87410	8. State New Mexico
7. Location of Material (Street Address or ULSTR) 303 Hwy 544 Bloom Field	
9. <u>Circle One</u> :	
All requests for approval to accept oilfield exempt wastes will be accommodated Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompact the material is not-hazardous and the Generator's certification listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned.	ompanied by necessary chemical analysis to not origin. No waste classified hazardous by
BS+W From production tank cle For repairs,	earted to At YARd
	AUG 2000 RECEIVED CILCON. DIV DIST. 3
Estimated Volume cy Known Volume (to be entered by the ope	erator at the end of the haul) ————————————————————————————————————
SIGNATURE: Waste Management FacilityAuthonzed Agent Waste Management FacilityAuthonzed Agent	
THE OR PRINT NAME: Phillip C. Nobis TEL	EPHONE NO
(This space for State Use)	
APPROVED BY: Hugh TITLE: 910	logist DATE: 8/14/00

Jany TITLE: Geo/0-9/5/ 37= 8 1 00

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

GARY E. JOHNSON GOVERNOR

JENNIFER A. SALISBURY CABINET SECRETARY

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address:	2. Destination Name:
Double TANK	TICARA LANDFARM
303 Hwy 544	420 CR 3100
BLOOMFIELD, NM 87413	Aztee, NM 8H/O Location of the Waste (Street address &/or ULSTR):
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
Double TANK YARK	303 HWY 544
Attach list of originating sites as appropriate	BhoomField, NM 8743
4. Source and Description of Waste	
Production TANK B	S+W From TANKS
Being Repaired At YAI	rd
•	
I, Will LOVATO (Print Name)	
Print Name)	
according to the Resource Conservation and Recover	do hereby certify that, ry Act (RCRA) and Environmental Protection Agency's July,
1988, regulatory determination, the above described	
	IPT oilfield waste which is non-hazardous by characteristic by product identification
and that nothing has been added to the exempt or no	n-exempt non-hazardous waste defined above.
For NON-EXEMPT waste the following documenta MSDS Information 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):	A second
to 20 NMAC 3.1 subpart 1403.C and D.	personal formation of the control of

1912, 9110, 149,01191, 140,20,011,662, 124 - (505) 748-1283 il Conservation Division Submit Origin 2040 South Pacheco Street NM 88210 Plus 1 Cat - (505) 334-6178 Santa Fe, New Mexico 87505. to appropria 3 Brazos Road District Offic (505) 827-7131 M 87410 - (505) 827-7131 REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE into Cha 1 RCRA Exempt: X Non-Exempt: 4. Generator c rath Sh No 🔼 5. Originating Site Verbal Approval Received: Management Facility Destination True Franconmen 6. Transporter Address of Facility Operator C 300 Location of Material (Street Address or ULSTR) Circie 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 nazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport. IEF DESCRIPTION OF MATERIAL: Tank Bittims (BS+11W) - cy Known Volume (to be entered by the operator at the end of the haul) --TITLE: Europonmental Specialist DATE: 6/2/00 NATURE. Walla Mall gement FacilityAuthorized Agent PE OR PRINT NAME

nis space for State Use)

TITLE: Gredos 1=5 t

SATE: 8-2-00

OIL GONEGRVATION DIVI AZTED DEBTRICT OFFIC 1980 RIG GRAZOS ROA AZTEC, NEW MÉRICO 87 (585) 336-0478 FEE (505)38

GARY E. JOHNSON

Jennifer A. Salishu Carinet Secretar

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address:	2. Destination Name:
Burlington Resources 3401 East 30th Street Farmington, NM 87401	Tierra
3. Originating Site (name):	Lecation of the Waste (Street address &/or ULSTR):
McGrath SWD #4	NcGrath SWD #4 Unit: SW Section: 34 Township: 30N Range: 12W
Attach list of priginating sites so soon	prints
4. Source and Description of Wast	
Tank Bottoms	·
·	
	,
. Terry Nelson	representative for:
77 4	t Name) ces do hereby certify the stion and Recovery Act (RCRA) and Environmental Protection Agency's July
X EXEMPT cilfield waste	NON-EXEMPT cilfield 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. lowing documentation is attached (check appropriate items): Other (description):
and that nothing has been added to For NON-EXEMPT waste the for MSDS Informatio RCRA Hazerdous Chein of Custody	the exempt or non-exempt non-hazardous waste defined above. Lowing documentation is attached (check appropriate items): Other (description): Waste Analysis gulated Levels of Naturally Occurring Redioactive Material (NORM) pursuend D.
and that nothing has been added to For NON-EXEMPT waste the for MSDS Information RCRA Hazerdous Chein of Custody This waste is in compliance with R to 20 NMAC 3.1 subpart 1403.C a	the exempt or non-exempt non-hazardous waste defined above. lowing documentation is attached (check appropriate items): Other (description): Waste Analysis guisted Levels of Naturally Occurring Redioactive Material (NORM) pursuand D.
and that nothing has been added to For NON-EXEMPT waste the for MSDS Information RCRA Hazerdous Chein of Custody This waste is in compliance with R to 20 NMAC 3.1 subpart 1403.C a	the exempt or non-exempt non-hazardous waste defined above. Lowing documentation is attached (check appropriate items): Other (description): Waste Analysis gulated Levels of Naturally Occurring Redioactive Material (NORM) pursuend D.
and that nothing has been added to For NON-EXEMPT waste the for MSDS Information RCRA Hazerdous Chein of Custody This waste is in compliance with Rete 20 NMAC 3.1 subpart 1403.C and Name (Original Signature): Signature:	the exempt or non-exempt non-hazardous waste defined above. lowing documentation is attached (check appropriate items): Other (description): Waste Analysis guisted Levels of Naturally Occurring Redioactive Material (NORM) pursuand D.

P.002/003

8/01/200

Manifest Number:

Waste Manifest

Burlington Resources, San Juan Division

3401 East 30 th Street

P.O. Box 4289

Farmington, NM 87499-4289

	Sa	fetv and Environmental C	Complete:	
Waste Location:	Mc Grath SWD #4 Units SW Sections 34 Towns	whip 30N Range: 12W		
1 Luliuna.	6 Cubio Yards	323 Rarreio	1 Callone Comm	\$14.00
Description:	Tank Bottoms		·	
	Profile Number: Tank Bott	<u>oms</u>		
Source:	Tank Bottoms			
Disposal Location:	Tierra	<u> </u>		
		· · · · · · · · · · · · · · · · · · ·		· . ·
<u>Waste Determination</u>	I bereby certify, represent as generated from oil and gas e operations exempt from Ros Recovery Act (RCRA) Subti	ource Conservation and	I hereby certify, that according to the Conservation and Recovery Act (Resistance of Environmental Protection Agency' regulatory determination the above Nea-Exempt oilfield waste which is characteristic analysis or by produ	CRA) and s July, 1988, s described waste is non-bazardous by
Approval for Disposal:	Signature:	-11-1- Date: 8/2	& Signature:	Date:
porova for Disposal.	Title:	Production of	Title:	
		BR Representative Ca	mplete:	
Fransportation Company	Dawn Trucking			
BR Representative on Sit	e: Dates Transported:			
		Mak Date: 8/	100	
	s to Burlington Safety and artmost with Invoices	Disposal Facility Com	plete:	
	Dates Received:			
	Volume Received:			
	Waste Location: Cell/0	Grid No.		
	Received By:			<u>_</u>
Comments: Disposal	l facility please return manifest	to Burlington Resources, atten 3401 East 30 th Street	tion Gregg Wurtt (505) 326-9537	
1		Farmington, NM 87401		

NM 8219 117 (505) 334-6178 2 Brazos Road NM 87410 - (505) 827-7131 2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Submit Origi Plus 1 Co to appropri District Off

REQUEST FOR APPROVAL TO ACCEPT S	SOLID WASTE
RCRA Exempt: Non-Exempt: 2	4. Generator Key Enucy
Verbal Approval Received: Yes No No	5. Originating Site Enc.
Management Facility Destination work mental	6. Transporter
Address of Facility Operator LR D atec 4	8. State
Location of Material (Street Address or ULSTR)	51 w rifur 4
Circie One:	
A. All requests for approval to accept oilfield exempt wastes will be accondeneator; one certificate per job. All requests for approval to accept non-exempt wastes must be accompressed by the material is not-hazardous and the Generator's certification listing or testing will be approved.	npanied by necessary chemical analysis to
Il transporters must certify the wastes delivered are only those consigned f	for transport.
EF DESCRIPTION OF MATERIAL:	
Vaste From Shop Sumps Aug 2000 Aug	AUG 2000 ON ON ON ON ON
	•
cy Known Volume (to be entered by the opera	ator at the end of the haul)
NATURE. TITLE: Environment E OR PRINT NAME: Jevemy J. Bath TELEF	PHONE NO. 334-8494

his space for State Use)

PROVED BY:

TITLE: Environmental Cocologi

DATE: 8-7-00

PROVED BY:

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

Submit Origin
Plus | Coto appropria
District Offi

REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE
RCRA Exempt: Non-Exempt:	4. Generator Key Enusy
Verbal Approval Received: Yes No No	5. Originating Site Lay Energy
Management Facility Destination Tierra Environmental	6. Transporter
Address of Facility Operator ULO CR 3/00 Artec \$940)	8. State N. M
Location of Material (Street Address or ULSTR)	5651 HWY 64 Farmington 6740
Circle One:	
A. All requests for approval to accept oilfield exempt wastes will be accepted an acceptance on a certificate per job. All requests for approval to accept non-exempt wastes must be accepted and the Generator's certification listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned.	ompanied by necessary chemical analysis to n of origin. No waste classified nazardous by
EF DESCRIPTION OF MATERIAL:	
Waste From Shop Sumps Aug 2000 OIL ON ON ON ON	
nated Volume ————————————————————————————————————	erator at the end of the haul) ————————————————————————————————————
TIE BORDOM HOUNDANDORTON ANDRE	Hal Specialist DATE: 8/2/00 EPHONE NO. 334-8494
nis space for State Use)	

Geo/09/5/

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address:	2. Destination Name:
Ken Faran Canina I	
Key Energy Services, Inc. Four Comers Division	Тієгта Environmental Company, Inc.
5651 US Highway 64	Crouch Mesa Landfarm
	420 C.R. 3100
Farmington NM, 84701	Aztec, NM 87401
3. Originating Site: (name):	Location of the Waste (Street Address &/or ULSTR
Key Energy Services, Inc.	Shop Sumps of our Main Facility located
Four Comers Division	at the address listed to the left.
5651 US Highway 64	
Farmington, NM 87401	
(Attach list of origination sites as appropriate)	
4. Source and Description of Waste	
This waste was generated at the above address in	n the main rig shop, wash bay and engine shop. This is
the solid waste that was washed off the equipmer	nt prior, during, and after repair.
	a man de market de le contra company de la
I, Bob James, representative for Key Energy Se	ervices, Four Corners Division do hereby certify that
according to the Resource Conservation and Rec	overy Act (RECA) and Environmental Protection
Agency's July 1988, regulatory determination, the	above described waste is:
(Check appropriate classification)	
EXEMPT oilfield waste X	NON-EXEMPT oilfield waste which is non-hazardous
EACHIF I Olineiu Waste A	by characteristic analysis or by product Identification.
	by characteria analysis of ay provide
and that nothing has been added to the exempt o	r non-exempt non-hazardous waste defined above.
For NON-EXEMPT waste only the following docu	mentation is attached (check appropriate items):
MSDS Information	A Other (description).
RCRA Hazardous Waste Analys	sis Testing done by Envirotech,
X Chain of Custody	Please note test results.
\sim \sim \sim	
1	
Name (Original Signature):	1 com
Title: Farmington Shop Ma	anager
	-408
Date: July 31,	2000



July 20, 2000

Mr. Bob James Key Energy Service, Inc. P.O. Box 900

Phone: (505) 327-0416

Client No.: 98065-03 Job No.: 806503

Farmington, NM 87499

Dear Mr. James,

Enclosed are the analytical results for the sample collected from the location designated as "Rig Shop Sump". One sludge sample was collected by Envirotech personnel on 7/14/00, and received by the Envirotech laboratory on 7/14/00 for TCLP W/O Herbicides and Pesticides.

The sample was documented on Envirotech Chain of Custody No. 8071 and assigned Laboratory No. H738 (Rig Shop Sump) for tracking purposes.

The sample was analyzed 7/17/00 thru 7/19/00 using USEPA or equivalent methods.

Should you have any questions or require additional information, please do not hesitate to contact us at (505) 632-0615.

Respectfully submitted, **Envirotech, Inc.**

Christine M. Walters

Laboratory Coordinator / Environmental Scientist

enc.

CMW/cmw

C:/files/labreports/key.wpd



SUSPECTED HAZARDOUS **WASTE ANALYSIS**

Client: Sample ID:

Key Energy Rig Shop Sump Project #: Date Reported: 806503 07-17-00

Lab ID#:

H735

Date Sampled:

07-14-00

Sample Matrix:

Sludge Cool

Date Received:

07-14-00

Preservative: Condition:

Cool and Intact

Date Analyzed: Chain of Custody: 07-17-00 8071

Parameter

Result

IGNITABILITY:

Negative

CORROSIVITY:

Negative

pH = 6.88

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:

5651 US Hwy 64.

Review Mosters



E. ~ METHODS 8010/8020 AROMATIC / HALOGENATED VOLATILE ORGANICS

Client:	Key Energy	Project #:	806503
Sample ID:	Rig Shop Sump	Date Reported:	07-18-00
Laboratory Number:	H735	Date Sampled:	07-14-00
Chain of Custody:	8071	Date Received:	07-14-00
Sample Matrix:	TCLP Extract	Date Extracted:	07-17-00
Preservative:	Cool	Date Analyzed:	07-18-00
Condition:	Cool & Intact	Analysis Requested:	TCLP

		Detection	Regulatory
	Concentration	Limit	Limits
Parameter	(mg/L)	(mg/L)	(mg/L)
Vinyl Chloride	0.0760	0.0001	0.2
1,1-Dichloroethene	0.0101	0.0001	0.7
2-Butanone (MEK)	0.0049	0.0001	200
Chloroform	0.0528	0.0001	6.0
Carbon Tetrachloride	ND	0.0001	0.5
Benzene	0.0017	0.0001	0.5
1,2-Dichloroethane	ND	0.0001	0.5
Trichloroethene	ND	0.0003	0.5
Tetrachloroethene	0.0153	0.0005	0.7
Chlorobenzene	0.0067	0.0003	100
1,4-Dichlorobenzene	0.0014	0.0002	7.5

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria	Parameter	Percent Recovery
	Trifluorotoluene	98%
	Bromofluorobenzene	99%

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:

5651 US Hwy 64.

Deu L. Ogenen Analyst

Review Misting Walters



EPA METHOD 8040 PHENOLS

Pristing Walters

Client:	Key Energy	Project #:	806503
Sample ID:	Rig Shop Sump	Date Reported:	07-19-00
Laboratory Number:	H735	Date Sampled:	07-14-00
Chain of Custody:	8071	Date Received:	07-14-00
Sample Matrix:	TCLP Extract	Date Extracted:	07-17-00
Preservative:	Cool	Date Analyzed:	07-19-00
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Detection Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	0.217	0.020	200
p,m-Cresol	0.094	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:

5651 US Highway 64.

Analyst . Cycum



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

Client:	Key Energy	Proiect #:	806503
Sample ID:	Rig Shop Sump	Date Reported:	07-19-00
Laboratory Number:	H735	Date Sampled:	07-14-00
Chain of Custody:	8071	Date Received:	07-14-00
Sample Matrix:	TCLP Extract	Date Extracted:	07-17-00
Preservative:	Cool	Date Analyzed:	07-19-00
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:

5651 US Hwy 64.

Ween L. Offeren

Priotini M Walters



∠PA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

Olicate		—	
Client:	Key Energy	Project #:	806503
Sample ID:	Rig Shop Sump	Date Reported:	07-19-00
Laboratory Number:	H735	Date Sampled:	07-14-00
Chain of Custody:	8071	Date Received:	07-14-00
Sample Matrix:	TCLP Extract	Date Analyzed:	07-19-00
Preservative:	Cool	Date Extracted:	07-17-00
Condition:	Cool & Intact	Analysis Needed:	TCLP metals

		Det.	Regulatory
	Concentration	Limit	Level
Parameter	(mg/L)	(mg/L)	(mg/L)
Arsenic	0.938	0.001	5.0
Barium	1.07	0.001	100
Cadmium	0.802	0.001	1.0
Chromium	0.063	0.001	5.0
Lead	0.317	0.001	5.0
Mercury	ND	0.001	0.2
Selenium	ND	0.001	1.0
Silver	0.002	0.001	5.0

ND - Parameter not detected at the stated detection limit.

References:

Method 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:

5651 US Hwy 64.

Analyst

Review Wasters



QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION



AROMATIC / HALOGENATED VOLATILE ORGANICS Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	07-18-00
Laboratory Number:	07-18-TCLP VOL	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-18-00
Condition:	N/A	Analysis Requested:	TCLP

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

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria	Parameter	Percent Recovery	
	Trifluorotoluene	100%	
	Bromofluorobenzene	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 H735.

Analyst L. Oferce

Priotini My Walters



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

Client:	QA/QC	Project #:	.N/A
Sample ID:	Method Blank	Date Reported:	07-18-00
Laboratory Number:	07-17-TCLP Vol	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-18-00
Condition:	N/A	Date Extracted:	07-17-00
		Analysis Requested:	TCLP

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

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria	Parameter	Percent Recovery

Trifluorotoluene Bromofluorobenzene 99% 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 H735.

Den L. Queun



Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	07-18-00
Laboratory Number:	H735	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	07-18-00
Condition:	N/A	Date Extracted:	07-17-00

·		Duplicate		
	Sample	Sample	Detection	
	Result	Result	Limits	Percent
Parameter	(mg/L)	(mg/L)	(mg/L)	Difference
Vinyl Chloride	0.0760	0.0760	0.0001	0.0%
1,1-Dichloroethene	0.0101	0.0101	0.0001	0.0%
2-Butanone (MEK)	0.0049	0.0049	0.0001	0.0%
Chloroform	0.0528	0.0528	0.0001	0.0%
Carbon Tetrachloride	ND	ND	0.0001	0.0%
Benzene	0.0017	0.0017	0.0001	0.0%
1,2-Dichloroethane	ND	ND	0.0001	0.0%
Trichloroethene	ND	ND	0.0003	0.0%
Tetrachloroethene	0.0153	0.0153	0.0005	0.0%
Chlorobenzene	0.0067	0.0067	0.0003	0.0%
1,4-Dichlorobenzene	0.0014	0.0014	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 H735.

Analyst L. Cyleur

Priotini M Watters



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

Client: Sample ID: Laboratory Number: QA/QC Matrix Spike H735 Project #:
Date Reported:
Date Sampled:

N/A 07-18-00

Sample Matrix:

TCLP Extract

Date Sampled: N/A
Date Received: N/A
Date Analyzed: 07-1

misting Walters

N/A N/A 07-18-00

Analysis Requested: Condition:

N/A

Date Extracted:

07-17-00

			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	0.0760	0.050	0.126	0.0001	100%	28-163
1,1-Dichloroethene	0.0101	0.050	0.0595	0.0001	99%	43-143
2-Butanone (MEK)	0.0049	0.050	0.0544	0.0001	99%	47-132
Chloroform	0.0528	0.050	0.103	0.0001	100%	49-133
Carbon Tetrachloride	ND	0.050	0.0491	0.0001	98%	43-143
Benzene	0.0017	0.050	0.0515	0.0001	100%	39-150
1,2-Dichloroethane	ND	0.050	0.0494	0.0001	99%	51-147
Trichloroethene	ND	0.050	0.0495	0.0003	99%	35-146
Tetrachloroethene	0.0153	0.050	0.0647	0.0005	99%	26-162
Chlorobenzene	0.0067	0.050	0.0561	0.0003	99%	38-150
1,4-Dichlorobenzene	0.0014	0.050	0.0508	0.0002	99%	42-143

ND - Parameter not detected at the stated detection limit.

References:

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

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

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

Comments:

QA/QC for sample H735.

Allen L.

F



.PA METHOD 8040 PHENOLS

Quality Assurance Report Laboratory Blank

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	07-19-00
Laboratory Number:	07-19-TCA	Date Sampled:	N/A
Sample Matrix:	2-Propanol	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-19-00
Condition:	N/A	Analysis Requested:	TCLP

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

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	2-fluorophenol	98 %
	2,4,6-tribromophenol	99 %

References:

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

Waste, SW-846, USEPA, July 1992.

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

Waste, SW-846, USEPA, July 1992.

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

Note:

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

Comments:

QA/QC for sample H735.

Analyst . Office

Pristing Walters



EPA METHOD 8040 PHENOLS Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Method Blank	Date Reported:	07-19-00
Laboratory Number:	07-17-TCA-MB	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:	Cool	Date Extracted:	07-17-00
Condition:	Cool & Intact	Date Analyzed:	07-19-00
		Analysis Requested:	TCLP

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

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery	
	2-Fluorophenol	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 H735.

Analyst



EPA METHOD 8040 PHENOLS Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	07-19-00
Laboratory Number:	H735	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:	Cool	Date Extracted:	07-17-00
Condition:	Cool & Intact	Date Analyzed:	07-19-00
		Analysis Requested:	TCLP

Parameter	Sample Result (mg/L)	Duplicate Result (mg/L)	Detection Limit (mg/L)	Percent Difference
o-Cresol	0.217	0.215	0.020	1.0%
p,m-Cresol	0.094	0.092	0.040	2.0%
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 H735.

Analyst P. Que

Review 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:	07-19-00
Laboratory Number:	07-19-TBN	Date Sampled:	N/A
Sample Matrix:	Hexane	Date Received:	N/A
Preservative:	N/A	Date Extracted:	N/A
Condition:	N/A	Date Analyzed:	07-19-00
		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

100%

References:

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

Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 1992. Method 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 H735.

Den L. Ogene

Pristing Walters



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:	07-19-00
Laboratory Number:	07-19-TBN-MB	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:	Cool	Date Extracted:	07-17-00
Condition:	Cool and Intact	Date Analyzed:	07-19-00
		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

100%

References:

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

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

Method 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 H735.

Analyst L. Que

Review Misting Walters



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:	07-19-00
Laboratory Number:	H735	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:	N/A	Date Extracted:	07-17 - 00
Condition:	N/A	Date Analyzed:	07-19-00
		Analysis Requested:	TCLP

Parameter	Sample Result (mg/L)	Duplicate Result (mg/L)	Percent Difference	Det. Limit (mg/L)	
Pyridine	ND	ND	0.0%	0.020	
Hexachloroethane	ND	ND	0.0%	0.020	
Nitrobenzene	ND	ND	0.0%	0.020	
Hexachlorobutadiene	ND	ND	0.0%	0.020	
2,4-Dinitrotoluene	ND	ND	0.0%	0.020	
HexachloroBenzene	ND	ND	0.0%	0.020	

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria	Parameter	Maximum Difference

8090 Compounds

30%

References:

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

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

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

Note:

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

Comments:

QA/QC for sample H735.

Analyst . Oferen

Pristing Walters



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

Client:	QA/QC	Project #:	N/A
Sample ID:	07-19-TCM QA/QC	Date Reported:	07-19-00
Laboratory Number:	H735	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TCLP Metals	Date Analyzed:	07-19-00
Condition:	N/A	Date Extracted:	07-17-00

Blank & Duplicate	A CONTRACT OF CONTRACT OF TAXABLE CO.	Method	Detection	Sample	Duplicate	%	Acceptance
Conc. (mg/L)	≟ ∠ Blank ND	Blank ND	<u>Limit</u> 0.001	0.938	0.936	Diff. 0.2%	Range 0% - 30%
Barium	ND	ND	0.001	1.07	1.06	0.9%	0% - 30%
Cadmium	ND	ND	0.001	0.802	0.803	0.1%	0% - 30%
Chromium	ND	ND	0.001	0.063	0.064	1.6%	0% - 30%
Lead	ND	ND	0.001	0.317	0.316	0.3%	0% - 30%
Mercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Selenium	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Silver	ND	ND	0.001	0.002	0.002	0.0%	0% - 30%

Spike Conc. (mg/L)	Spike. Added	Sample :	e Spiked Sample		Acceptance Range
Arsenic	0.500	0.938	1.44	100.1%	80% - 120%
Barium	0.500	1.07	1.56	99.4%	80% - 120%
Cadmium	0.500	0.802	1.30	99.8%	80% - 120%
Chromium	0.500	0.063	0.561	99.6%	80% - 120%
Lead	0.500	0.317	0.815	99.8%	80% - 120%
Mercury	0.050	ND	0.049	98.0%	80% - 120%
Selenium	0.500	ND	0.497	99.4%	80% - 120%
Silver	0.500	0.002	0.501	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 H735.

Δnalvst

Review Masters

CHAIN OF CUSTODY RECORD

Client / Project Name			Project Location			ANALYSIS / PARAMETERS									
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Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	TECP W/OHEP				l					
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- (505) 748-1283 Oil Conservation Division First 2040 South Pacheco Street NM 88210 - (505) 334-6178 Santa Fe, New Mexico 87505 o Brazos Road (505) 827-7131 NM 87410 - (505) 827-7131

PROVED BY:

Submit Origin Plus I Co to appropria District Offi

HEQUEST FOR APPROVAL TO ACCEP	1 SOLID WAS IE
RCRA Exempt: Non-Exempt:	4. Generator Burlington
Verbal Approval Received: Yes 🛣 No 🔲	5. Originating Site ()
Management Facility Destination	6. Transporter
Address of Facility Operator	8. State
Location of Material (Street Address or ULSTR) Vallerde Plan	H lent SS Section 11
Circle One:	Township 29N Rong NW
All requests for approval to accept oilfield exempt wastes will be acceptance; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accepted. PROVE the material is not-hazardous and the Generator's certificate listing or testing will be approved.	companied by necessary chemical analysis to
All transporters must certify the wastes delivered are only those consign	ed for transport.
mated Volume S cy Known Volume (to be entered by the of NATURE: Alberta Mules TITLE: D P	JUL 2000 RECEIVED OLCON. DIV DIST. 3 perator at the end of the haul) DATE: 7/21/00
E OR PRINT NAME: Dorothy J-Nobis TE	LEPHONE NO. 334-8894
nis space for State Use) /	İ

NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION AZTED DISTRICT OFFICE 1800 RID BRAZOS ROAD AZTEC, NEW MÉRICO 47410 [888] 894-4178 FRE (508)234-117

GARY E. JOHNSON GOVERNOR

JENNIFER A. SALISBURY CABINET SECRETARY

. Generator Name and Address:	2. Destination Name:	
Burlington Resources 3401 East 30th Street Farmington, NM 87401	Tierra	
Originating Site (name):	Location of the Waste (Street address &/or UL	STR):
Val Verde Plant	Val Verde Plant	
	Unit: SE Section: 11 Township: 29N Range: 1	1W .
Attach flat of originating sites as opprop	arieto	
Source and Description of Waste		
Changing charcoal filters.		
	•	
•		
Renae Beyale	representative	lar:
Burlington Recording to the Resource Conservation	tion and Recovery Act (RCRA) and Environmental Protection Agabove described waste is: (Cheek appropriate classification)	ency's July
Burlington Recording to the Resource Conservation	esources do hereby of tion and Recovery Act (RCRA) and Environmental Protection Ag	ency's July
Burlington Recording to the Resource Conservati 988, regulatory determination, the a	above described waste is: (Cheek appropriate classification) NON-EXEMPT cilifield waste which is non-hazardous by chanalysis or by product identification	ency's July
Burlington Resource Conservati 988, regulatory determination, the a X EXEMPT oilfield weste and that nothing has been added to t	MON-EXEMPT cilfield waste which is non-hazardous by chanalysis or by product identification the exempt or non-exempt non-hazardous waste defined above. Other (description): Other (description):	ency's July
Burlington Recording to the Resource Conservations, the second regulatory determination, the second regulatory determination, the second regulatory determination, the second regulatory determination and that nothing has been added to the second regulatory waste the folious of Custody Chain of Custody	do hereby of tion and Recovery Act (RCRA) and Environmental Protection Agabove described waste is: (Cheek appropriate classification) NON-EXEMPT cilifield waste which is non-hazardous by chanalysis or by product identification the exempt or non-exempt non-hazardous waste defined above. which is non-hazardous by chanalysis or by product identification the exempt or non-exempt non-hazardous waste defined above. Other (description): Vaste Analysis	ency's July
Burlington Resource Conservations to the Resource Conservations, the Second Resource Conservation, the Second Resource Conservation, the Second Research Res	do hereby of tion and Recovery Act (RCRA) and Environmental Protection Agabove described waste is: (Cheek appropriate classification) NON-EXEMPT cilifield waste which is non-hazardous by chanalysis or by product identification the exempt or non-exempt non-hazardous waste defined above. which is non-hazardous by chanalysis or by product identification the exempt or non-exempt non-hazardous waste defined above. Other (description): Vaste Analysis	ency's July
Burlington Resource Conservations to the Resource Conservations, the Set of the Resource Conservation, the Set of the Resource Conservation, the Set of the Resource Conservation in the Resource Chain of Custody this waste is in compliance with Region 20 NMAC 3.1 subpart 1403. Canadame (Original Signature):	tion and Recovery Act (RCRA) and Environmental Protection Agabove described waste is: (Cheek appropriate classification) NON-EXEMPT cliffield waste which is non-hazardous by chanalysis or by product identification the exempt or non-exempt non-hazardous waste defined above. wing documentation is attached (check appropriate items): Other (description): Vaste Analysis pulsted Lavals of Naturally Occurring Radioactive Material (NOR d D.	ency's July
Burlington Resource Conservations to the Resource Conservations, regulatory determination, the at X EXEMPT oilfield weste and that nothing has been added to the NON-EXEMPT waste the folion MSDS Information RCRA Hazardous W. Chain of Custody this waste is in compliance with Region 20 NMAC 3.1 subpart 1403.C-and	nion and Recovery Act (RCRA) and Environmental Protection Agabove described waste is: (Cheek appropriate classification) NON-EXEMPT cliffield waste which is non-hazardous by chanalysis or by product identification the exempt or non-exempt non-hazardous waste defined above. which is non-hazardous by chanalysis or by product identification the exempt or non-exempt non-hazardous waste defined above. Other (description): Vaste Analysis pulated Lavels of Naturally Occurring Radiozotive Material (NOR d D.	ency's July

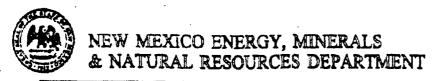
(505) 748-1283 , NM 88210 - (505) 334-6178 Brazos Road NM 87410

- (505) 827-7131

7il Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

Submit Origin Plus I Co to appropri: District Offi

REGUE	SI FUR AP	PROVAL I	JACCEPT	SOLID WAS IE	:
RCRA Exempt: Non-Ex	empt: 🔲	: :	÷	4. Generator	
Verbal Approval Received:	Yes 🔲	No 💥		5. Originating Site	
Management Facility Destinat			· ·	6. Transporter	· .
Address of Facility Operator			M	8. State	· .
Location of Material (Street Add	ress or ULSTR	Vov		# 7	· .
<u>Circle One</u> :		-			
All requests for approval to a Generator; one certificate por B. All requests for approval to PROVE the material is not-holisting or testing will be approved.	er job. accept non-ex azardous and i	empt wastes	must be accor	npanied by necessary ch	emical anaivsis to
All transporters must certify the w	astes delivere	d are only tho	se consigned	for transport.	
REF DESCRIPTION OF MATERIA	NL:				
Soil and MATURE: Waste Manager and Jacuity PE OR PRINT NAME: Ova	cy Known Volu		red by the oper	JUL 2000 PECEIVED OILCON. DIV DIST. 3 DATE: PHONE NO. 334-86	
nis space for State se)/					



OIL CONSERVATION DIVISION AZTED DISTRICT OFFICE 1000 PIO SRAZOS ROAD AZTEC, NEW MEXICO \$7410 (500) 334-6178 Fea (505)234-6170

GARY E. JOHNSON GOVERNOR

JENNIFER A. SALISBURY CABINET SECRETARY

1. Generator Name and Address:	2. Destination Name:
Bey Energy Sennes, Inc	Tierra En winsmontal Compay, Inc
Four Corners División SET U.S. Hay 64	Crones Ten Land from
· ·	430. c. R. 3/00
Farming to, 10 8 7461	Astec, 2m 87410
3. Originating Site (name): (preystane Langenderf #3 Dippor Site (Bab) Attach list of originating sites as appropriate 4. Source and Description of Waste	Location of the Waste (Street address &/or ULSTR):
frankfering triduced weeter in the holide	ns term, the comment over flower fire
funk spilling approximately 20-4034/1001	over the side and to to the ground Spill
hous along and transporter to the	un. The Plant that was spilled may
produced mater and Bolder.	
1. Bab James [Sex Enersy Services, Face Corner	
1. Des Vames	representative for:
(Print Name)	(*)
THE EMPS DEFUELD, FACE COME	do hereby certify that,
according to the resource CouselAntion and recove	BY ACT INCHA! BIG ENVEORMENTAL PROTECTION AGENCY & July,
1988, regulatory determination, the above described	Waste is: (Check appropriate classification)
	MPT oilfield waste which is non-hazardous by characteristic r by product identification
and that nothing has been added to the exempt or no	on-exempt non-hazardous waste defined above.
For NON-EXEMPT waste the following documents MSDS information RCRA Hazardous Waste Analysis Chain of Custody	ation is attached (check appropriate items): Other (description):
This waste is in compliance with Regulated Levels of to 20 NMAC 3.1 subpart 1403.C and D.	Naturally Occurring Radioactive Material (NORM) pursuant
Name (Original Signature)	
Title: Shop Yanasa-	
Date: 21 July 2000	

- (505) 748-1283 Oil Conservation Division Submit Origin 2040 South Pacheco Street Plus I Co: - (505) 334-6178 Santa Fe, New Mexico 87505 to appropria Rio Brazos Road (505) 827-7131 District Offi NM 87410 - (505) 827-7131 REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE 4. Generator 1) Vin toh RCRA Exempt: 🔀 Non-Exempt: 5. Originating Site Type Verbal Approval Received: Yes 🗔 Management Facility Destination Levea Eurikonmen ul 6. Transporter Address of Facility Operator 8. State 1 C 3 00 Location of Material (Street Address or ULSTR) Circle One: All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. 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 nazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport. RIEF DESCRIPTION OF MATERIAL: Produced waster Tank Bottoms From injection Facility Known Volume (to be entered by the operator at the end of the haul) -TITLE: Environmental Specialist DATE: 7/13/00 ment Fe tyAuthorized Agent TELEPHONE NO. 314-9844 J. Buth PE OR PRINT NAME: This space for State Use) TITLE: Geologist

OIL COMMEDIATION CONTINUE



NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE 1908 RIG ERAZOS ROAD AZTEC, NEW MEXICO 87418 (505) 384-8178 Pax (506)324-8170

GARY E. JOHNSON GOVERNOR JENNIFER A. SALISBURY CABINET SECRETARY

1 4 / 1	O. D. Alastian Manage
1. Generator Name and Address:	2. Destination Name:
Buch my day Regarder &	Tierra
shot East 30th	1 // 211 7
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
Jillson Feelesch SCO # 1	NW Sec. 8 - 724N - R3C
Attach list of ariginating wise se emprepriate	
4. Source and Description of Waste	
Procheed water / track bottom	s from injection facility
,	
Ed Hasely	
Burlington Resources	. Landau annifita Abada
Burlington Resources	do hereby certify that, ery Act (RCRA) and Environmental Protection Agency's July,
1988, regulatory determination, the above described	waste is: (Check appropriate classification)
	MPT oilfield waste which is non-hazardous by characteristic or by product identification
·	
and that nothing has been added to the exempt or n	on-exempt non-hazardous waste defined above.
For NON-EXEMPT waste the following document	ration is attached (check appropriate items):
MSDS information	Other (description):
RCRA Hazardous Waste Analysis	
Chain of Custody	
	(A) (B) (B) (B)
This waste is in compliance with Regulated Levels o	f Naturally Occurring Radioactive Material (NORM) pursuant
to 20 NMAC 3.1 subpart 1403.C and D.	
CONL B	
Name (Original Signature): 50 76-64	
A restrict to the second secon	
^	
Title: Eng. Rep	
^	

onservation ivi i Submit Origi 2040 South Pacheco Street a. MM 88210 Plus I Ča RECEIVED ct III - 癒05) 334-6178 Santa Fe, New Mexico 87505 נס בססססה Rio Brazos Road (505) 827-7131 District Of: NM 87410 JUL 17 2000 <u>ct IV</u> - (505) 827-7131 REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE DIVISION Non-Exempt: 🛣 4. Generator RCRA Exempt: 5. Originating Site Forcest Will Site Verbal Approval Received: Management Facility Destination Tierra La 6. Transporter Address of Facility Operator #410 6 3100 8. State Location of Material (Street Address or ULSTR) 14 hs. Circie 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. 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 nazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport. RIEF DESCRIPTION OF MATERIAL: Dirt Contaminated Whydraulic oil JUL 2000 RECEIVED Known Volume (to be entered by the operator at the end of the haul) ---TITLE: Environmental Specialist DATE: 7/12/00 aNATURE: tnepA pet PE OR PRINT NAME

his space for State Use)

Martyn 2 Truly ___ Environ much Godos st 7-17-00

- (505) /48-1283

First
NM 88210
- (505) 334-6178
- Brazos Road
NM 87410
- (505) 827-7131

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

Submit Origin Plus 1 Coto appropria District Offi

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

RCRA Exempt: Non-Exempt: 🔀		4. Generator
Verbal Approval Received: Yes No	\boxtimes	5. Originating Site Faces Well Site
Management Facility Destination Tierra	Ma	6. Transporter
Address of Facility Operator #U0 C 3 00	+ N	8. State *
Location of Material (Street Address or ULSTR)	dw L	. Ma 1 5 , 4 '
Circie One:	•	RAS. 9W
A. All requests for approval to accept oilfield exemptions. Generator; one certificate per job. All requests for approval to accept non-exempt with PROVE the material is not-hazardous and the Gellisting or testing will be approved.	vastes must be accomp	anied by necessary chemical analysis to
All transporters must certify the wastes delivered are o	only those consigned for	transport.
PIEF DESCRIPTION OF MATERIAL: Dirt Contaminated Whydraulic Oil		
timated Volume cy Known Volume (to	be entered by the operato	or at the end of the haul) ————————————————————————————————————
GNATURE: Waste age ant Fau tyAu ted Agent PE OR PRINT NAME: Jeveny J. Batta		DATE: 7/12/00 HONE NO. 334-4494
This space for State Use) FFROVED BY: Deny Kent	TITLE: Geslog/	SATE: 7/13/00

	2. Destination Name:
Key Energy Services, Inc.	Tierra Environmental Company, Inc.
Four Corners Division	Crouch Mesa Landfarm
5651 US Highway 64	420 C.R. 3100
Farmington NM, 84701	Aztec, NM 87401
3. Originating Site: (name):	Location of the Waste (Street Address &/or ULSTR):
Enervest Well Site	Section 9
West Animas #9-1	Township 34N
LaPlata County, Colorado	Range 9W
Lariata County, Colorado	range 9vv
(Attach list of origination sites as appropriate)	
4. Source and Description of Waste	
Dirt was contaminated with hydraulic oil when a hose ru	ptured on a well service rig. Approximately 20-25
gallons of oil was spilled onto the ground. Crews remov	
possible. The remaining dirt is to be sampled, tested, du	ig up and transported to an NMOCD regulated
facility located near Farmington, NM	
according to the Resource Conservation and Recovery Agency's July 1988, regulatory determination, the above (Check appropriate classification)	
	·
EXEMPT oilfield wasteX	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 by characteristic analysis or by product identification. exempt non-hazardous waste defined above.	
and that nothing has been added to the exempt or non-exempt by characteristic analysis or by product identification. exempt non-hazardous waste defined above. tion is attached (check appropriate items): XOther (description):	

STATE OF COLORADO

Bill Owens, Governor Jane E. Norton, Executive Director

Dedicated to protecting and improving the health and environment of the people of Colorado

Grand Junction Regional Office 222 S. 6th St., Rm 232 Grand Junction, CO 81501-2768 Fax (970) 248-7198



July 3, 2000

Mr. Bob James Key Energy Services, Inc. 5661 US HWY 64 Farmington NM 87401

RE:

Petroleum Contaminated Soil Transfer Request Hydraulic Oil Spill at a Colorado Well Site

La Plata County

Dear Mr. James:

The data supplied June 28, 2000 for the above referenced material have been reviewed by our office. This material consists of hydraulic oil contaminated soil from a spill at a well site located in Colorado. The material has been characterized and may be transported for treatment or disposal to a site in New Mexico at the discretion of the owner/operator of that facility. All transportation regulations that apply must be adhered to.

Please contact me in my office at 970-248-7168 if you require further information.

Sincerely,

Donna Stoner Solid Waste Unit Compliance Program

:ds

cc:

Patricia Martinek, HMWMD, Denver

SW LAP GEN 1.1

File



OFF: (505) 325-5667 FAX: (505) 327-1496

June 27, 2000

LAB: (505) 325-1556 FAX: (505) 327-1496

Bob James

Key Energy Services - Four Corners

P.O. Box 900

Farmington, NM 87499

TEL: (505) 327-4935

FAX (505) 327-4962

RE: Enervest West Animas 9-1

Order No.: 0006041

Dear Bob James,

On Site Technologies, LTD. received 1 sample on 6/15/2000 for the analyses presented in the following report.

The Samples were analyzed for the following tests:

ICP Metals-RCRA, Total (SW6010B)

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

David Cox



OFF: (505) 325-5667 FAX: (505) 327-1496 LAB: (505) 325-1556 FAX: (505) 327-1496

On Site Technologies, LTD.

Date: 27-Jun-00

CLIENT:

Key Energy Services - Four Corners

Project:

Enervest West Animas 9-1

Lab Order:

0006041

CASE NARRATIVE

One soil sample was sub-contracted to Inter-Mountain Laboratories.



Inter-Mountain Laboratories, Inc.

Phone (505) 326-4737 - Fax (505) 325-4182

Client:

On Site Technologies Limited

Project:

Metals

Sample ID:

0006041-01A Enervest West Animas 9-1; Sample

Lab ID: Matrix:

0300W02448

Condition:

Soil

Intact

2506 West Main Street, Farmington, NM 87401

Date Reported: 06/20/00

Date Sampled: 06/15/00

Date Received: 06/16/00

Date Analyzed: 06/20/00

Parameter	Analytica Result	al PQL	MCL	Units
Method 3050 - Total Metals				
Arsenic	15	6	100	mg/Kg
Cadmium 👢	1.0	0.5	20	mg/Kg
Chromium	8	1	100	mg/Kg
Cadmium Chromium Lead	19	5	100	mg/Kg

Reference: SW-846 - "Test Methods for Evaluating Solid Waste: Physical/Chemical Methods", United States Environmental Protection Agency, Final Update 1, July 1992.

On Site Technologies, LTD.

CHAIN-OF-CUSTODY RECORD

612 E. Murray Drive Farmington, NM 87401 (505) 325-2432

Subcontractor:

Inter-Mountain Laboratories

TEL:

(505) 326-4737

2506 W Main

FAX:

Farmington, NM 87401

Acct #:

16-Jun-00

				İ		Requested Tests
Sample ID	Matrix	Collection Date	Bottle Type	SW6010B		
		10				a de la la la la la la la la la la la la la
0006041-01A	Soil	6/15/2000	4OZG	1		

Comments:

Please analyze one (1) soil sample for Total: Arsenic, Cadmium, Chromium and Lead.

reich Reic Relinquished by:

Relinquished by:

Date/Time

6/16/00 1600 Received by:

Received by:

Date/Time

4/14/00 1620

1	0	4	6	6
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CHAIN OF CUSTODY RECORD

Date:	6:15:00	

612 E. Murray Dr. • P.O. Box 2606 • Farmington, NM 87499 LAB: (505) 325-5667 • FAX: (505) 327-1496

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Page:	- /	of		

Purchase Order No	urchase Order No.: 93610 Project No. / 59 20 - 61)04					RESULTS TO	Name Bob Janes Title Ship Manage								و ح چ دی			
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	Client Signature Must Accompany R	- m a a 4 \				1							·					
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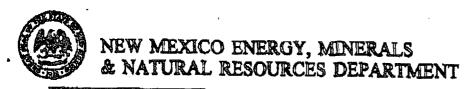
Tict II - (505) 748-1283 5. First ia, NM 88210 Tict III - (505) 334-6178 Rio Brazot, Road 2. NM 87410 Tict IV - (505) 827-7131 -----

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

Submit Origina Plus I Copto appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE 00026		
1. RCRA Exempt: Non-Exempt:	4. Generator Burling lan Resources		
Verbal Approval Received: Yes No No	5. Originating Site McConth SWD #4		
2. Management Facility Destination Tierra land Facin	6. Transporter Three Rivers		
3. Address of Facility Operator 420 CR 3100 Aztec	8. State New Mexico		
Location of Material (Street Address or ULSTR) McGrath Strotty	Sec. 34-T.30N-R.12W		
). <u>Circle One</u> :			
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 nazardous by listing or testing will be approved.			
All transporters must certify the wastes delivered are only those consigned RIEF DESCRIPTION OF MATERIAL:			
Tank Bottom's	UN 2000 ECEIVED CON. DIV DIST. 3		
stimated Volume 240 Bbb cy Known Volume (to be entered by the ope	erator at the end of the haul) 240 Bbs sy		
GNATURE: Douid Bouth TITLE: Land Farm Waste Management Facility Authorized Agent (PE OR PRINT NAME: Douid Bonaw: TEL	Monager DATE: 58-00 EPHONE NO. 334-8899		
This space for State Use)	7		
FREDVED BY DEMY Land TITLE GEOLOG	15/2 6/10/00		

TITLE: Ge dogist



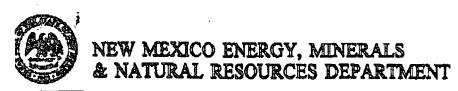
OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE 1000 RIO BRAZOS ROAD AZTEC, NEW MEXICO 87410 (508) 334-8176 Par (506) \$34-5170

JENNIFER A. SALISBURY CABINET SECRETARY

GARY E. JOHNSON GOVERNOR

1. Generator Name and Address:	2. Destination Name:
Bushington Rassonices	Tierra
BHOLE, BOTH	, ,, ,
Farmington, NM 87402	
3. Originating Site (name):	Location of the Wasta (Street address &/or ULSTR):
McGrah SWD # 4	SC Sec 34 - T36N-R12W
Attach list of originating sites as appropriate	
4. Source and Description of Waste	
Tank Bottoms	
·	
Burlington Resources	representative for:
(Print Name)	representative for.
Murlington Kermices	do hereby certify that,
according to the Resource Conservation and Recover 1988, regulatory determination, the above described	ry Act (RCRA) and Environmental Protection Agency's July,
	mare is. (miner abhobilita ciassinosion)
	IPT oilfield waste which is non-hazardous by characteristic by product identification
and that nothing has been added to the exempt or no	n-exempt non-hazardous waste defined above.
For NON-EXEMPT waste the following documents MSDS Information RCRA Hazardous Waste Analysis Chain of Custody	ntion is attached (check appropriate items): Other (description):
This waste is in compliance with Regulated Levels of to 20 NMAC 3.1 subpart 1403.C and D.	Naturally Occurring Radiosotive Material (NORM) pursuent
Name (Original Signature):	
Title: En. Rep	
Title: En. Rep. Date: 5/8/00	

Tet II - (505) 748-1283 5. First ia, NM 88210 ict III - (505) 33446178 Rio Brazos Road : NM 87410 ict IV - (505) 827-7131	20	Conservation Div 040 South Pacheco Str nta Fe, New Mexico 87 (505) 827-7131	ect	Submit Origina Plus I Cop to appropriate District Office
	REQUEST FOR AF	PPROVAL TO ACCE	PT SOLID WASTE	00033
1. RCRA Exempt: 🔀	Non-Exempt: \square	O Foust	4. Generator 5. Originating	Burlington Brown
Management Facility I		land Farm		Rilec Indi
3. Address of Facility Op	erator#420 CR	3100 Aztec	4	'en Mexico
. Location of Material (S	Street Address or ULST	A) Vol Verde Plan	. l	T. 29N RillW
Circie One:				
Generator; one ce B. All requests for ap	ertificate per job. oproval to accept non-exial is not-hazardous and	xempt wastes must be a	accompanied by neces	ssary chemical analysis to te classified nazardous by
All transporters must co	ertify the wastes delivere	ed are only those consig	ned for transport.	
Charcoal P	_	25.67.80	JUN 2000 RECEIVED OIL CON. DN DNST. 3	
itimated Volume 36	cy Known Vol	ume (to be entered by the	operator at the end of th	ne haul) by
GNATURE Waste Manage (PE OR PRINT NAME:	David Bana		Farm Monager Telephone no. 33	DATE: 5-31-00 34-8-899
This space for State Us	tuy Hangle	TITLE: Geo	læg ist ologist	DATE: 6/15/00 DS



OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE 1980 RIO BRAZOS ROAD AZTEC, NEW MEXICO 87410 (506) 334-8170 FSN (805)384-6170

GARY E. JOHNSON GOVERNOR

JENNIFER A. SALISBURY CABINET SECRETARY

1. Generator Name and Address:	2. Destination Name:
Burlington Resources 3835 East 30th Street	Tierra
3335 East 3019 Street	1
Farmington, HM 87401	Location of the Waste (Street address &/or ULSTR):
3. Originating Site (name):	
Val Verde Plant unit:	SE Section: Il Township: 29N Range IIW
Attach list of originating sites as appropriate	
4. Source and Description of Waste	•
Changing charcoal filters	
1 PERRY Paulson	representative for:
1, Perry Poul SOH (Print Name) Borlington Resources	do hereby cartify that,
according to the Resource Conservation and Rec	covery Act (RCRA) and Environmental Protection Agency's July,
	bad waste is: (Check epprepriate classification)
X EXEMPT cilfield waste NON-I	bed waste is: (Check apprepriate classification) EXEMPT oilfield waste which is non-hazardous by characteristic
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EXEMPT cilfield waste NON-to-analys and that nothing has been added to the exempt of For NON-EXEMPT waste the following docum MSDS Information RCRA Hazardous Waste Analys Chain of Custody	EXEMPT oilfield waste which is non-hazardous by characteristic also or by product identification or non-exempt non-hazardous waste defined above. ———————————————————————————————————
EXEMPT cilfield waste	EXEMPT oilfield waste which is non-hazardous by characteristic als or by product identification or non-exempt non-hazardous waste defined above. Inentation is attached (check appropriate items): Other (description); is of Naturally Occurring Radioactive Material (NORM) pursuan
EXEMPT cilfield waste NON-to-analyst and that nothing has been added to the exempt of the second of the exempt of the second of the exempt of the second of the exempt of the second of the exempt of the second of the exempt of the second of the exempt of the second of the exempt of the second of the exempt of the second of the exempt of the second of the exempt of the second of the exempt of the second of the exempt of the ex	EXEMPT oilfield waste which is non-hazardous by characteristic als or by product identification or non-exempt non-hazardous waste defined above. Inentation is attached (check appropriate items): Other (description); is of Naturally Occurring Radioactive Material (NORM) pursuan

ict II - (505) 748-1283
5. First
1a. NM 88210
1ct III - (505) 334-6178
1ct III - (505) 334-6178
1ct IV - (505) 827-7131

. YE GEVORES.

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

Submit Origina.
Plus 1 Copy
to appropriate
District Office

PEOLIEST FOR ARREOVAL TO ACCEPT	I SOLID MASTE		
REQUEST FOR APPROVAL TO ACCEPT	0000		
I. RCRA Exempt: Non-Exempt:	4. Generator Group		
Verbal Approval Received: Yes No No	5. Originating Site Milagro Plant		
Management Facility Destination Tierra land Farm	6. Transporter Rilec Indi		
Address of Facility Operator # 420 C.R. 3100 Aztec	8. State New Mexico		
. Location of Material (Street Address or ULSTR) Milagro Plant	#192 C.R. 4900		
. <u>Circie One</u> :			
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 nazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.			
RIEF DESCRIPTION OF MATERIAL:			
Charcoal Filter	JUN 2000 RECEIVED OIL CON. DIV DIST. 3		
cy Known Volume (to be entered by the op			
GNATURE: Deut Berry TITLE: Landform Waste Management Facility Astronzed Agent PE OR PRINT NAME: David Bonauitz TEL	Manager DATE: 6-100 LEPHONE NO. 334-8894		
This space for State Use)			
The sale Front Coal	05 15/		



GARY E. JOHNSON
GOVERNOR

Post-it" Fax Note 7671	Date # of pages
To	From hul
Co. Dept.	Co. Deurs
Phone #	Phone # 334-869K
rax 1632-4664	Fax # 334-9024

CABINET SECRETARY

Generator Name and Address:	7 Destination Name:
Millian Farence	2. Destination Name:
Williams ENERGY OR	TERRIA ENVIRONMENTAL
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
MILAGRO	192 CR 4900
4: Source and Description of Waste CAUBON BE 3 ー Fin	E - SHEAMED 26 HRS
J. D. BROW	concentration for
(Print Na	representative for:
WILLIAMS ENERG according to the Resource Conservation	do hereby certify that, and Recovery Act (RCRA) and Environmental Protection Agency's July.
1988, regulatory determination, the abo	ve 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	analysis or by product identification exempt or non-exempt non-hazardous waste defined above. ig documentation is attached (check appropriate items): Other (description):
For NON-EXEMPT waste the following MSDS Information RCRA Hazardous Waste Chain of Custody	analysis or by product identification exempt or non-exempt non-hazardous waste defined above. Ig documentation is attached (check appropriate items): Other (description): e Analysis ed Levels of Naturally Occurring Radioactive Material (NORM) pursuant
For NON-EXEMPT waste the followin MSDS Information RCRA Hazardous Waste Chain of Custody This waste is in compliance with Regulate	analysis or by product identification exempt or non-exempt non-hazardous waste defined above. Ig documentation is attached (check appropriate items): Other (description): e Analysis ed Levels of Naturally Occurring Radioactive Material (NORM) pursuant
For NON-EXEMPT waste the following MSDS Information RCRA Hazardous Waste Chain of Custody This waste is in compliance with Regulate to 20 NMAC 3.1 subpart 1403.C and D.	analysis or by product identification exempt or non-exempt non-hazardous waste defined above. Ig documentation is attached (check appropriate items): Other (description): e Analysis ed Levels of Naturally Occurring Radioactive Material (NORM) pursuant

rict II - (505) 748-1283 5. First 11a. NM 88210 1ct III - (505) 334-6178 Rio Srazos-Road 1. NM 87410 1ct IV - (505) 827-7131

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

Submit Origina.
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE OA035
. RCRA Exempt: Non-Exempt: Toust	4. Generator Conoco Tirca
Verbal Approval Received:6-5-00Yes X No	5. Originating Site Sen Juan 28-7,249
Management Facility Destination Tierra landFarm	6. Transporter Scat Hot Wesh
3. Address of Facility Operator #420 CR 3/00 Aztec	8. State New Mexico
Location of Material (Street Address or ULSTR) Juan 28-7-249	Sec. 30 T28N R.7W
. <u>Circle One</u> :	
All requests for approval to accept oilfield exempt wastes will be accepted. B. All requests for approval to accept non-exempt wastes must be accepted. PROVE the material is not-hazardous and the Generator's certification listing or testing will be approved.	ompanied by necessary chemical analysis to
All transporters must certify the wastes delivered are only those consigned	d for transport.
RIEF DESCRIPTION OF MATERIAL: Cement Sand Water From Workever	JUN 2000 RECEIVED OIL CON. DIV. DIST. 3
stimated Volume	erator at the end of the haul)
GNATURE: Land Torm Waste Management Facility Application agent YPE OR PRINT NAME: David Bonowitz TEL	Manager DATE: 6-5-00 EPHONE NO. 334-8894
This space for State Use)	
EEECVED DV. Denny tent TITLE (CED 10	cis/ 54= 6/15/00

TITLE: Gredlogist



NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION AZYED DISTRICT OFFICE 1000 RIO BRAZOS RCAD AZYEC, NEW MCIICO 87418 [300] 33448178 Fak (885)33445

GARY E JOHNSON

JENNIFER A. SALISBURY CABINET SECRETARY

1. Generator Name and Address:	2. Destination Name:
CONOCO INC.	Tienen Landson
3315 Bloomfuld Huy Frani-fon NM	
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
502 Juga 28-7 #249	•
ton rtw sec so	
Attach liet of originating sites as appropriate 4. Source and Description of Waste	
4. Source and Description of Wester	cenent, sand. from workown
on production well.	•
Line AE	
	- Chickett Att
Co	NOCO INC. do hereby certify that,
	ry Act (RCRA) and Environmental Protection Agency's July,
1988, ragulatory datermination, the above described	Waste is: (Check appropriate classification)
EXEMPT oilfield waste NON-EXEM	MPT cilfield waste which is non-hazardous by characteristic
o zizylana	r by product identification
and that nothing has been added to the exempt or no	n-exempt non-hazardous waste defined above.
For NON-EXEMPT waste the following documents	reinn in awanhad Inhank appropriate income.
MSDS Information	Other (description):
RCRA Hazardeus Waste Analysis	
Chain of Custody	
This waste is in compliance with Regulated Levels of . to 20 NMAC 3.1 subpart 1403.C and 0.	Naturally Occurring Radiosctive Material (NORM) pursuant
a so thathe J. i edupait land of end b.	•
Nome /Disiral Signature)	
Name (Original Signature):	
Title: Project London	·
Date: 6/2/2000	
JUN 02 2000 15:15	PARE ROLL BOOK ROLL

First II - (505) 748-1283
5. First
ia. NM 88210
ict III - (505) 334-6178
Rio Brazon Road
z. NM 87410
ict IV - (505) 827-7131

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

Submit Origina.
Plus I Copy
to appropriate
District Office

	REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE 00036		
1.	RCRA Exempt: Non-Exempt: \(\bigcap \)	4. Generator Conoco Inc. NG & GN		
	Verbal Approval Received 6-5-00/es No 🔲	5. Originating Site San Juan Gas Plant		
2.	Management Facility Destination Tierr land Farm	6. Transporter Rilec Indi		
3.	Address of Facility Operator 420 CR 3100 Aztec	8. State New Mexico		
· .	Location of Material (Street Address or ULSTR) San Juan Gas Plant	#61 CR 4900		
}.	Circie One:			
	All requests for approval to accept oilfield exempt wastes will be accepted. B. All requests for approval to accept non-exempt wastes must be accepted. PROVE the material is not-hazardous and the Generator's certification listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned.	ompanied by necessary chemical analysis to not origin. No waste classified nazardous by		
_				
H	Sulfa Check system, Champion-Gas Treat-102			
	ON THE COLUMN THE COLU	IUN 2000 ECEIVED CON. DIV DIST. 3		
E 1 1	mated Volume 400 Bbs cy Known Volume (to be entered by the ope	erator at the end of the haul) 400 Bbb		
	ENATURE Down Bowled TITLE: Landtain wasia Managament Facility Altiponza Agent PE OR PRINT NAME: Down Concurit TELI	Name 1 DATE: 6-5-00 EPHONE NO. 334-8874		
_				
7	inis space for State Use)			
÷F	PEROVED BY: Deny Jant TITLE: Ged la	DATE: 6/15/00		

____ TITLE:

I. Generator Name and Address:	2. Destination Name:
Conoco IncNG&GP	Tierra Environmental Co., Inc.
San Juan Gas Plant	Tierra Land Farm Facility
61 CR 4900	420 CR 3100
Bloomfield, NM 87413	Aztec, San Juan County NM 87410
Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
Same As Above (Generator)	•
Attach list of originating sites as appropriate	· · · · · · · · · · · · · · · · · · ·
Source and Description of Waste	
Sulfa Check System - H2S treating	ng/scrubbing liquid
Champion - Gas Treat 102	
For the month of Ju	ine .
Dichard D. Thomas	representative for:
Richard R. Theander (Print Name)	ioprosontativo for.
Conoco, Inc. NG&GP, San Juan Gas	
Conoco, Inc. NG&GP, San Juan Gas cording to the Resource Conservation and it 88, regulatory determination, the above des	Recovery Act (RCRA) and Environmental Protection Agency's Juliscribed waste is: (Check appropriate classification)
Conoco Inc. NG&GP. San Juan Gas cording to the Resource Conservation and B8, regulatory determination, the above des	Recovery Act (RCRA) and Environmental Protection Agency's Juliscribed waste is: (Check appropriate classification)
Conoco, Inc. NG&GP, San Juan Gas cording to the Resource Conservation and is a regulatory determination, the above des EXEMPT oilfield waste NO:	Recovery Act (RCRA) and Environmental Protection Agency's Juliscribed waste is: (Check appropriate classification) N-EXEMPT cilfield waste which is non-hazardous by characteristic alysis or by product identification
Conoco, Inc. NG&GP, San Juan Gas cording to the Resource Conservation and is 88, regulatory determination, the above des EXEMPT oilfield waste NO: ana	Recovery Act (RCRA) and Environmental Protection Agency's July scribed waste is: (Check appropriate classification) N-EXEMPT oilfield waste which is non-hazardous by characteristic
Conoco. Inc. NG&GP. San Juan Gas cording to the Resource Conservation and 88, regulatory determination, the above des EXEMPT oilfield waste NO ana	Recovery Act (RCRA) and Environmental Protection Agency's July scribed waste is: (Check appropriate classification) N-EXEMPT oilfield waste which is non-hazardous by characteristic alysis or by product identification of or non-exempt non-hazardous waste defined above.
Conoco. Inc. NG&GP. San Juan Gas cording to the Resource Conservation and 88, regulatory determination, the above des EXEMPT oilfield waste NO ana that nothing has been added to the exemption. NON-EXEMPT waste only the following	Recovery Act (RCRA) and Environmental Protection Agency's July scribed waste is: (Check appropriate classification) N-EXEMPT cilifield waste which is non-hazardous by characteristic alysis or by product identification of or non-exempt non-hazardous waste defined above. I documentation is attached (check appropriate items):
Conoco, Inc. NG&GP, San Juan Gas cording to the Resource Conservation and its regulatory determination, the above des EXEMPT oilfield waste NO ana that nothing has been added to the exempt NON-EXEMPT waste only the following MSDS Information	Recovery Act (RCRA) and Environmental Protection Agency's Juliscribed waste is: (Check appropriate classification) N-EXEMPT oilfield waste which is non-hazardous by characteristic alysis or by product identification of or non-exempt non-hazardous waste defined above.
Conoco. Inc. NG&GP. San Juan Gas ording to the Resource Conservation and 88, regulatory determination, the above des EXEMPT oilfield waste	Recovery Act (RCRA) and Environmental Protection Agency's Juliscribed waste is: (Check appropriate classification) N-EXEMPT oilfield waste which is non-hazardous by characteristicallysis or by product identification of or non-exempt non-hazardous waste defined above.
Conoco, Inc. NG&GP, San Juan Gas cording to the Resource Conservation and is a regulatory determination, the above des EXEMPT oilfield waste that nothing has been added to the exempt NON-EXEMPT waste only the following MSDS Information	Recovery Act (RCRA) and Environmental Protection Agency's Juliscribed waste is: (Check appropriate classification) N-EXEMPT oilfield waste which is non-hazardous by characteristic alysis or by product identification of or non-exempt non-hazardous waste defined above.
Conoco. Inc. NG&GP. San Juan Gas cording to the Resource Conservation and 88, regulatory determination, the above des EXEMPT oilfield waste	Recovery Act (RCRA) and Environmental Protection Agency's Juliscribed waste is: (Check appropriate classification) N-EXEMPT oilfield waste which is non-hazardous by characteristic alysis or by product identification of or non-exempt non-hazardous waste defined above.
Conoco. Inc. NG&GP. San Juan Gase cording to the Resource Conservation and B8, regulatory determination, the above deserved in the EXEMPT oilfield waste	Recovery Act (RCRA) and Environmental Protection Agency's Juliscribed waste is: (Check appropriate classification) N-EXEMPT oilfield waste which is non-hazardous by characteristic alysis or by product identification of or non-exempt non-hazardous waste defined above. documentation is attached (check appropriate items): Other (description):
Conoco. Inc. NG&GP. San Juan Gas fording to the Resource Conservation and 38, regulatory determination, the above des EXEMPT oilfield waste NO and that nothing has been added to the exempt NON-EXEMPT waste only the following MSDS Information RCRA Hazardous Waste Anal Chain of Custody	Recovery Act (RCRA) and Environmental Protection Agency's Juliscribed waste is: (Check appropriate classification) N-EXEMPT oilfield waste which is non-hazardous by characteristic alysis or by product identification of or non-exempt non-hazardous waste defined above. documentation is attached (check appropriate items): Other (description):
Conoco, Inc. NG&GP, San Juan Gassording to the Resource Conservation and 38, regulatory determination, the above des EXEMPT oilfield waste NO and that nothing has been added to the exempt NON-EXEMPT waste only the following MSDS Information RCRA Hazardous Waste Anal Chain of Custody	Recovery Act (RCRA) and Environmental Protection Agency's Juliscribed waste is: (Check appropriate classification) N-EXEMPT oilfield waste which is non-hazardous by characteristic alysis or by product identification of or non-exempt non-hazardous waste defined above. I documentation is attached (check appropriate items): Other (description): lysis
Conoco, Inc. NG&GP, San Juan Gass cording to the Resource Conservation and 188, regulatory determination, the above described EXEMPT oilfield waste **EXEMPT oilfield waste **INON-EXEMPT waste only the following	Recovery Act (RCRA) and Environmental Protection Agency's Juliscribed waste is: (Check appropriate classification) N-EXEMPT oilfield waste which is non-hazardous by characteristic alysis or by product identification of or non-exempt non-hazardous waste defined above. I documentation is attached (check appropriate items): Other (description): lysis
Conoco. Inc. NG&GP. San Juan Gass cording to the Resource Conservation and 38, regulatory determination, the above described EXEMPT oilfield waste NO and that nothing has been added to the exempt NON-EXEMPT waste only the following MSDS Information RCRA Hazardous Waste Anal Chain of Custody Decrease Foreman	Recovery Act (RCRA) and Environmental Protection Agency's Juliscribed waste is: (Check appropriate classification) N-EXEMPT oilfield waste which is non-hazardous by characteristic alysis or by product identification of or non-exempt non-hazardous waste defined above. I documentation is attached (check appropriate items): Other (description): Ilysis A Jleander 300 to 400 B E
Conoco. Inc. NG&GP. San Juan Gas ording to the Resource Conservation and 18, regulatory determination, the above des EXEMPT oilfield waste NO and that nothing has been added to the exempt NON-EXEMPT waste only the followingX MSDS Information RCRA Hazardous Waste Anal Chain of Custody The (Original Signature): Thickard Process Foreman	Recovery Act (RCRA) and Environmental Protection Agency's July scribed waste is: (Check appropriate classification) N-EXEMPT oilfield waste which is non-hazardous by characteristic alysis or by product identification of or non-exempt non-hazardous waste defined above. I documentation is attached (check appropriate items): Other (description): lysis A. Jalander 300 to 400 Be to be deli vered
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Conoco. Inc. NG&GP. San Juan Gas ording to the Resource Conservation and 18, regulatory determination, the above des EXEMPT oilfield waste NO and that nothing has been added to the exempt NON-EXEMPT waste only the followingX MSDS Information RCRA Hazardous Waste Anal Chain of Custody The (Original Signature): Thickard Process Foreman	Recovery Act (RCRA) and Environmental Protection Agency's Juliscribed waste is: (Check appropriate classification) N-EXEMPT cilifield waste which is non-hazardous by characteristic alysis or by product identification of or non-exempt non-hazardous waste defined above. I documentation is attached (check appropriate items): Other (description): lysis A. Ileander 300 to 400 Bette be delivered Sometime Hib we
Conoco. Inc. NG&GP. San Juan Gas cording to the Resource Conservation and 88, regulatory determination, the above des EXEMPT oilfield waste	Recovery Act (RCRA) and Environmental Protection Agency's July scribed waste is: (Check appropriate classification) N-EXEMPT oilfield waste which is non-hazardous by characteristic alysis or by product identification of or non-exempt non-hazardous waste defined above. I documentation is attached (check appropriate items): Other (description): Ilysis A Jheander 300 to 400 B E

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to appropri:
District Offi

REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE 00026		
. RCRA Exempt: Non-Exempt: \(\bigcup \)	4. Generator Burlington Resource		
Verbal Approval Received: Yes 🔀 No 🔲	5. Originating Site McGrath 540		
. Management Facility Destination Tierra land Farm	6. Transporter Three Rivers		
. Address of Facility Operator #420 CB 3100 Aztec	8. State New Mexico		
Location of Material (Street Address or ULSTR) Mc Grath SWD	Sec. 34 T. 30N R. 13W		
. <u>Circle One</u> :			
All requests for approval to accept oilfield exempt wastes will be accepted. B. All requests for approval to accept non-exempt wastes must be accepted. PROVE the material is not-hazardous and the Generator's certification disting or testing will be approved.	ompanied by necessary chemical analysis to		
All transporters must certify the wastes delivered are only those consigned	d for transport.		
RIEF DESCRIPTION OF MATERIAL:			
Tank Bottoms Jun 2000 RECEIVED OIL CON. DIV DIST. 3			
timated Volume	erator at the end of the naul) $\frac{240868}{240}$ by		
Wasia Mananamani Facilitya (IMBN 2010 Angoli	2 Manager DATE: 6-5-00 EPHONE NO. 334-8394		
This space for State Use)			

OIL GONSERVATION DIVIS AZTEC DISTRICT OFFICE 1900 RID BRAZOS ROAC AZTEC, NEW MÉXICO 874 (508) 334-6178 FRE (505)324

GARY E. JOHNSON GOVERNOR

JENNIFER A. SALISBUR CABINET SECRETAR)

1. Generator Name and Address:	2. Destination Name:
Burlington Resources 3401 E. 30th Street	Tierra
Farmington, NM 87401	
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
Mc Grath SWD #4	McGrath SWD#4 Unit:SW Section: 34 Township:30N Range:12W
Attach list of originating sites as appropriate	
4. Source and Description of Waste	
Tank Bottoms	
•	
Terry Nelson	representative for:
(Print Name) Burlington Resources according to the Resource Conservation and	do hereby certify that
Burlington Resources according to the Resource Conservation and 1988, regulatory determination, the above de	do hereby certify that, if Recovery Act (RCRA) and Environmental Protection Agency's July
(Print Name) Burlington Resources according to the Resource Conservation and 1988, regulatory determination, the above de X EXEMPT oilfield waste No	do hereby certify that, if Recovery Act (RCRA) and Environmental Protection Agency's July, escribed waste is: (Check appropriate classification) ON-EXEMPT oilfield waste which is non-hazardous by characteristic nalysis or by product identification
(Print Name) Burlington Resources according to the Resource Conservation and 1988, regulatory determination, the above de X EXEMPT oilfield waste and that nothing has been added to the exem	do hereby certify that, if Recovery Act (RCRA) and Environmental Protection Agency's July, escribed waste is: (Check appropriate classification) ON-EXEMPT oilfield waste which is non-hazardous by characteristic nalysis or by product identification mpt or non-exempt non-hazardous waste defined above. Documentation is attached (check appropriate items): Other (description):
Burlington Resources according to the Resource Conservation and 1988, regulatory determination, the above do X EXEMPT oilfield waste No are and that nothing has been added to the exemptor NON-EXEMPT waste the following do MSDS Information RCRA Hazardous Waste Arc Chain of Custody This waste is in compliance with Regulated L	do hereby certify that it Recovery Act (RCRA) and Environmental Protection Agency's July escribed waste is: (Check appropriate classification) ON-EXEMPT oilfield waste which is non-hazardous by characteristic nalysis or by product identification mpt or non-exempt non-hazardous waste defined above. cumentation is attached (check appropriate items): Other (description):
Burlington Resources according to the Resource Conservation and 1988, regulatory determination, the above de X EXEMPT cilfield waste No are and that nothing has been added to the exent For NON-EXEMPT waste the following de MSDS Information RCRA Hazardous Waste Arc Chain of Custody This waste is in compliance with Regulated Ltd 20 NMAC 3.1 subpart 1403.C and D.	do hereby certify that Recovery Act (RCRA) and Environmental Protection Agency's July escribed waste is: (Check appropriate classification) ON-EXEMPT oilfield waste which is non-hazardous by characteristic nalysis or by product identification mpt or non-exempt non-hazardous waste defined above. cumentation is attached (check appropriate items): Other (description):
(Print Name) Burlington Resources according to the Resource Conservation and 1988, regulatory determination, the above do X EXEMPT cilfield waste No are and that nothing has been added to the exemptor of the exemp	do hereby certify that, if Recovery Act (RCRA) and Environmental Protection Agency's July, escribed waste is: (Check appropriate classification) ON-EXEMPT oilfield waste which is non-hazardous by characteristic nalysis or by product identification mpt or non-exempt non-hazardous waste defined above. commentation is attached (check appropriate items): Other (description):
Burlington Resources according to the Resource Conservation and 1988, regulatory determination, the above do X EXEMPT oilfield waste No are and that nothing has been added to the exent of the second of th	do hereby certify that, if Recovery Act (RCRA) and Environmental Protection Agency's July, escribed waste is: (Check appropriate classification) ON-EXEMPT oilfield waste which is non-hazardous by characteristic nalysis or by product identification mpt or non-exempt non-hazardous waste defined above. Documentation is attached (check appropriate items): Other (description):

rict II • (505) 746-1283 S. First iia. NM 88210 rict III - (505) 334-6178
Rio Brazos Road

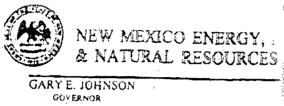
Oil Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

Submit Origina Plus I Cop. to appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE 00037
1. RCRA Exempt: Non-Exempt: To wat	4. Generator Field Securces
Verbal Approval Received €-14-00Yes X No □	5. Originating Site La Magnina Plant
2. Management Facility Destination Liessa landlasm	6. Transporter Riley Ind
3. Address of Facility Operator #420 CR 3100 Aztec	8. State New Mexico
7. Location of Material (Street Address or ULSTR) La Maguina Plant	Sec. 27 T. 30N R.10W
 All requests for approval to accept oilfield exempt wastes will be accommon Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accomproved the material is not-hazardous and the Generator's certification listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned. 	impanied by necessary chemical analysis to n of origin. No waste classified nazardous by
Carbonite Filter	JUN 2000 RECEIVED OIL CON. DIV DIST. 3
ignature: David Bruttle TITLE: Land Face Waste Management Facility Authorized Agent YPE OR PRINT NAME: David Bonawitz TELE	·
This space for State Use) AFFROVED BY: Derry Frent TITLE: GCOlog AFFROVED BY: Manual TITLE: 010	15/ DATE: 6/15/00

TIERRA ENVIRONMENTAL CO., INC.

DAVID H. BONAWITZ





P.O. DRAWER 15250 FARMINGTON, NM 87401

Phone: 505-334-8894 Fax: 505-334-9024 tect@cyberport.com

1. Generator Name and Address: WILLIAMS LA MAQUINA PLANT 3.8 MILES EAST ON CR 2770
AZTEC, NEW MEXICO 87410
3. Originating Site (name): Location of the Waste (Street address &/or ULSTR): 3.8 MILES EAST ON CR 2770 AZTEC, N.M. 87410 **SECTION - 27 **TOWNISHIP-30N Attent bet of originating sites as appropriate **RANGE - 10 - W
Attach ket of ongineting sites as appropriate # RANGE - 10 - W
4. Source and Description of Waste
IDENTITY- "CARBONITE" ANTHRACITE FILTER MEDIA MANUFACTURER'S NAME-CARBONITE FILTER CORPORATION
MANUFACTURER'S NAME-CARBONITE FILTER CORPORATION
I, CHARLES TEMPLETON representative for: (Print Name) (Print Name) (On hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,
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 Levele of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.
Name (Original Signature): [Low] Title: PLANT OPERATOR III
Title: YEART OPERATOR ILL
Date: 6-14-00

<u>rict II</u> - (505) 748-1283 S. First sia, NM 8821/0 rict III - (50%) 334-5178 Rio Brazza Goad c. NM 🕍

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

Submit Origi: Plus I Co to appropri: District Offi

<u>गंत IV (२००२)</u> 827-7131	
REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE
1. ACRA Exempt: \ Non-Exempt: \ Exempt by mixtur.	4. Generator PNM
Verbal Approval Received: Yes No No	5. Originating Site
2. Management Facility Destination Tierra a Far	6. Transporter Foutz Bursum
3. Address of Facility Operato 420	8. State New Mexico
7. Location of Material (Street Address or ULSTR) Rodonda Complessor	Sec. 25 T.08NR.3W
3. Circie One:	
A. All requests for approval to accept oilfield exempt wastes will be accommodated Generator; one certificate per job. All requests for approval to accept non-exempt wastes must be accomprised the material is not-hazardous and the Generator's certification listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned.	impanied by necessary chemical analysis to n of origin. No waste classified nazardous by
The first of the state of the s	TOT Wansport.
Contaminated Soil From Compressor Oil Use stimated Volume Stimated Volume Stimated Volume (to be entered by the open	MAY 2000 MAY 20
IGNATURE David Bound TITLE: Land Farm Waste Management Schlitzautnonzeg Agent YPE OR PRINT NAME: David Bonawitz TELE	Monogea DATE: 5-4-00 EPHONE NO. 334-8894
This space for State Use) APPROVED BY: Church Lerr TITLE: Delity Od	6 instector DATE: 5/31/00
Dony Teent - Geolog	15T 5/31/00

NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE 1000 RIO BRAZOS ROAD AZTEC, NEW MEXICO 87410 (505) 334-6178 Fax (505)334-617

GARY E. JOHNSON GOVERNOR

JENNIFER A. SALISBURY CABINET SECRETARY

	·
1. Generator Name and Address:	2. Destination Name:
PNM GAS SERVICES	TIERRA ENVIRONMENTAL
PO Box 4750	
FARMINGTON, NEW MEXICO 87499	
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
PNM REDONDA	40 MILES WEST OF ALBO. NEW MEXICO
COMPRESSOR STATION	SE 1/4 SECTION 25
(VALENCIA COUNTY, NM) Attach list of originating sites as appropriate	T-08-N, R-3-W
4. Source and Description of Waste	
CONTAMINATED SOIL:	
ENGINE AND COMPRESSOR USE	ID OIL IN SANDY SOLL
•	ANUP, LESS THAN 5% MIXED WITH WATER.
THEORY STRUCTURE CLE	HOUP, LESS THAN SIN MIN VONTEIS.
•	
KEVIN E. LAWRENCE	representative for:
(Print Name)	representative for.
eccording to the Resource Conservation and Recove 988, regulatory determination, the above described	do hereby certify thatery Act (RCRA) and Environmental Protection Agency's Julwaste is: (Check appropriate classification)
	MPT oilfield waste which is non-hazardous by characteristic r by product identification
nd that nothing has been added to the exempt or no	on-exempt non-hazardous waste defined above.
For NON-EXEMPT waste the following documents MSDS Information RCRA Hazardous Waste Analysis Chain of Custody	ation is attached (check appropriate items): Other (description):
This waste is in compliance with Regulated Levels of o 20 NMAC 3.1 subpart 1403.C and D. Name (Original Signature):	Naturally Occurring Radioactive Material (NORM) pursuan
Date:	

II - (505) 748-1293 NM 88210 <u>III - (505) 334-6178</u> o Brazos Road IM 87410

IV - (505) 827-7131

Livergy vunerals and Inatural Resources Oil Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

varument RECEIVED

APR 2 7 2000

Submit Origi: נו מסססססה:

Environmental Bureau Oil Conservation Division

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

4. Generato Compressor System Tro. RCRA Exempt: Non-Exempt: X 5. Originating Site Nebu 416 Verbai Approval Received: No 🗔 Yes | 6. Transporter Lucero Const. Management Facility Destination 7. Address of Facility Operator # Location of Material (Street Address or ULSTR) Net Sec. 29 TBIN R. 7W Circle One: All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. 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 nazardous by listing or testing will be approved. Il transporters must certify the wastes delivered are only those consigned for transport. EF DESCRIPTION OF MATERIAL: ntaminated Soil From New Compressor Oil

TITLE Land Farm Manager DATE 4-24-00 TELEPHONE NO. 334-8894

pace for State Use)

TITLE: 6 4/2 DATE: 4/2

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

First a. NM 88210 ct III - (505) 334-6178 Rio Brazos Road NM 87410 ct IV - (505) 827-7131

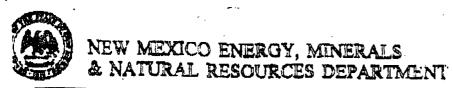
onservation ivision 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

Submit Origina
Plus 1 Copi
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE 00025
RCRA Exempt: Non-Exempt:	4. Generato Compressor Sistem Inc.
Verbai Approval Received: Yes No No	5. Originating Site Nebu 416
Management Facility Destination Tierre /and Farm	6. Transporter Lucero Consti
Address of Facility Operator #420 CR, 3100 Aztec	8. State New Mexico
Location of Material (Street Address or ULSTR) Nebu 416	Sec. 29 TBIN R. 7W
Circie One:	
A. All requests for approval to accept oilfield exempt wastes will be accommodated acceptance; one certificate per job. All requests for approval to accept non-exempt wastes must be accompacted and the Generator's certification listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned.	impanied by necessary chemical analysis to not origin. No waste classified nazardous by
RIEF DESCRIPTION OF MATERIAL:	
Contaminated Soil From New Compressor Oil	APR 2000 ON ON ON ONE CELLING 8 LOS
mates Volume cy Known Volume (to be entered by the open	rator at the end of the haul)
Traste Management racing Authorized Agent	Monager DATE: 4-24-00 EPHONE NO. 334-8894
TITLE: Geologi	15/- DATE: 4-25-00

TITLE:

1. Generator Nama and Address:



GIL GONSERVATION DIVISION AZTEZ DISTRICT OFFICE 1008 NO SMAZDE ROAD AZTEG, NEW MEXIGO 57410 (505) 334-6178 PEX (505)334-6170

GARY F IOHNSON

IENNIFER A. SALISBURY CABINET SECRETARY

CERTIFICATE OF WASTE STATUS

2. Desunation Name:

COMPRESSOR SYSTEMS	Inc Tierra Environmental
FARMINGTON NM 87	
3. Originating Site (name):	Location of the Waste (Street address &/cr ULSTR):
NEBY 416	See. 29 T. 31N R. 7W
CSI # 4/0/07	
Attach list of originating sites as appropr	
4. Source and Description of Wester	
FRAM 21 -	ICH CERED OUT OF A BEOKEN HOSE IND BLEW OIL AND FROM CONTAINMENT
AND GOT ON	GROUND.
•	·
COMPRESSOR SYST	representative for:
(Print	Name) Start Tile do hereby cartify that,
_	NON-EXEMPT diffield waste which is non-hazardous by characteristic analysis or by product identification
	ing documentation is attached (check appropriate items): Other (description): ete Analysis
This waste is in compliance with Regul to 20 NMAC 3.1 subpert 1403.C and	ated Levels of Naturally Occurring Radiosotive Material (NORM) pursuant D.
Name (Original Signature):	a R.
Title: MAINT, SUPERINT	EUDENT.
Date: 4/19/2000	· · · · · · · · · · · · · · · · · · ·
THE SE SEES 08:044 H	: 'Oh Xia : 첫



Material Sefety Data Sheet

Page 1 of 7

. CHEMICAL PRODUCT AND COMPANY EDENTIFICATION

the state of the s

CHEVRON Gas Engine Oli HDAX how Ash SAE SE

TRODUUT NUMBER(S): TPS232827 (GA D)

COMPANY IDENTIFICATION

CATION SINEAGENCY TELEPHONE NUMBERS

Chevron USA Products Company Environmental, Salety, and Health Room 2900 575 Market St. Ban Prancipco, UA 94105-2866 -RODUCT INFORMATION: MSDS Requeste: (800) 028-350.

Environmental, Safety, A Health and Product Information: (800) 882-3838

. COMPOSITION/INFORMATION ON INGREDIENTS

100.0 CHEVRON Gas Engine Oil EDAX Low Ash SAL

CONTAINING

COMPONENTS AMOUNT LIMIT/QTY AGENCY/TYPE

HYDROTREATED DIST., HVY PARA

Chemical Name: DISTILLATES, HYDROTREATED HEAVY PARAFFINIC

CAS64742547 90.03 5 mg/m3 (mist) ACGIN TWA 50 mg/m3 (mist) ACGIN STEL

O mg/m3 (mist) ACGIH STE

ADDITIVES INCLUDING THE FOLLOWING

ZINC ALKARYL DITHIOPHOSPHATE

Chemical Name: ZINC ALKARYL DITHIOPHOSPHATE

CAS54261675 < 1.5%

Revision Number: 5 Revision Date: 01/11/95 MSDS Number: 004210

NDA - No Data Available NA - Not Applicable

Propaged according to the OSHA Mazard Communication Standard (29 CPR 1910,1200) and the ANSI MEDS Standard (2400.1) by the Toxicology and Realth Risk Assessment Unit, CRTC, P.O. Box 4054. Richmond, CA 94804

Page 2 12

COMPOSITION COMMENT:

... the components of this material are on the Coxid Substances Lontrol Them: Gal Sunstances Inventory.

and ACCOMM deproision for mineral til might The ACCIH orazmu (m. 1818a mg/ lunie brazma).

Company of the Company of the Control of the Contro

ារមា<mark>ននេះស</mark>ាសា នាក្រុម ប្រែក្រុម Tresnois Impo Weight @ Average Short Lerm Exposure do TPO Threshold Blanning Quantum Reportable Quantity #EL Permissible Exposure Man 17<u>8</u> [Ceiling Limit

Appendim A Categories

(WA inc Weighted Average

"AF - Chemical Abatract Service Number Change has Been Proposed

HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

This substance is not expected to Gause projonded or significant irritation.

SKIN:

This substance is not expected to cause prolonged in Lightingant line. irritation. The nystemic toxicity on this substance has not need. determined. However, it should be practically non-toxic as internal organs if it gets on the skin.

INCESTION:

The Systemic toxicity of this substance has not been determined. Gowever it should be practically non-toxic an internal orders in swallowed.

INHALATION:

The systemic toxicity of this substance has not been determined. However it should be practically non-toxic to internal ordans (1 Inhaled). Prolonged or repeated breething of petroloum will made yes dause respiratory irritation.

SIGNS AND SYMPTOMS OF EXPOSURE:

INHALATION: Respiratory tract irritation may include, but may not be limited to, one or more of the following: nasal discharge, sore throat. coughing, bronchitis, pulmonary edema and difficulty in preathing.

4. FIRST AID MEASURES

No first aid procedures are required. However, as a precaution thush eyes with fresh water for 15 minutes. Remove contact lenses if worn.

No first aid procedures are required. As a precaution, wash skin thoroughly with soap and water. Remove and wash contaminated clothing.

It swallowed, give water or milk to drink and telephone for medical advice. Consult medical personnel before inducing vomiting. If medical

Revision Number: 5 Revision Date: 01/11/95 MSDS Number: 004210 NDA - No Data Available NA - Not Applicable

THE RESIDENCE OF THE PARTY OF T

HEVRON Gas Engine Oil HDAX Low Ash SAE 10

co: sps:

idvice cannot be obtained, then take one berson and product contained to he nearest modical emergency preatment center or cospical.

INHALATION:

To respiratory the comport by irritation because move the person be tresh See to add to it discompose on protation continues.

BOTT THE TEXT WERE THE THEORY OF THE THE THEORY OF THE THE

H. CIRE FIGHTING MEASURES THE RESIDENCE PROPERTY OF THE

FLANMABLE PROPERTIES:

FLASH POINT: (COC) 410

AUTOIGNITION: NOA

"LAMMABILITY LIMITS tate of the entitles of

EXTINGUISHING MEDIA:

CO2, Dry Chemica: Foom, water for

NFPA RATINGS: Health 1; Flammability 1: Reactivity ...

FIRE FIGHTING INSTRUCTIONS:

For fires involving this material to so tamen has energised or continued fire space without proper protective equipment, that adding we lesonthings? breathing apparatus.

COMBUSTION PRODUCTS:

Normal combustion forms carbon giounds, water waper and may arrange animal or sulfur, nitrogen and phosphorous.

o. ACCIDENTAL RELEASE MEASURES

CHENTREC EMERGENCY NUMBER (24 hr): (800)424-9308 nr (202)483-7616 ACCIDENTAL RELEASE MEASURES:

Stop the source of the leak or refease. When up releases as upon an possible. Contain liquid to prevent turther contamination of soi' surface water or groundwater. Clean up small smills being appropriat techniques such as sorbent materials or pumping. Where fensible and appropriate, remove contaminated soil. Follow prescribed procedures . reporting and responding to larger releases.

7. HANDLING AND STORAGE

HANDLING AND STORAGE!

DO NOT weld, heat or drill container. Residue may ignite with explosive violence if heated sufficiently. CAUTION! Do not use pressure to empty drum or drum may rupture with explosive force. Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT EYE/FACE PROTECTION:

The state of the s

Revision Number: 5 Revision Date: 01/11/95 MSDS Number: 004210 NDA - No Data Available NA - Not Applicable

X-005021 (01-89)

CHEVRON GAS Engine Oil HDAE Low Ash SAE 30

4 of 7 Page

No special eye protection is usually necessary.

SKIN PROTECTION:

No special skin protection is usually necessary. Avoid prolonged or frequently repeated skin contact with this material. Skin contact can be

mini tring protective clothing.

REI COTION:
No state transfer protection is normally required. However, it operating donalitions create airborne concentrations which exceed the recommended exposure standards, the use of an approved respirator is

MANUAL CONTROLS:

Usb willighte Ventilation to keep the airborne concentrations of this material below the recommended exposure standard.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL DESCRIPTION:

Dark amber liquid.

1Hq

VAPOR PRESSURE: NA

VAPOR DENSITY

(AIR=1): NA

BOILING FOINT: NΑ FREEZING POINT: NDA

MELTING POINT: NA

SOLUBILITY: Soluble in hydrocarbon solvents; insoluble in water.

SPECIFIC GRAVITY: 0.88 @ 15.6/15.60

EVAPORATION RATE: NA

VISCOSITY:

11.0 cst @ 100c (Min.)

PERCENT VOLATILE

(VOL):

NA

10. STABILITY AND REACTIVITY

HAZARDOUS DECOMPOSITION PRODUCTS:

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.

agit to the contract of the co

HAZARDOUS PPOLYMERIZATION:

Polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

Revision Number: 5 Revision Date: 01/11/95 MSDS Number: 004210

NDA - No Data Available NA - Not Applicable

5 of T eps.:

CHEVRON Gas Engine Oil HDAX Low Ash SAE 30

EYE EFFECTS:

No product toxicology data available. The nazard evaluation was based on data on the components.

SKIN BFFECTS:

No product toxicology data available. The hazard evaluation was based on data on the components.

ACUTE ORAL EFFECTS:

The surround that for was washed was So product toxicology data available data on the components.

 $(-1)^{n} = (-1)^{n}

ACUTE INHALATION EFFECTS:

No product toxicology data availance data on the components.

ADDITIONAL TOXICOLOGY INFORMATION:

This product contains petroleum base to a warren 455 am to line processes including severe solvent extraction, severe processes severe hydrotreating. None of the ottal requires a cancer wathans the the OSHA Hazard Communication standard (29 CFR 1910.1200). Those Co. .. have not been listed in the National Toxicology Program (NTP) Annua Report nor have they been classified by the International Adency for Research on Cancer (IARC) as; carcinogenic to humans (Group 1), probability carcinogenic to humans (Group 2A), or possibly carcinogenic to humans (Group 2D).

This product contains zind alkary: dithiophosphate which is dim out a toxicity to zinc alkyl dithlophosphate (ZDDP). Several (ZDDPs, have hear reported to have weak mutagenic activity in concurred mammalian collision only at concentrations that were toxic to the next colls. We do not believe that there is any mutagenic risk to workers exposed to SDDPs.

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

12. ECOLOGICAL INFORMATION

ECOTOXICITY:

No data available.

ENVIRONMENTAL FATE:

This material is not expected to present any charronmental problems other than those associated with oil spills.

13. DISPOSAL CONSIDERATIONS

DISPOSAL CONSIDERATIONS:

Oil collection services and collection centers are available for used

Revision Number: 5 Revision Date: 01/11/95 MSDS Number: 004210

NDA - No Data Available NA - Not Applicable

a the research teachers are a

CHEVRON Gas Engine Ci. HDAX Low Ash SAE 30

Page doi "

notor all recycling or disposal. Some service stations, automotive service centers, and retailers provide motor oil mollection facilities.

and contaminated materials of contamers and dispose of in a manner consistent with applicante regulations. Contact your sales representative to local environment of the search number to earlier approved disposal or e that and the through

14. TRANSPORT INFORMATION

The description shown may not apply shippionConsult 49CFR, or appropriate Dangerous coods Regulation. additional description requirements of governmental rese mode-specific or quantity openiin unipped requirement.

BOT SHIPPING NAME: NOT DESIGNATED AND BARARDOUS MATERIAL BY THE

FEDERAL DOT

DOT HAZARD CLASS: NOT APPLICABLE

DOT IDENTIFICATION NUMBER: NOT APPLICABLE

and the state of t

DOT PACKING GROUP; NOT APPLICABLE

15. REGULATORY INFORMATION

BARA	لملت	CATEGORIES:	Immediate (Acute) Delayed (Chronic)		_	
			 Wire Hazard: Sudden Release of	Urmanisen		MO MO
			Success Release C.			11112

i. Reactivity Hazard:

REGULATORY LISTS SEARCHED.

01=SARA 313	II-NU RTE	.2*TSCA Sect S(a)(3)
02=MASS RTK	12#CERCLA 302.1	23=TSCA Sect 6
03=NTP Carcinogen	⊥3=MN RTK	24=TSCA Sect 12(b)
04=CA Prop 65-Carcin	4=ACGIH TWA	25=TSCA Sect 8(a)
05=CA Prop 65-Repro Tox	35=ACGIH STEL	26=TSCA Sect. 8(d)
06=IARC Group 1	36=ACGIH Calc TLV	27=TSCA Sect. 4(a)
07=IARC Group 2A	17=OSHA PEL	28=Canadian WRMIS
08*IARC Group 28	18=DOT Marine Poliutant	29-osha CEILING
09=SARA 302/304	19=Chevron TWA	Ro=Chevron STEL
10=PA RTK	20∞EPA Cardinogen	•

The following components of this material are found on the regulatory lists indicated.

ZINC ALKARYL DITHIOPHOSPHATE is found on lists: 01,11, DISTILLATES, HYDROTREATED HEAVY PARAFFINIC is found on lists: 14,15,17,

Revision Number: 5 Revision Date: 01/11/95 MSDS Number: 004210 NDA - No Data Available NA - Not Applicable

CHEVRON Gas Engine Oil HDAX Low Ash SAE Ju

Page 32

6. OTHER INFORMATION

4FPA RATINGS: Health 1: Flammability 1: Reactivity 0: Least -- Slight 1: Moderate -2: High 3: Extreme -4). These values are prainted sating the quidelines of published available prepared by the wational Fire Protection Association (Nime) -- 100 Not beat some and coaling Association -(or HMIS rut no.)

REVISION STATEMENT:

Changes have been made throughout this taken. There are free clears read the entire document.

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modification of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose

Revision Number: 5 Revision Date: 01/11/95 MSDS Number: 004210

NDA - No Data Available NA - Not Applicable

Tet II - (505) 7-4 1283
5. First
12. NM 88210
10. 111 - (505) 3-34-6178
Rio Brazos Road
1. NM 87410

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

Submit Origina Plus I Copy to appropriate District Office

ict IV - (505) 827-7131 REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE . RCRA Exempt: X Non-Exempt: Generator Gothering Co. Verbal Approval Received /- /9-60 Yes V 5. Originating Site Management Facility Destination Terr landfarm 6. Transporter 9 Address of Facility Operator La 8. State New Mexico Location of Material (Street Address or ULSTR) Artansos Sec. 36 7.32 R.9 Circie One: All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. 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 nazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport. RIEF DESCRIPTION OF MATERIAL: Spent Carbon Filter Media Known Volume (to be entered by the operator at the end of the haul). TITLE: Cond Farm Manager DATE: 4-1900 TELEPHONE NO. 334-This space for State Use)

TITLE: 6 to log 1st DATE: 4/25/00

TITLE: Delity od 6 Inspector == 4/25/00

1. Generator Name and Address	2. Destination Name:			
Red Cedar Gathering Company				
26266 Highway 160 Durango, Colorado 81301	Tierra Environmental Co. Inc., Land Farm			
3. Originating Site (name):	Tierra Erivirorimental Co. Inc., Land Fami			
Arkansas Loop Natural Gas treating fac	cility at Sec 36 of T32 R9			
Attach list of originating sites as approp	riate APR 2000			
4. Source and Description of Waste	- RECENTARY			
Plant One-Spent Carbon Filter Media A	ppx 6 000 lbs			
Plant Two-Spent Carbon Filter Media A	nny 6 000 lbs			
	ppx. 6,000 ibs			
• • •	or: Red Cedar Gathering Company do hereby conservation and Recovery Act (RCRA) and			
	y, 1988, regulatory determination, the above			
described waste is: (check appropriate of	classification)			
_X EXEMPT oilfield waste				
NON-EXEMPT oilfield waste which	is non-hazardous by characteristic analysis or			
by product identification and that nothing	g has been added to the exempt or non-exempt			
non-hazaradous waste defined above.				
For NON-EXEMPT waste only the	following documentation is attached (check			
appropriate items):	tonowing documentation to attached (check			
MSDS Information				
Other (Description):				
Other (Description):				
RCRA Hazardous Waste Analysis				
Chain of Custody				
1	1			
Name (Original Signature):	Mayo			
Title: Manager, Safety and Environment	al 📕			
Date: April 7, 2000				



April 7, 2000

United States Department of the Interior Bureau of Indian Affairs Southern Ute Agency Danny H. Breuninger P.O. Box 315 Ignacio, Colorado 81137



RECEIVED APR 12 2000

Mr. Breuninger:

Subject: Request authorization to remove RCRA Exempt Oilfield Waste to New Mexico

Originating Location: Arkansas Loop Natural Gas Treating Facility @ Sec.36 of T32, R9

Source: Spent carbon bed filter media from natural gas treating plants one and two.

Disposal Location: Tierra Environmental Company, Inc. Remediation Facility, Crouch Mesa, San Juan County, New Mexico.

"As a condition of acceptance for disposal, I hereby certify that this is oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge no non-exempt waste that is a "characteristic or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Section 261.3(b)."

I, the undersigned, as an agent for Red Cedar Gathering Company concur with the status of the waste from the subject site.

James H. Mayo CSP

Manager, Safety and Environmental

mes HMay

CERTIFICATE FROM OUT OF STATE AGENCY 2 2000AUTHORIZING REMOVAL OF RCRA EXEMPT OILFIELD WASTE

FROM THEIR JURISDICTION TO NEW MEXICO

I have reviewed the enclosed information concerning the oilfield waste material from location <u>Arkansas Loop Natural Gas Treating Facility</u> and agree that by its description it is non-hazardous and therefore exempt from regulation by the Resource Conservation and Recovery Act (RCRA) and my jurisdictions rules, regulation or statue.

<u>X</u>	The material is exempt from regulation because it is classified as non-hazardous oilfield waste by definition.
<u>. </u>	The material is exempt from regulation by characteristic analyses.
	The material is exempt from regulation by product identification.
As a rep	EFORE: bresentative for Bureau of Indian Affairs I have no objections to the material emoved to New Mexico.
	Kenneth J. Young Acting Superintendent **Dann********************************
SIGNA'	TURE: Kemble J Young DATE: 4/10/2000
AGENO	CY: Bureau of Indian Affairs, Southern Ute Agency
ADDRI	ESS: P.O. Box 315 Ignacio, Co. 81137

PHONE: (970) 563-4514

his space for State Use)

nergy Nunerals and Natural Resources Department

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

APR 2 7 2000

Environmental Bureau
Oil Conservation Division

Submit Origina Plus 1 Cop to appropriate District Office

Originated 3/8.9

التركي والمتراط والمناز والمتراط والمساور والمتراط والمتراج والمتراج والمتراط والمتراط والمتراط والمتراط	مند المراجع في المناصرين والمناصر المناصر المناصرين والمناصرين والمناصرين والمناصرين والمناصرين والمناصرين
REQUEST FOR APPROVAL TO ACCEPT SO	OLID WASTE
RCRA Exempt: Non-Exempt:	4. Generator & Ener
Verbal Approval Received: Yes No No	5. Originating Site Silms
Management Facility Destination Tierra /ar Farm	6. Transporter / Ener
Address of Facility Operator 4	8. State New Mexico
Location of Material (Street Address or ULSTRY ens	3646,35N 107 28,09W
Circle One:	
A. All requests for approval to accept oilfield exempt wastes will be accompanied. B. All requests for approval to accept non-exempt wastes must be accompanied by the material is not-hazardous and the Generator's certification of listing or testing will be approved.	panied by necessary chemical analysis to
All transporters must certify the wastes delivered are only those consigned for	or transport.
RIEF DESCRIPTION OF MATERIAL:	
ntaminated Soil From Diesel Fuel Tant	t spill
timated Volume — Cy Known Volume (to be entered by the operate	tor at the end of the haul)
NATURE Devid Barrell TITLE: Land Farm	Manages DATE: 4-17-00 PHONE NO. 334-8894

ict II - (505) 748-1283 5. First ia, NM 88210 ict III - (505) 334-6178 -Rio Brazos Road ... NM 87410 ict IV - (505) 827-7131

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

Submit Origina.
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE 00030
RCRA Exempt: Non-Exempt:	4. Generator Key Energy
Verbal Approval Received: Yes No No	5. Originating Site Sims Mescullity
Management Facility Destination Tierra land Farm	6. Transporter Key Energy
3. Address of Facility Operator 7420 CR 3100 Aztec	8. State New Mexico
Location of Material (Street Address or ULSTRXecs Facility	3646,35N 107 28,09W
Circle One:	
All requests for approval to accept oilfield exempt wastes will be accepted. B. All requests for approval to accept non-exempt wastes must be accepted. PROVE the material is not-hazardous and the Generator's certification listing or testing will be approved.	ompanied by necessary chemical analysis to
All transporters must certify the wastes delivered are only those consigned	for transport.
RIEF DESCRIPTION OF MATERIAL:	
Contaminated Soil From Diesel Fuel Talestimated Volume ————————————————————————————————————	erator at the end of the haul)
PE OR PRINT NAME: David Boravitz TEL	EPHONE NO. 334-8874
This space for State Use) PPROVED BY: 1 TITLE: Geology TITLE: 1	DATE: 4/25/00

420 C.R. 3100 Aztec, NM 87401 3. Originating Site: (name): Location of the Waste (Street Address &/or ULSTR Key Energy Services, Inc. 36 46.35N 107 28.09W Sims Mesa Facility Junction of the 8 mile marker on Hwy. 527 & Rosa Road, (Attach list of origination sites as appropriate) 4. Source and Description of Waste Fuel spill from Diesel Tank. Hatchway gasket gave way and started a slow leak. Spill area was 4ft x 4ft with 3 inches of penetration into the ground. Contaminated dirt will be dug up and transported to Tierra Environmental Company, Crouch Mesa Landfarm for disposal by a Key Energy employee. I, Bob James, representative for Key Energy Services, Four Corners Division do hereby certify that, according to the Resource Conservation and Recovery Act (RECA) and Environmental Protection Agency's July 1988, regulatory determination, the above described waste is: (Check appropriate classification) EXEMPT oilfield waste X NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification. And that nothing has been added to the exempt or non-exempt non-hazardous waste defined above. For NON-EXEMPT waste only the following documentation is attached (check appropriate items): X MSDS Information RCRA Hazardous Waste Analysis Chain of Custody Name (Original Signature): Farmington Shop Manager	1. Generator Name and Address:	2. Destination Name:
Four Corners Division 5951 US Highway 64 Farmington NM, 84701 3. Originating Site: (name): Location of the Waste (Street Address &/or ULSTR Key Energy Services, Inc. 36 46.35N 107 28.09W Sims Mesa Facility Junction of the 8 mile marker on Hwy. 527 & Rosa Road, (Attach list of origination sites as appropriate) 4. Source and Description of Waste Fuel spill from Diesel Tank. Hatchway gasket gave way and started a slow leak. Spill area was 4ft x 4ft with 3 inches of penetration into the ground. Contaminated dirt will be dug up and transported to Tierra Environmental Company, Crouch Mesa Landfarm for disposal by a Key Energy employee. 1. Bob James, representative for Key Energy Services, Four Corners Division do hereby certify that, according to the Resource Conservation and Recovery Act (RECA) and Environmental Protection Agency's July 1988, regulatory determination, the above described waste is: (Check appropriate classification) EXEMPT oilfield waste X NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification. and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above. For NON-EXEMPT waste only the following documentation is attached (check appropriate items): X MSDS Information RCRA Hazardous Waste Analysis Chain of Custody Name (Original Signature): Farmington Shop Manager Title: Farmington Shop Manager	Key Energy Services, Inc.	Tierra Environmental Company, Inc.
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Title: Farmington Shop Manager	MSDS Information RCRA Hazardous Waste Analysis	• • • • • • • • • • • • • • • • • • • •
	Name (Original Signature):	Jam
	Title: Farmington Shop Manage	<u></u>
Date: April 14, 2000	Date: April 14, 2000	



N a erial Safety Data Sheet

Section 1. Cher	nical Product and Company Identification		
Trade name	Diesel #2 Oil	Code	000456
Supplier	Fina Oil and Chemical Co	MSDS#	P33
	P.O. Box 2159 Dallas, TX 75221	Validation Date	e 3/25/99
Synonym	Fuel Oil # 2, Furnace Oil #2	Print Date	9/13/99
MSDS Name	Diesel Oil #2	Responsible for Preparation	r Larry Myers
Chemical Family	Hydrocarbon Mixture		
CAS Registry Number	68476-34-6		nemtrec: (800) 424-9300 NA: (800) 322-FINA
Threshold Limit Value	TWA: 100 (mg/m³) from NIOSH		
Manufacturer	Fina Oil and Chemical Co	Technical Po	ort Arthur: (409) 962-4421
·· Imimime MI CI	P.O. Box 849 Port Arthur, TX 77641-0849		

Section 2. Composition and Inform	ation on Ingr	redients	
Name	CAS#	% by Weight	Exposure Limits
1) Diesel Oil #2	68476-34-6	100	TWA: 100 (mg/m³) from NIOSH

Physical State and Appearance	Liquid.
Emergency Overview	COMBUSTIBLE LIQUID AND VAPOR. Vapor may cause fire. MAY CAUSE NERVOUS SYSTEM, GASTROINTESTINAL TRACT, RESPIRATORY TRACT, SKIN, EYES DAMAGE. MAY CAUSE EYE IRRITATION. Causes severe skin irritation.
Routes of Entry	Dermal contact. Eye contact. Inhalation. Ingestion.
Potential Acute Health Effects	·
Eyes	Hazardous in case of eye contact (irritant).
Skin	Sensitization of the product: Not available. Very hazardous in case of skin contact (irritant). Non-corrosive for skin. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.
[nh alation	Intoxication, dizziness, drowsiness, headache and nausea, weakness and fatigue. Burning sensation in chest, possible asphyxiation and unconsciousness.
Ingestion	Local irritation, burning sensation in mouth, esophagus, and stomach. Vomiting, belching, and diarrhea with blood-tinged feces. Drowsiness. The greatest hazard of ingestion is accidental PULMONARY ASPIRATION, which can cause potentially fatal CHEMICAL PNEUMONITIS and NONCARDIOGENIC PULMONARY EDEMA.
Potential Chronic Health Effects	Signs and symptoms of chronic exposure are similar to those of acute exposure. Skin: dermatitis. CARCINOGENIC EFFECTS: 3 (Not classifiable for human.) by IARC. Lifetime skin painting studies conducted by the American Petroleum Institute and others have shown that similar products boiling between 175-370 C (350-700 F) usually produce skin tumors and/or cancer in mice. The degree of carcinogenic response was weak to moderate with a relatively long latent period. The implications of these results for humans have not been determined. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available.
Medical Conditions Aggravated by Overexposure	Repeated exposure to an highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.
Overexposure /Signs/Symptoms	Not available.

Section 4. First Aid Measures					
Eye Contact	Check for and remove any contact lenses. Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. DO NOT use an eye ointment. Seek medical attention.				
Skin Contact	After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.				
Inhalation	Allow the victim to rest in a well ventilated area. Seek immediate medical attention.				
Ingestion	DO NOT induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.				
Notes to Physician	May administer activated charcoal or gastric lavage. Emesis may result in chemical pneumonitis (#2 Diesel). Consider chest x-ray after acute overexposure and perform kidney function tests if symptoms develop or overexposure is suspected (kerosene).				

Section 5. Fire Fighting Measures					
Flammability of the Product	Combustible.				
Auto-ignition Temperature	>204°C (399.2°F)				
Flash Points	CLOSED CUP: 54.4°C (130°F). (Pensky-Martens.).				
Flammable Limits	LOWER: 0.4% UPPER: 6%				
Products of Combustion	carbon oxides (CO, CO2) sulfur oxides (SO2, SO3)				
Fire Hazards in Presence of Various Substances	Flammable in presence of open flames and sparks, of heat.				
Explosion Hazards in Presence of Various Substances	Risks of explosion of the product in presence of static discharge: Expected. Risks of explosion of the product in presence of mechanical impact: Not expected. No specific information is available in our database regarding the product's risks of explosion in the presence of various materials.				
Fire Fighting Media and Instructions	SMALL FIRE: Use DRY chemical powder, CO ₂ , and halon. LARGE FIRE: Use water spray, fog or foam. DO NOT use water jet.				
Protective Clothing (Fire)	Wear MSHA/NIOSH approved self-contained breathing apparatus or equivalent and full protective gear (Bunker gear).				
Special Remarks on Fire Hazards	Combustible. Avoid inhalation of vapors. May generate dense smoke while burning.				
Special Remarks on Explosion Hazards	May form explosive mixtures with air. Container may explode in fire. Flashback along vapor trail may occur. May explode if ignited in an enclosed area.				

Section 6. Accide	ntal Release Measures
Small Spill and Leak	Warn personnel to move away. Eliminate ignition sources and ventilate area. Absorb with an inert material and place in an appropriate waste disposal container.
Large Spill and Leak	Combustible material. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

	andling and Storage
Handling	Do not breathe gas, fumes, vapor or spray. Keep away from incompatibles such as oxidizing agents. Keep away from sources of ignition.
Storage	Keep container tightly closed. Keep in a cool, well-ventilated place. Keep away from sources of ignition. Keep away from incompatibles as oxidizers.

Section 8. Exposure Controls/Personal Protection

Engineering Controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection

Eyes Safety glasses. Splash goggles.

Body Flame retardant clothing covering the entire body.

Respiratory

Use a MSHA/NIOSH approved respirator or equivalent at high concentrations.

Hands Chemical

ant gloves if contact is possible.

Feet Not applicable.

Protective Clothing (Pictograms)



Personal Protection in Case of a Large Spill

Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Product Name

Exposure Limits

1) Diesel Oil #2

TWA: 100 (mg/m²) from NIOSH

Consult local authorities for acceptable exposure limits.

Section 9. Physical and Chemical Properties			
Physical State and Appearance	Liquid.	Odor	Kerosine-like
Molecular Weight	Not applicable.	Taste	Not available.
Molecular Formula	Not applicable.	Color	Straw color.
pH (1% Soln/Water)	Not applicable.		· ·
Boiling/Condensation Point	160 to 354.4°C (320 to 670°F)		
Melting/Freezing Point	Not available.		
Critical Temperature	Not available.		
Specific Gravity	0.87 (Water = 1)		
Vapor Pressure	1.6 mm of Hg (@ 20°C)		
Vapor Density	8 (Air = 1)		
Volatility	100% (v/v).		
Odor Threshold	Not available.		
Evaporation Rate	600 X slower compared to Ethylether		
VOC	100 (%)		
Viscosity	Not available.		
LogK	Not available.		
Ionicity (in Water)	Not available.		
Dispersion Properties	Not available.		
Solubility in Water	Negligible.		
Physical Chemical Comments No additional remark.			

Section 10. Stability and Reactivity		
Stability and Reactivity	The product is stable.	
Conditions of Instability	No additional remark.	
Incompatibility with Various Substances	Extremely reactive or incompatible with strong oxidizing agents.	
Hazardous Decomposition Products	carbon monoxide & carbon dioxide	
Hazardous Polymerization	No.	

Toxicity to Animals	Acute oral toxicity (LD50): 7500 mg/kg [Rat]. Acute oral toxicity (LD50): 9 ml/kg [Rat]. Acute dermal toxicity (LD50): >3160 mg/kg [Rabbit].
Chronic Effects on Humans	CARCINOGENIC EFFECTS: 3 (Not classifiable for human.) by IARC. Lifetime skin painting studies conducted by the American Petroleum Institute and others have shown that similar products boiling between 175-370 C (350-700 F) usually produce skin tumors and/or cancer in mice. The degree of carcinogenic response was weak to moderate with a relatively long latent period. The implications of these results for humans have not been determined. The substance is toxic to the nervous system, gastro-intestinal tract, upper respiratory tract, skin, eyes.
Other Toxic Effects on Humans	Very hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant), of eye contact (irritant).
Special Remarks on Toxicity to Animals	Prolonged or repeated inhalation of hichly concentrated petroleum distallates caused liver tumors in mice and kidney damaage and tumors in male rats. Skin paint with distillates (boiling range 100-700 F) applied repeatedly and never washed off can cause skin cancer. Chronic exposure to unfiltered diesel exhaust produced tumors in lungs and lymphomas in mice and rats.
Special Remarks on Chronic Effects on Humans	NIOSH recommends that whole diesel exhaust be regarded as a potential carcinogen.
Special Remarks on Other Toxic Effects on Humans	No additional remark.

Section 12. Ecological Information		
Ecotoxicity	Aquatic toxicity: 2990 ppm/24 hr (kerosene). Does not bioconcentrate in the food chain (kerosene).	
BOD5 and COD	53%, 5 days (kerosene)	
Biodegradable/OECD	Not available.	
Mobility	Not available.	
	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.	
Toxicity of the Products of Biodegradation	Not available.	
Special Remarks on the Products of Biodegradation	No additional remark.	

Section 13. Dispo	osal Considerations
Waste Information	Recover free liquid. Transfer to an approved disposal area in accordance with federal, state, and local regulations.
Waste Stream	Not available.
Consult your local or reg	ional authorities.

Section 14. Transport Information

DOT Classification

DOT CLASS 3: Flammable liquid.



Flammable liquids n.o.s.

NA1993

Not available.

Marine Pollutant

Not available.

Hazardous Substances Reportable Not available. Quantity

Special Provisions for

TDG Classification

No additional remark.

Transport

TDG CLASS 3: Flammable liquid.

ADR/RID Classification

ADR CLASS 3: Flammable liquid A.

IMO/IMDG Classification

IMDG CLASS 3.1: Flammable liquid (Low flash point).

ICAO/IATA Classification IA7

IATA CLASS 3: Flammable liquid.

Section 1.5. Regulatory Informa

HCS Classification

HCS CLASS: Combustible liquid having a flash point between 37.8°C (100°F) and 93.3°C (200°F).

U.S. Federal Regulations

TSCA inventory: Diesel Oil #2

SARA 313 toxic chemical notification and release reporting: No products were found.

Clean water act (CWA) 307: No products were found. Clean water act (CWA) 311: No products were found.

Clean air act (CAA) 112 accidental release prevention: No products were found. Clean air act (CAA) 112 regulated flammable substances: No products were found. Clean air act (CAA) 112 regulated toxic substances: No products were found.

International Regulations

WHMIS (Canada)

WHMIS CLASS B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F).

CEPA DSL: Diesel Oil #2

EINECS

Not available.

DSCL (EEC)

R36/38- Irritating to eyes and skin.

International Lists

No products were found.

State Regulations

Pennsylvania RTK: Diesel Oil #2

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute. No products were found.

Section 16. Other Information

Label requirements

COMBUSTIBLE LIQUID AND VAPOR.

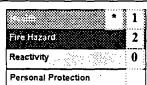
Vapor may cause fire.

MAY CAUSE NERVOUS SYSTEM, GASTROINTESTINAL TRACT, RESPIRATORY TRACT, SKIN, EYES

DAMAGE.

Hazardous Material Information System

(U.S.A.)



National Fire Protection

Association (U.S.A.)



References

LOLI AND TOMES (Vol 37: RTECS, CHRIS, & NEW JERSEY HAZARDOUS SUBSTANCE FACT SHEETS)

Other Special

Considerations

No additional remark.

Validated by Larry Myers on 3/25/99.

Verified by Paul Bradley.

Printed 9/13/99

Chemtrec: (800) 424-9300 FINA: (800) 322-FINA

Notice to Reader

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

υax ibs. NM 88241-1980 rict II - (505) 748-1283 S. First sia, NM 88210 rict III - (505) 334-6178

Energy Mirrals and Natural Resources Department Dil Conservation Division 2040 South Pacheco Street

Submit Origina. Plus I Copy to appropriate

Originated 3/8,97

Santa Fe, New Mexico 87505 1 Rio Brazos Road (505) 827-7131 District Office c. NM 87410 rict IV - (505) 827-7131

REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE 00029		
1. RCRA Exempt: Non-Exempt:	4. Generator Conoco Inc. NG & GP		
Verbal Approval Received: Yes No No	5. Originating Site San Juan		
2. Management Facility Destination Tierra land Farm	6. Transporter Riles Indi		
3. Address of Facility Operator #20 CR 3100 Aztec	8. State New Mexico		
7. Location of Material (Street Address or ULSTR Conoco San Joan	#6/ CR4900 Bloom Field N.M.		
9. Circle One:			
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 nazardous by listing or testing will be approved.			
All transporters must certify the wastes delivered are only those consigned	d for transport.		
Champion - GasTreat-102	APR 2000 ON ON ON 168195		
stimated Volume 400 Bb/s cy Known Volume (to be entered by the operator at the end of the haul) 400 Bb/s by			
waste Management FacilityAuthonzed Agent	m Manager DATE: 4-17-00 EPHONE NO. 334-8894		
y = 1	DAG 145/edon === 4/25/00		

1. Generator Name and Address:	2. Destination Name:
Conoco IncNG&GP	Tierra Environmental Co., Inc.
San Juan Gas Plant	Tierra Land Farm Faculity
61 CR 4900	420 CR 3100
Bloomfield, NM 87413	Aztec, San Juan County NM 87410
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
Same As Above (Generator)	
	'
Attach list of edginating cities at appropriate	
4. Source and Description of Weste	
_	
Sulfa Check System - H2S treating/scru	bbing liquid
Champion - Gas Treat 102	· ·
	,
For the month of April	
I was a second of	
I. Richard R. Theander (Print Name)	representative for:
	do hereby certify that,
Conoco Inc. NGGCP. San Juan Gas Plant	
	Act (RCRA) and Environmental Protection Agency's July,
1988, regulatory determination, the above described w	1920 12: (Cuton abbiobusts distribution)
EVERABLE	
	PT oilfield waste which is non-hazardous by characteristic
analysis or s	by product identification
and that mathing has been added as at a community	
and that nothing has been added to the exampt or non-	exempt non-nazardous waste germad above.
- NAN EVERING	
For NON-EXEMPT waste only the following docume	intation is attached (check appropriate items):
X MSDS Information	Other idescription):
RCRA Hazardous Waste Analysis	
Chain of Custody	
and desired and the second section 1 to the second second second second second second second second second second	
Name (Original Standards)	100
Name (Original Signature): Thehard TX.	Theonder D.
	Theonder froduct to be
Name (Original Signature): Thehard T.	Theonder froduct to be delivered as
Title: Process Foreman	delivered oy
	Theonder Product to be delivered on Monday 17th.

. wax . obs. NM 88241-1980 <u>trict II</u> - (505) 748-1283 S. First

Energy wurnerals and Natural Resources Department Jil Conservation Division 2040 South Pacheco Street

Submit Origina.

-Originated 3/8/9]

Plus I Copy to appropriate District Office

sia, NM 88210 rict III - (505) 334-6178 Santa Fe, New Mexico 87505 Rio Brazos Road (505) 827-7131 .c. NM 87410 rict IV - (505) 827-7131

REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE 00028		
1. RCRA Exempt: Non-Exempt: Toust	Red Cedlar 4. Generator Gathering Co.		
Verbal Approval Received. 4-3-∞ Yes ✓ No ☐	5. Originating Site Gas Plant		
2. Management Facility Destination Tierra / and Farm	6. Transporter Rilec Incl.		
3. Address of Facility Operator 420 CR 3100 Aztec	8. State New Mexico		
7. Location of Material (Street Address or ULSTR) Arkanges Loop Gas Piant	Sec. 36 T.32 R.9		
 9. Circle One: 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 nazardous by listing or testing will be approved. 			
All transporters must certify the wastes delivered are only those consigned	for transport.		
BRIEF DESCRIPTION OF MATERIAL:			
Sludge From water evaporation pond	APR 2000 RECEIVED CILCON. DIV DIST. 3		
Estimated Volume 160 Bbbs cy Known Volume (to be entered by the open	erator at the end of the haul) 160 Bb/c cy		
SIGNATURE: Devid Bend TITLE: Land Fam. Wasie Management Fability Authorized Agent TYPE OR PRINT NAME: David Bonewitz TEL	n Manage / DATE: 4-3-00 EPHONE NO. 334-8894		
	026 125Ach === 4/13/00		

Generator Name and Address	2. Destination Name:
Red Cedar Gathering Company 26266 Highway 160	
Durango, Colorado 81301	Tierra Environmental Co. Inc., Land Farm
3. Originating Site (name):	
Arkansas Loop Natural Gas treating fa	cility at Sec 36 of T32 R9
Attach list of originating sites as approp	riate
4. Source and Description of Waste	
Non-Recyclable sludge from the proces	s water evaporation pond - approximately 160
certify that, according to Resource C	for: Red Cedar Gathering Company do hereby Conservation and Recovery Act (RCRA) and ly, 1988, regulatory determination, the above classification)
x EXEMPT oilfield waste	
	is non-hazardous by characteristic analysis or g has been added to the exempt or non-exempt
For NON-EXEMPT waste only the appropriate items):MSDS Information	following documentation is attached (check
Other (Description):	
RCRA Hazardous Waste Analysis	
Chain of Custody	
Name (Original Signature): Amb 1 Title: Manager, Safety and Environment Date: March 1, 2000	tal mays

GATHERING COMPANY

March 1, 2000

United States Department of the Interior Bureau of Indian Affairs Southern Ute Agency Danny H. Breuninger P.O. Box 315 Ignacio, Colorado 81137

Mr. Breuninger:



Originating Location: Arkansas Loop Natural Gas Treating Facility @ Sec.36 of T32, R9

Source: Sludge from process water evaporation pond.

Disposal Location: Tierra Environmental Company, Inc. Remediation Facility, Crouch Mesa, San Juan County, New Mexico.

"As a condition of acceptance for disposal, I hereby certify that this is oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Section 261.3(b)."

I, the undersigned, as an agent for Red Cedar Gathering Company concur with the status of the waste from the subject site.

James H. Mayo CSP

Manager, Safety and Environmental

CERTIFICATE FROM OUT OF STATE AGENCY

AUTHORIZING REMOVAL OF RCRA EXEMPT OILFIELD WASTE

FROM THEIR JURISDICTION TO NEW MEXICO

I have reviewed the enclosed information concerning the oilfield waste material from

location Arkansas Loop Natural Gas Treating Facility and agree that by its description it is non-hazardous and therefore exempt from regulation by the Resource Conservation and Recovery Act (RCRA) and my jurisdictions rules, regulation or statue.

__X___ The material is exempt from regulation because it is classified as non-hazardous oilfield waste by definition.

_____ The material is exempt from regulation by characteristic analyses.

_____ The material is exempt from regulation by product identification.

The material is exempt from regulation by product identification.

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

NAME: Danzy H. Breuninger / TITLE: Acting Superintendant

SIGNATURE: JULY JAMUNING DATE: 3/10/00

AGENCY: Bureau of Indian Affairs, Southern Ute Agency

ADDRESS: P.O. Box 315 Ignacio, Co. 81137

PHONE: (970) 563-4514

. Box 1 obs. NM 88241-1980 rict II - (505) 748-1283 S. First sia, NM-88210

rict III - (505) 334-6178

rict IV - (505) 827-7131

7 Rio Brazos Road

:c, NM 87410

Energy Mir

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

Submit Origina.

Originated 3/8/97

Plus I Copy to appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE 00026	
1. RCRA Exempt: Non-Exempt: D. Foust	4. Generator Burlington Resources	
Verbal Approval Received: d-3-00 Yes ☑ No ☐	5. Originating SiteMCGrath # 4	
2. Management Facility Destination Tresson land Few m	6. Transporter W.S.S.	
3. Address of Facility Operator #420 CR 3100 Aztec	8. State New Mexico	
7. Location of Material (Street Address or ULSTR) Menth Swoffy	See 34 T, 30W. R:12W	
 9. Circle One: 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 nazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport. 		
Contaminated Soil From leaks around Storage Tanks APR 2000 APR 2		
Estimated Volume cy Known Volume (to be entered by the ope		
SIGNATURE LOCKED Something TITLE (and Fra	Manager DATE 4-3-00	

(This space for State Use)

YPE OR PRINT NAME:

Waste Management Facility Authorized Agent

TELEPHONE NO.

TITLE: Delity Od 6 instead == 4/13/2000



NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION AFTED DISTRICT CFFICE 1000 RIG BRAZUS ROAD ATTEC, NEW MERICO 07418 (806) 324-6170 Fax (208)324-6170

GARY E. JOHNSON

Jenneper A. Saliebury C'abinet secretary

1. Generator Name and Address:	2. Destination Name:
Burlington Resources	Tierra Environmental Company INC.
- 3401 East 30th Street Farmington, NM 87401	
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
McGrath # SWD	Me Grath SWD
	Sec 34, T30W, R12W
Artech has of originating sites an appropriate	
4. Source and Description of Waste	of miner in he wround storage tanks
within secondary containment pr	r clean-up of minor leaks around storage tank our to installing new tank.
Petroleum conteminated Soils .	
<u> </u>	
1. Gregg Wurtz (Print Name) Burlington Resources	representative for:
(Print Name)	do hereby cartify that,
Burlington Resources	Recovery Act (RCRA) and Environmental Protection Agency's July.
according to the hasolics conservation are 1988, regulatory determination, the shove of	escribed waste is: (Check appropriate dessification)
X EXEMPT citield waste N	ON-EXEMPT difficid waste which is non-hazardous by characteristic ralysis or by product identification
and that nothing has been added to the exen	npt or nen-exampt non-hazardous waste defined above.
For NON-EXEMP) waste the following of MSDS information	ocumentation is attached (check appropriate items): Other (description):
RCRA Hazardous Waste Ar	
Chain of Custody	
Company of the second s	
This waste is in compliance with Regulated L	uvels of Naturally Occurring Radioactive Material (NORM) pursuant
to 20 NMAC 3.1 subpart 1403.C and D.	
Name (Original Signature):	and Wante
	
Tislas Garage LI D- n	
Title: Environmental Rep.	
Title: Excitor montal Rep. Date: Murch 29, 2000	

<u>District I</u> - (505) 393-6161 P. O. Box 1980 Hobbs, NM 88241-1980 District II = (505) 748-1283

New Mexico Energy Merals and Natural Resources Department Oil Conservation Division

2040 South Pacheco Street

Form C-138 Originated 3/8/95

Submit Original Plus I Čopy

to appropriate

District Office

811 S. First Artesia, NM 88210 r:-trict III - (505) 334-6178 7 Rio Brazos Road c, NM 87410. District IV - (505) 827-7131

Santa Fe, New Mexico 87505 (505) 827-7131

REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE OCCOG
1. RCRA Exempt: Non-Exempt:	4. Generator Bulington Resources
Verbal Approval Received 3-24-02 Yes ☑ No ☐	5. Originating Site M. Grath SWD
2. Management Facility Destination Tierra land Farm	6. Transporter Down Trucking
3. Address of Facility Operator 420 CR 3100 Aztec	8. State New Mexico
7. Location of Material (Street Address or ULSTR) MCG Th 5 WO Ty	Sec. 34 T. 30W R. 12W
 9. Circle One: All requests for approval to accept oilfield exempt wastes will be accepted. B. All requests for approval to accept non-exempt wastes must be accepted. PROVE the material is not-hazardous and the Generator's certification listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned. 	ompanied by necessary chemical analysis to in of origin. No waste classified hazardous by
BRIEF DESCRIPTION OF MATERIAL:	
Tank Bottoms	MAR 2000 RECEIVED OLCON. DRV DIST. S
Estimated Volume 320 Bbls cy Known Volume (to be entered by the op	erator at the end of the haul) 320 Bbls cy
SIGNATURE Doud Bond TITLE: Landlar Waste Management Facility Authorized Agent	n. Manager DATE: 3-29-00
TYPE OR PRINT NAME:TEL	EPHONE NO.
(This space for State Use) APPROVED BY: Demy D. Famt TITLE: Geslog	DATE: 4/13/00

TITLE: Delity oil & 645



NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION TORR RIG BEAZOR ROAD AZTEC, NEW MEXICO SIAIS

GARY E. JOHNSON GOVERNOR

JENNIFER A. SALISBURY CABINET SECRETARY

1. Generator Name and Address:	2. Destination Name:
Burlington Resources	Tierra
3535 East Both Street	
Farming lost , How Mexico 87401	
I. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
Mc Grath SWD #4	Mc Grath SWD #4
	Unit: SW Section: 34 Township 3014
And 18 To 18 To 18 To 18 To 18 To 18 To 18 To 18 To 18 To 18 To 18 To 18 To 18 To 18 To 18 To 18 To 18 To 18 To	Range: 12W
Attach list of engineting sites as appropriate Source and Description of Weste	7
Me Grath SWD#4 storage to	to Truck hablance
TO WITH DWUTT STOPAGE TO	BANKS, I BE TO THE STATE
•	1
	· '
·	1
· · · · · · · · · · · · · · · · · · ·	
Frequ Wort Z	representative for:
Print Namai	
Burlington Resource	do hereby certify that,
cording to the Resource Conservation and Recove	ary Act (RCRA) and Environmental Protection Agency's July,
188, regulatory determination, the above described	Waste ist (Cheek appropriate classification)
ENCERCIA THE STATE OF THE STATE	Account to the second s
	MPT diffield waste which is non-hazardous by characteristic
anaiysts o	r by product identification
d that nothing has been added to the exempt or no	and charles are in the state of the same
s and the sent of the first to the street of the section of the	ALEVELINT LIGHT-STRINGT MOTE COLLUS 900AC
r NON-EXEMPT waste the following documents	stian is attended inhark senseeines in
MSDS Information RCRA Happrious Wasta Analysis	Other (description):
Chain of Custody	
·	
is waste is in compliance with Required (and of	Naturally Occurring Radioscrive Material (NORM) pursuant
20 NMAC 3.1 subpart 1403,C and D.	· santament Anderstiff . mesonothed Midfolds Isaferstell heriografi
ume (Original Signature):	West
farigina argumentati	Edward - Langlane
ile: ENU. Ren.	
ite: Manday Hori/ 03 7	1000
HSZP: TO 8888 57 Judy	
SE EXECT FIN MIN	CDN XD-1

- (505) 393-6161 P.O. Box 1980 Hobbs, NM 88241-1980 - (505) 748-1283

a, NM 88210

rrict III - (505) 334-6178

Rio Brazos Road

...c, NM 87410

- (505) 827-7131

Energy N. 2r.

New Mexico rals and Natural Resources L_rartment Oil Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505

(505) 827-7131

Form C-138 Originated 8/8/95

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REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE 00027
1. RCRA Exempt: Non-Exempt: D, Fourt	4. Generator Basin Disposal
Verbal Approval Received 3-27-08 € No □	5. Originating Site Same 1
2. Management Facility Destination Tierra landform	6. Transporter Inland Tracking
3. Address of Facility Operator \$\frac{\pi}{420} CR. \$\frac{3100}{20} Aztec	8. State New Mexico
7. Location of Material (Street Address or ULSTR) Basin Disposal	CR, 5046 BloomField N.M.
9. <u>Circle One</u> :	
All requests for approval to accept oilfield exempt wastes will be acc Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be acc PROVE the material is not-hazardous and the Generator's certification listing or testing will be approved.	ompanied by necessary chemical analysis to
All transporters must certify the wastes delivered are only those consigne	d for transport.
BRIEF DESCRIPTION OF MATERIAL:	
Tank Bottoms Mix in to Sludge	SULEI ZILLINGO
Estimated Volume 250 cy Known Volume (to be entered by the op	erator at the end of the haul)cy
SIGNATURE: David Boracuit TITLE: Landface Waste Management Facility additionated Agent TYPE OR PRINT NAME: David Boracuit TEL	n Manager DATE: 3-27-00 EPHONE NO. 334-8894
(This space for State Use)	
APPROVED BY: Deny 2, Feer TITLE: Geolog	15T DATE: 3/31/00
TITLE MODELLY OF	026 10 Charles 1 - 1- 5/3/100

OIL GONSERVATION DIVISION AZTEC DISTRICT DEFICE 1000 RIG BRAZOS ROAD AZTEC, NEW MEXICO ST410 (DDS) 234-6178 F28 (505)224-617

GARY E. JOHNSON

JENNIFER A. SALLSBURY CABINET SECRETARY

1. Generator Name and Address:	2. Destination Name:
BASIN DISPOSA!	2. Destination Name: Tierra ENViron menta
PAP 15	1767
P.O. Box 100 Aglec	
3. Originating Site (name): /	Location of the Waste (Street address & for ULSTR): CR 5046 MAH WAY between AzTec + Bloomfield NM
BASIN Dispusal	CR LOHG RAH WAY between
North Digition	ON DO DE LAND
<u> </u>	Astec + Bloomticld NI
Attach list of originating sites as appropriate	
4. Source and Description of Waste	1 10
ON DIFT Mixed, S	luoige
. T B	
1, Jimme Barns (Print Name)	representative for:
ALIME (ABUM)	do hereby certify that.
according to the Resource Conservation and Rec	covery Act (RCRA) and Environmental Protection Agency's July,
1988, regulatory determination, the above described EXEMPT oilfield waste NON-E	covery Act (RCRA) and Environmental Protection Agency's July, bed waste is: (Check appropriate classification) EXEMPT oilfield waste which is non-hazardous by characteristic
1988, regulatory determination, the above described EXEMPT oilfield waste NON-E analyse	bed waste is: (Check appropriate classification) EXEMPT cliffield waste which is non-hazardous by characteristic is or by product identification
1988, regulatory determination, the above described EXEMPT oilfield waste NON-E analyse	covery Act (RCRA) and Environmental Protection Agency's July, bed waste is: (Cheek appropriate classification) EXEMPT oilfield waste which is non-hazardous by characteristic
1988, regulatory determination, the above described EXEMPT oilfield waste NON-E analysis and that nothing has been added to the exempt of	covery Act (RCRA) and Environmental Protection Agency's July, bed waste is: (Check appropriate classification) EXEMPT cilifiald waste which is non-hazardous by characteristic is or by product identification or non-exempt non-hazardous waste defined above.
EXEMPT oilfield wasta NON-Exempt of the transfer of NON-EXEMPT wasta the following documents of the exempt of	bed waste is: (Cheek appropriate classification) EXEMPT cilifield waste which is non-hazardous by characteristic is or by product identification or non-exempt non-hazardous waste defined above. mentation is attached (check appropriate Items): Other (description):
EXEMPT oilfield wasts and that nothing has been added to the exempt of the NON-EXEMPT wasts the following documents of the Hazardous Wasts Analysis	bed waste is: (Check appropriate classification) EXEMPT cilifield waste which is non-hazardous by characteristic is or by product identification or non-exempt non-hazardous waste defined above. mentation is attached (check appropriate Items): Other (description):
EXEMPT oilfield wasta NON-Exempt of the transfer of NON-EXEMPT wasta the following documents of the exempt of	bed waste is: (Cheek appropriate described on Agency's July, bed waste is: (Cheek appropriate described on by characteristic is or by product identification or non-exempt non-hazardous waste defined above. Description is attached (check appropriate Items): Other (description):
EXEMPT oilfield wasts and that nothing has been added to the exempt of the NON-EXEMPT wasts the following documents of the Hazardous Wasts Analysis	bed waste is: (Check appropriate described on Agency's July, bed waste is: (Check appropriate described on the characteristic is or by product identification or non-exempt non-hazardous waste defined above. Description is attached (check appropriate Items): Other (description):
EXEMPT cliffield wasts NON-Example and that nothing has been added to the exempt of the NON-EXEMPT waste the following documents of the Hazardous Waste Analysis Chain of Custody	bed waste is: (Check appropriate classification) EXEMPT cliffield waste which is non-hazardous by characteristic is or by product identification or non-exempt non-hazardous waste defined above. mentation is attached (check appropriate Items): Other (description):
EXEMPT cliffield wasts NON-Example and that nothing has been added to the exempt of the NON-EXEMPT waste the following documents of the Hazardous Waste Analysis Chain of Custody	bed waste is: (Cheek appropriate described on Agency's July, bed waste is: (Cheek appropriate described on by characteristic is or by product identification or non-exempt non-hazardous waste defined above. Description is attached (check appropriate Items): Other (description):
EXEMPT cliffield wasts NON-Exempt can and that nothing has been added to the exempt can and that nothing has been added to the exempt can are NON-EXEMPT wasts the following documents of the exempt can are not can always of the exempt can are not	bed waste is: (Check appropriate classification) EXEMPT cliffield waste which is non-hazardous by characteristic is or by product identification or non-exempt non-hazardous waste defined above. mentation is attached (check appropriate Items): Other (description):
EXEMPT oilfield waste NON-E analysis and that nothing has been added to the exempt of the NON-EXEMPT waste the following documents of the MSDS information RCRA Hazardous Waste Analysis Chain of Custody This waste is in compliance with Regulated Levels to 20 NMAC 3.1 subpart 1403.C and D.	bed waste is: (Check appropriate classification) EXEMPT cliffield waste which is non-hazardous by characteristic is or by product identification or non-exempt non-hazardous waste defined above. mentation is attached (check appropriate Items): Other (description):
EXEMPT oilfield waste NON-E analysis and that nothing has been added to the exempt of the NON-EXEMPT waste the following documents of the MSDS information RCRA Hazardous Waste Analysis Chain of Custody This waste is in compliance with Regulated Levels to 20 NMAC 3.1 subpart 1403.C and D.	bed waste is: (Check appropriate classification) EXEMPT cliffield waste which is non-hazardous by characteristic is or by product identification or non-exempt non-hazardous waste defined above. mentation is attached (check appropriate Items): Other (description):
EXEMPT oiffield wasts NON-Exempt of analysis and that nothing has been added to the exempt of the NON-EXEMPT waste the following documents of the Hazardous Waste Analysis Chain of Custody This waste is in compliance with Regulated Levels to 20 NMAC 3.1 subpart 1403.C and D. Name (Original Signature):	bed waste is: (Check appropriate classification) EXEMPT cliffield waste which is non-hazardous by characteristic is or by product identification or non-exempt non-hazardous waste defined above. mentation is attached (check appropriate Items): Other (description):
EXEMPT oilfield wasts NON-E analysis and that nothing has been added to the exempt of the NON-EXEMPT waste the following documents of the Marketon MSDS information MSDS informa	bed waste is: (Check appropriate classification) EXEMPT cliffield waste which is non-hazardous by characteristic is or by product identification or non-exempt non-hazardous waste defined above. mentation is attached (check appropriate Items): Other (description):

- (505) 393-6161 O. Box 1980 Obbs. NM 88241-1980 - (505) 748-1283

a, NM 88210

*trict III - (505) 334-6178

Rio Brazos Road

...c, NM 87410

- (505) 827-7131

New Mexico

Energy iv. _rals and Natural Resources L _artment

Oil Conservation Division 2040 South Pacheco Street

2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131 Form C-138 Originated 8/8/95

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REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE 00024
1. RCRA Exempt: Non-Exempt:	4. Generator Budington Resources
Verbal Approval Received: Yes No No	5. Originating Site pump Canyon SWD
2. Management Facility Destination Tierra land Farm	6. Transporter Down Trucking
3. Address of Facility Operator 420 CR, 3100 Aztec	8. State New Mexico
7. Location of Material (Street Address or ULSTR) Pump Conunn SM	
9. Circle One:	
All requests for approval to accept oilfield exempt wastes will be accepted. Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accepted. PROVE the material is not-hazardous and the Generator's certification listing or testing will be approved.	ompanied by necessary chemical analysis to
All transporters must certify the wastes delivered are only those consigned	d for transport.
	erator at the end of the haul) 300 Ph/s cy
Waste Management Facility Authorized Agent	I'M Manage/ DATE: 3-28-00 LEPHONE NO. 334-8894
(This space for State Use)	
APPROVED BY: Demy J. Foul TITLE: GOOLO	0915T DATE: 3/31/00

1. Generator Name and Address:	2. Destination Name:
Burlington Resources 3401 East 30 th Street Farmington NM 87401	Tierra
3. Originating Site (name):	Location of the Waste (Street address /or ULSTR):
Pump Canyon SWD	Pump Canyon SWD
	Unit: J Section: 7 Township: 30N Range: 8W
4. Source and Description of Waste:	
Removing sludge from water storage tanks.	
	į.
I. Ed Hasely	representative for:
I. Ed Hasely Burlington Resources	representative for: do hereby certify that,
Burlington Resources	do hereby certify that, overy Act (RCRA) and Environmental Protection Agency's July,
Burlington Resources according to the Resource Conservation and Reco 1988, regulatory determination, the above described to the Resource Conservation and Reco	do hereby certify that, overy Act (RCRA) and Environmental Protection Agency's July,
Burlington Resources according to the Resource Conservation and Reco 1988, regulatory determination, the above described to the EXEMPT oilfield waste.	do hereby certify that, overy Act (RCRA) and Environmental Protection Agency's July, bed waste is: (Check the appropriate classification) EXEMPT oilfield waste which is non-hazardous by characteristic is or by product identification.
Burlington Resources according to the Resource Conservation and Reco 1988, regulatory determination, the above describ EXEMPT oilfield waste NON- analys and that nothing has been added to the exempt or n	do hereby certify that, overy Act (RCRA) and Environmental Protection Agency's July, bed waste is: (Check the appropriate classification) EXEMPT oilfield waste which is non-hazardous by characteristic is or by product identification. on-exempt non-hazardous waste defined above.
Burlington Resources according to the Resource Conservation and Reco 1988, regulatory determination, the above described to the EXEMPT oilfield waste NON-analyse	do hereby certify that, overy Act (RCRA) and Environmental Protection Agency's July, bed waste is: (Check the appropriate classification) EXEMPT oilfield waste which is non-hazardous by characteristic sis or by product identification. on-exempt non-hazardous waste defined above.
Burlington Resources according to the Resource Conservation and Reco 1988, regulatory determination, the above describ EXEMPT oilfield waste NON- analys and that nothing has been added to the exempt or n	do hereby certify that, overy Act (RCRA) and Environmental Protection Agency's July, bed waste is: (Check the appropriate classification) EXEMPT oilfield waste which is non-hazardous by characteristic is or by product identification. on-exempt non-hazardous waste defined above.

O. Box 1980 bbs, NM 88241-1980 strict II - (505) 748-1283 1 S. First tesia, NM 88210

trict III - (503) 334-6178

New Mexico Energy Mighrals and Natural Resources Defartment Oil Conservation Division

2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131 Form C-138
Originated 3/8/95

DATE 3/31/00 175

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Rio Brazos Road ...c, NM 87410 urrict IY - (505) 827-7131

REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE 00024
1. RCRA Exempt: Non-Exempt:	4. Generator Budington Resources
Verbal Approval Received: Yes No No	5. Originating Site pump Canyon SWD
2. Management Facility Destination Tierra land Farm	6. Transporter Dawn Trucking
3. Address of Facility Operator 420 CR. 3100 Aztec	8. State New Mexico
7. Location of Material (Street Address or ULSTR) Pump Conun Sho	Sec. 7 T, 30N R, 8W
9. <u>Circle One</u> :	
 All requests for approval to accept oilfield exempt wastes will be acceded Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accepted PROVE the material is not-hazardous and the Generator's certification listing or testing will be approved. 	ompanied by necessary chemical analysis to on of origin. No waste classified hazardous by
All transporters must certify the wastes delivered are only those consigned	d for transport.
Sludge From Water Storage Tank Estimated Volume 300 Bbk cy Known Volume (to be entered by the open	erator at the end of the haul)
SIGNATURE: Day Brand TITLE: Land Factory Authorized Agent TYPE OR PRINT NAME: Day & Borowitz TEL (This space for State Use)	Sm Manager DATE: 3-28-00 EPHONE NO. 334-8694
APPROVED BY: Deny J. Junt TITLE: GOOLO	DATE: 3/31/00

TITLE: Deluty Od 6 14 SPECTORS

Date: Monday, March 27, 2000

Generator Name and Address:	2. Destination Name:
Burlington Resources 3401 East 30 th Street	Тіетта
Farmington NM 87401	
Originating Site (name):	Location of the Waste (Street address /or ULSTR):
Pump Canyon SWD	Pump Canyon SWD
Unit: J	Section: 7 Township: 30N Range: 8W
•	
Source and Description of Waste:	
Removing sludge from water storage tanks.	
Ed Hasely	representative for:
Burlington Resources	do hereby certify that.
according to the Resource Conservation and Recovery Act (RC	
**************************************	y www y z z z y y y y y y y y
1988, regulatory determination, the above described waste is:	(Check the appropriate classification)
1988, regulatory determination, the above described waste is:	(Check the appropriate classification)
	eld waste which is non-bazardous by characteristic
■ EXEMPT oilfield waste	eld waste which is non-bazardous by characteristic
EXEMPT cilfield waste NON-EXEMPT cilfic analysis or by produ	eld waste which is non-bazardous by characteristic act identification.
EXEMPT oilfield waste NON-EXEMPT oilfield waste analysis or by produced that nothing has been added to the exempt or non-exempt non-	eld waste which is non-hazardous by characteristic oct identification. I-hazardous waste defined above.
EXEMPT oilfield waste NON-EXEMPT oilfield waste analysis or by produced that nothing has been added to the exempt or non-exempt non-	eld waste which is non-hazardous by characteristic oct identification. I-hazardous waste defined above.
EXEMPT oilfield waste NON-EXEMPT oilfield waste analysis or by produced that nothing has been added to the exempt or non-exempt non-exempt non-exempt non-exempt non-exempt waste only the following documentation is atMSDS InformationO	eld waste which is non-hazardous by characteristic oct identification. I-hazardous waste defined above.
EXEMPT oilfield waste NON-EXEMPT oilfield waste analysis or by produced that nothing has been added to the exempt or non-exempt non-	eld waste which is non-hazardous by characteristic act identification. 1-hazardous waste defined above. tached (chech appropriate items):

rict I - (505) 393-6161 Box 1980 os, NM 88241-1980 a rict II - (505) 748-1283 Spilit sia, NM 88210 rict III - (505) 334-6178 Rio Brazos Road

rict IV - (505) 827-7131

c, NM 87410

Energy M

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

.tment **RECEIVED**

Submit Original Plus I Copy

Form C-138

Originated 8/8/95

APR 0 3 2000

Environmental Bureau Oil Conservation Division

to appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT	
1. RCRA Exempt: Non-Exempt: X	4. Generator Inc.
Verbal Approval Received 327-02 Yes ☑ No ☐	5. Originating Site Nebu 412
2. Management Facility Destination liera land Farm	6. Transporter Inland Trucking
3. Address of Facility Operator #420 CR 3100 Astec	8. State New Mexico
7. Location of Material (Street Address or ULSTR) Nebu 4/2	Sec. N297, 31N R, 7W
9. <u>Circle One</u> : C3I# 41-0/53	
A. All requests for approval to accept oilfield exempt wastes will be acc Generator; one certificate per job. All requests for approval to accept non-exempt wastes must be accept PROVE the material is not-hazardous and the Generator's certification listing or testing will be approved.	ompanied by necessary chemical analysis to
All transporters must certify the wastes delivered are only those consigne	d for transport.
BRIEF DESCRIPTION OF MATERIAL:	
Contaminated Soil From New Compressor of APR 2000 RECEIVED OIL CON. DIV DIST. S Estimated Volume Tyds Cy Known Volume (to be entered by the open contaminated by the	erator at the end of the haul)
	om Manager DATE: 3-29-00
waste management raciiity Authorized Agent	MI TVINIAGET DATE: 3 272 O
TYPE OR PRINT NAME: TEI	EPHONE NO.
(This space for State Use)	
APPROVED BY: Deny of tony TITLE: G-EO/	00/5/ DATE: 3/31/00
ACREONIED BY MANAGER (J. W. A) TITLE THE PARTY OF	1000 1 1 1000 1 200 W /2 /00

O. Box 1980

bbs, NM 88241-1980

strict II - (505) 748-1283

1 S. First

tesia, NM 88210

"trict III - (505) 334-6178

Trict Brazos Road

cc, NM 87410

strict IV - (505) 827-7131

APPROVED BY:

Energy iv

ew exico
rals and Natural Resources F
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

(505) 827-7131

rtment

Originated 8/8/95

Submit Original Plus I Copy to appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT	00000
1. RCRA Exempt: Non-Exempt: X	4. Generator Inc.
Verbal Approval Received 3-27-0 Yes ☑ No ☐	5. Originating Site Nebu 412
2. Management Facility Destination Tierra land Form	6. Transporter Inland Trucking
3. Address of Facility Operator 7420 CR 3100 Astec	8. State New Mexico
7. Location of Material (Street Address or ULSTR) Nebu 4/2	Sec. N297, 31N R. 7W
9. <u>Circle One</u> : C5I# 4/-0/53	
A. All requests for approval to accept oilfield exempt wastes will be accommodated Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompact. PROVE the material is not-hazardous and the Generator's certification listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned.	ompanied by necessary chemical analysis to not origin. No waste classified hazardous by
BRIEF DESCRIPTION OF MATERIAL:	
Contaminated Soil From New Compressor of	MAR 2000 -5 STANDARD
Estimated Volume	erator at the end of the haul)cy
SIGNATURE: Dans Ballity Authorized Agent TITLE: Land Far	om Manager DATE: 3-29-00
TYPE OR PRINT NAME: TEL	EPHONE NO.
(This space for State Use) APPROVED BY: Deny & Tent TITLE: Geolog	157 DATE: 3/31/00

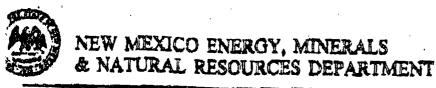
TITLE:

DATE.

FROM :

FAX NO. ;

Mar. 27 2000 05:04PM P2



OIL CONSERVATION DIVISION ARTEC DISTRICT OPPICE 1000 KID BRAZOR ROAD ATTEC, NEW MEXICO 81440 16661 884-8178 FRX (2008)334-8170

GARY E. JOHNSON

JENNIFER A. SALISBURY CABINET SECRETARY

1. Generator Name and Address: Compress n Sysiems inc	2. Dastination Name:	
PO BOX 2144	Tierra landFarm	
FARMYEN NM 87499		
3. Originating Site (name):		
NeBU 412 (Devo-)	Lacation of the Waste (Street address &/or ULSTR):	
CS1 # 41-0153	Sec. N29 T. 31N R.7W	
Attach list of originating sites as appropriate		1995
4. Source and Description of Waste	_ / Less then	1 200 cm
Compressor oil whe	4 LEAKED OUT BY)-1
means of A Broken	H LEAKED OUT BY OIL COULER-OIL WAS	
CONTAINED BUT Some	RAN over on GRound.	
" DAvid Abgeo	representative for:	
Prior Name		
according to the Resource Conservation and Recover 1988, regulatory determination, the above described to	V Act (RCRA) and Environmental Protection Agency's July	
EXEMPT diffield waste NON-EXEM	IFT oilfield waste which is non-hazardous by characteristic by product identification	
and that nothing has been added to the exempt or nor	-exempt non-hazardous waste defined above.	
For NON-EXERNT waste the following documentary MSDS information RCRA Hexandous Waste Analysis Chain of Custody		
This waste is in compliance with Requisted Levels of N to 20 NMAC 3.1 subpart 1403.C and D	laturelly Occurring Redicentive Meterial (NORM) pursuant	
Name (Original Signature):	A90	
Title: 005/Hour		
Date: 3-28-2000	- 	

PAGE



Material Safety Data Sheet

1 of 7 Page

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEVRON HDAX NG Screw Compressor Oil

PRODUCT NUMBER(S): CPS255204 CPS255205

SYNONYM: CHEVRON HDAX NG Screw Compressor Oil ISO 150 CHEVRON HDAX NG Screw Compressor Oil ISO 68

COMPANY IDENTIFICATION

EMERGENCY TELEPHONE NUMBERS

Chevron Products Company Global Lubricants 555 Market St. Room 803 San Francisco, CA 94105-2870 HEALTH (24 hr): (800)231-0623 or (510)231-0623 (International) TRANSPORTATION (24 hr): CHEMTREC (800)424-9300 or (703)527-3887 Int'l collect calls accepted

PRODUCT INFORMATION: MSDS Requests: (800) 228-3500 Environmental, Safety, & Health Info: (415) 894-0703 Product Information: (800) 582-3835

2. COMPOSITION/INFORMATION ON INGREDIENTS

100.0 % CHEVRON HDAX NG Screw Compressor Oil

CONTAINING

COMPONENTS AMOUNT LIMIT/QTY AGENCY/TYPE

HYDROTREATED DIST., HVY PARA

Chemical Name: DISTILLATES, HYDROTREATED HEAVY PARAFFINIC

CAS64742547 > 80.00% 5 mg/m3 (mist) ACGIH TWA 10 mg/m3 (mist) ACGIH STEL

5 mg/m3 (mist) OSHA PEL

ADDITIVES

< 20.00%

COMPOSITION COMMENT:

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

Revision Number: 0 Revision Date: 10/25/97 MSDS Number: 006852

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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

EVR :

Not expected to cause prolonged or significant eye irritation. SKIN:

Contact with the skin is not expected to cause prolonged or significant irritation. Not expected to be harmful to internal organs if absorbed through the skin.

INGESTION:

Not expected to be harmful if swallowed.

INHALATION:

Contains a petroleum-based mineral oil that may cause respiratory irritation or other pulmonary effects following prolonged or repeated inhalation of airborne levels above the recommended exposure limit.

4. FIRST AID MEASURES

EYE:

No specific first aid measures are required because this material is not expected to cause eye irritation. As a precaution remove contact lenses, if worn, and flush eyes with water.

SKIN:

No specific first aid measures are required because this material is not expected to be harmful if it contacts the skin. As a precaution, remove clothing and shoes if contaminated. Use a waterless hand cleaner, mineral cil, or petroleum jelly to remove the material. Then wash skin with soap and water. Wash or clean contaminated clothing and shoes before reuse.

INCESTION:

No specific first aid measures are required because this material is not expected to be harmful if swallowed. Do not induce vomiting. As a precaution, give the person a glass of water or milk to drink and get medical advice. Never give anything by mouth to an unconscious person.

INHALATION:

If exposed to excessive levels of material in the air, move the exposed person to fresh air. Get medical attention if coughing or respiratory discomfort occurs.

5. FIRE FIGHTING MEASURES

FIRE CLASSIFICATION:

Classification (29 CFR 1910.1200): Not classified by OSHA as flammable or

Revision Number: 0

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328985

CHEVRON HDAR NG Screw Compressor Oil

combustible.

FLAMMABLE PROPERTIES:

FLASH POINT: (COC) 419-446F (215-230C) Min.

AUTOIGNITION: NDA

FLAMMABILITY LIMITS (% by volume in air): Lower: NA Upper: NA

EXTINGUISHING MEDIA:

CO2, Dry Chemical, Foam, Water Fog

NFPA RATINGS: Health 1; Flammability 1; Reactivity 0.

FIRE FIGHTING INSTRUCTIONS:

This material will burn although it is not easily ignited.

COMBUSTION PRODUCTS:

Normal combustion forms carbon dickide and water vapor and may produce oxides of nitrogen and phosphorus. Incomplete combustion can produce carbon monoxide.

6. ACCIDENTAL RELEASE MEASURES

CHEMTREC EMERGENCY NUMBER (24 hr): (800)424-9300 or (703)827-3887 International Collect Calls Accepted

ACCIDENTAL RELEASE MEASURES:

Stop the source of the leak or release. Clean up releases as soon as possible. Contain liquid to prevent further contamination of soil, surface water or groundwater. Clean up small spills using appropriate techniques such as sorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Follow prescribed procedures for reporting and responding to larger releases.

7. HANDLING AND STORAGE

Do not use pressure to empty drum or drum may rupture with explosive force. Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, wald, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty drums should be completely drained, properly bunged, and promptly returned to a drum reconditioner, or properly disposed of. Avoid contaminating soil or releasing this material into sewage and drainage systems and bodies of water.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS

Use in a well-ventilated area. If user operations generate an oil mist, use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below the recommended exposure limits.

PERSONAL PROTECTIVE EQUIPMENT

EYE/FACE PROTECTION:

No special eve protection is normally required. Where splashing is

Revision Number: 0

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CHEVRON HDAX MG Screw Compressor Oil

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possible, wear safety glasses with side shields as a good safety practice. SKIN PROTECTION:

No special protective clothing is normally required. Where splashing is possible, select protective clothing depending on operations conducted, physical requirements and other substances. Suggested materials for protective gloves include: <Viton> <Nitrile> <Silver Shield> <4H> RESPIRATORY PROTECTION:

No special respiratory protection is normally required. If user operations generate an oil mist, determine if sirborne concentrations are below the recommended exposure limits. If not, select a NIOSH/MSHA approved respirator that provides adequate protection from concentrations of this material. Use the following elements for air-purifying respirators: particulate.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL DESCRIPTION:

Liquid.

pH: NDA

VAPOR PRESSURE: NA

VAPOR DENSITY

(AIR=1): NA

BOILING POINT: NDA

FREEZING POINT: NDA

MELTING POINT: NA

SOLUBILITY: Soluble in hydrocarbon solvents; insoluble in water.

SPECIFIC GRAVITY: NDA DENSITY: NDA

EVAPORATION RATE: NA

VISCOSITY: 61.2 - 135 cst @ 40c (Min.)

PERCENT VOLATILE

(VOL):

NA

10. STABILITY AND REACTIVITY

HAZARDOUS DECOMPOSITION PRODUCTS:

No data available.

CHEMICAL STABILITY:

Stable.

CONDITIONS TO AVOID:

No data available.

INCOMPATIBILITY WITH OTHER MATERIALS:

May react with strong oxidizing agents, such as chlorates, nitrates,

peroxides, etc.

HAZARDOUS POLYMERIZATION:

Polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

Ravision Number: 0

Revision Date: 10/25/97

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CKEVRON HDAX NG Screw Compressor Oil

EYE EFFECTS:

The eye irritation hazard is based on data for a similar material.

The skin irritation hazard is based on data for a similar material. ACUTE ORAL EFFECTS:

The acute oral toxicity is based on data for a similar material. ACUTE INHALATION EFFECTS:

The acute respiratory toxicity is based on data for a similar material.

ADDITIONAL TOXICOLOGY INFORMATION:

This product contains petroleum base oils which may be refined by various processes including severe solvent extraction, severe hydrocracking, or severe hydrocracking. None of the oils requires a cancer warning under the OSHA Hazard Communication Standard (29 CFR 1910.1200). These oils have not been listed in the National Toxicology Program (NTP) Annual Report nor have they been classified by the International Agency for Research on Cancer (IARC) as; carcinogenic to humans (Group 1), probably carcinogenic to humans (Group 2A), or possibly carcinogenic to humans (Group 2B).

12. ECOLOGICAL INFORMATION

ECOTOXICITY:

This material is not expected to be harmful to aquatic organisms. ENVIRONMENTAL FATE:

This material is not expected to be readily biodegradable.

13. DISPOSAL CONSIDERATIONS

Oil collection services are available for used oil recycling or disposal. Place contaminated materials in containers and dispose of in a manner consistent with applicable regulations. Contact your sales representative or local environmental or health authorities for approved disposal or recycling methods.

14. TRANSPORT INFORMATION

The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

DOT SHIPPING NAME: NOT DESIGNATED AS A HAZARDOUS MATERIAL BY THE FEDERAL DOT

DOT HAZARD CLASS: NOT APPLICABLE

DOT IDENTIFICATION NUMBER: NOT APPLICABLE

DOT PACKING GROUP: NOT APPLICABLE

Revision Number: 0 Revision Date: 10/28/97 MEDS Number: 006852

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15. REGULATORY INFORMATION

SARA 311 CATEGORIES:

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

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		27-TSCA Sect 4(a)
07=IARC Group 2A	17-OSHA PEL	28-Canadian WHMIS
08=IARC Group 2B	18-DOT Marine Pollutant	29=OSHA CEILING
09=SARA 302/304	19=Chevron TWA	30-Chevron STEL
10-PA RTK	20-EPA Carcinogen	

The following components of this material are found on the regulatory lists indicated.

DISTILLATES, HYDROTREATED HEAVY PARAFFINIC is found on lists: 14,15,17,

EU RISK AND SAFETY STATEMENTS:

May cause long-term adverse effects in the aquatic environment.

NEW JERSEY RTK CLASSIFICATION:

Under the New Jersey Right-to-Know Act L. 1983 Chapter 315 N.J.S.A. 34:5A-1 et. seq., the product is to be identified as follows: PETROLEUM OIL

WHNIE CLASSIFICATION:

This product is not considered a controlled product according to the criteria of the Canadian Controlled Products Regulations.

16. OTHER INFORMATION

NFPA RATINGS: Health 1; Flammability 1; Reactivity 0; HMIS RATINGS: Health 1; Flammability 1; Reactivity 0; (0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme, PPE:- Personal Protection Equipment Index recommendation, *- Chronic Effect Indicator). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

REVISION STATEMENT:

This is a new Material Safety Data Sheer

Revision Number: 0

Revision Date: 10/25/97

MSDS Number: 006852

CHEVRON HDAX NG Screw Compressor Oil

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ABBREVIATIONS THAT MAY HAVE BEEN USED IN THIS DOCUMENT:

TLV - Threshold Limit Value

TWA - Time Weighted Average

STEL - Short-term Exposure Limit

TPO - Threshold Planning Quantity

RO - Reportable Quantity

PEL - Permissible Exposure Limit

CAS - Chemical Abstract Service Number

- Ceiling Limit C

() - Change Has Been Proposed

Al-5 - Appendix A Categories NDA - No Data Available

NA - Not Applicable

Prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the ANSI MSDS Standard (Z400.1) by the Toxicology and Health Risk Assessment Unit, CRTC, P.O. Box 4054, Richmond, CA 94804

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modification of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

THIS IS THE LAST PAGE OF THIS MSDS

Revision Number: 0

Revision Date: 10/25/97

MSDS Number: 006852

District I - (505) 393-6161 P. O. Box 1980 Hobbs, NM \$8241 980 District II - (505) 748-1283 \$11 S: First Artesia, NM 88210 Trick III - (505) 334-6178 Rio Brazos Road

District IV - (505) 827-7131

...c, NM 87410

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

partment

Form C-138 Originated 9/8/95

Submit Origina.
Plus I Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE OCC23
1. RCRA Exempt: Non-Exempt: 🔀	4. Generator Key Energy
Verbal Approval Received: Yes No No	5. Originating Site Kec Yard
2. Management Facility Destination Tierra land Farm	6. Transporter Kec Everge
3. Address of Facility Operator 420 CR 3100 Aztec	8. State New Mexico
7. Location of Material (Street Address or ULSTR) Ket Energy yard	5651 Hur 64 Farminator
9. Circle One:	
A. All requests for approval to accept oilfield exempt wastes will be accepted. B. All requests for approval to accept non-exempt wastes must be accepted. B. All requests for approval to accept non-exempt wastes must be accepted. All transporters must cortify the wastes deligated as a selection of the second seco	ompanied by necessary chemical analysis to n of origin. No waste classified hazardous by
All transporters must certify the wastes delivered are only those consigned BRIEF DESCRIPTION OF MATERIAL:	o for transport.
Contaminated Soil From diesel Fuel sy NAR 2000 Constant of the contaminated Soil From diesel Fuel sy NAR 2000 Contaminated Soil Fuel sy NAR 2000 Contaminated Soil From diesel Fuel Soil From diesel Fuel Soil From diesel Fuel Soil From diesel Fuel Soil From dies	MAR 2000 MAR 2000 MAR CENTON OIL OFFT. 3
SIGNATURE: Deut Bould Bould TITLE: Land Tari	n Manager DATE:

(This space for State Use)

TYPE OR PRINT NAME: 4

APPROVED BY: Herry G. Kull

TITLE: (Leologis)

DATE: <u>3/20/00</u>

TITLE: Environmontal Galas Star 3-22-06

TELEPHONE NO. 3-20-00

D. Box 1980 obs. NM 88241-1980 itrict II - (505) 748-1283 . S. First

trict III. - (505) 334-6178

<u>trict IV</u> - (505) 827-7131

esia, NM 88210

.c. NM 87410

7 Rio Brazos Road

Energy M

New Mexico
als and Natural Resources D
Oil Conservation Division
2040 South Pacheco Street

Santa Fe, New Mexico 87505

(505) 827-7131

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

rtment

Form C-138 Originated 3/8/93

Submit Original Plus I Copy to appropriate District Office

PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by

BRIEF DESCRIPTION OF MATERIAL:

listing or testing will be approved.

Contaminated Soil From diesel Fuel spill

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



	95 t 5 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Estimated Volume —	cy Known Volume (to be entered by the operator at the end of the haul)	—— зу
SIGNATURE: Waste Management & TYPE OR PRINT NAME: Divide	TITLE: Landfarm Manager DATE: additionated Agent TELEPHONE NO. 3-20-00	
(This space for State Use) APPROVED BY: Demy	S. Telent TITLE: Geologist - DATE: 3/20/	(O)

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address.		2. Destination Name.
Key Energy Services, Inc.		Tierra Environmental Company, Inc.
Four Corners Division		Crouch Mesa Landfarm
5651 US Highway 64		420 C.R. 3100
Farmington NM, 84701		Aztec, NM 87401
3. Originating Site: (name):		Location of the Waste (Street Address &/or ULSTR)
Key Energy Services, Inc.		Key Energy Services, Inc.
Farmington Facility		5651 US Highway 64
5651 US Highway 64		Farmington NM, 84701
Farmington NM, 84701		
(Attach list of origination sites as approp	oriate)	
4. Source and Description of Waste		
Contaminated dirt from diesel spill	from trucks	
Contaminated dirt from dieser spin	mom tracks.	
I, Bob James, representative for Key E	Energy Servic	es, Four Corners Division do hereby certify that,
		y Act (RECA) and Environmental Protection
Agency's July 1988, regulatory determin	nation, the abo	ve described waste is:
(Check appropriate classification)		•
EXEMPT oilfield waste	X	NON-EXEMPT oilfield waste which is non-hazardous
LXEINF FOILIEID Waste	^	by characteristic analysis or by product identification.
		by characteristic analysis of by product identification.
and that nothing has been added to the	exempt or nor	n-exempt non-hazardous waste defined above.
	•	
-	wing documen	tation is attached (check appropriate items):
X MSDS Information		Other (description):
RCRA Hazardous Was	ste Analysis	
Chain of Custody		
	_	
		<u>,</u>
/ ,) rd 49	
Name (Original Signature):	10000	1 dan
	01	
Title: Farmington	Shop Manage	er
Date:	March 18, 200	00



Material Safety Data Sheet

Section 1. Cher	nical Product and Company Identification					
Trade name	Diesel #2 Oil	Code		000456		
Supplier	Fina Oil and Chemical Co	MSDS#		P33		
	P.O. Box 2159 Dallas, TX 75221	Validation	Date	3/25/99		
Synonym	Fuel Oil # 2, Furnace Oil #2	Print Date		9/13/99		
MSDS Name	Diesel Oil #2	Responsible Preparation		Larry Myers		
Chemical Family	Hydrocarbon Mixture					
CAS Registry Number	68476-34-6	In Case of Emergency		ntrec: (800) 424-9300 : (800) 322-FINA		
Threshold Limit Value	TWA: 100 (mg/m³) from NIOSH	Technical	Port A	Arthur: (409) 96 2-4421		
Manufacturer	Fina Oil and Chemical Co P.O. Box 849 Port Arthur, TX 77641-0849	information				

Section 2. Composition and Information on Ingredients			
Name	CAS#	% by Weight	Exposure Limits
1) Diesel Oil #2	68476-34-6	100	TWA: 100 (mg/m³) from NIOSH

Physical State and Appearance	Liquid.
5 .	COMBUSTIBLE LIQUID AND VAPOR. Vapor may cause fire. MAY CAUSE NERVOUS SYSTEM, GASTROINTESTINAL TRACT, RESPIRATORY TRACT, SKIN, EYES DAMAGE. MAY CAUSE EYE IRRITATION. Causes severe skin irritation.
Routes of Entry	Dermal contact. Eye contact. Inhalation. Ingestion.
Potential Acute Health Effects	
Eyes	Hazardous in case of eye contact (irritant).
	Sensitization of the product: Not available. Very hazardous in case of skin contact (irritant). Non-corrosive for skin. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.
	Intoxication, dizziness, drowsiness, headache and nausea, weakness and fatigue. Burning sensation in chest, possible asphyxiation and unconsciousness.
_	Local irritation, burning sensation in mouth, esophagus, and stomach. Vomiting, belching, and diarrhea with blood-tinged feces. Drowsiness. The greatest hazard of ingestion is accidental PULMONARY ASPIRATION, which can cause potentially fatal CHEMICAL PNEUMONITIS and NONCARDIOGENIC PULMONARY EDEMA.
	Signs and symptoms of chronic exposure are similar to those of acute exposure. Skin: dermatitis. CARCINOGENIC EFFECTS: 3 (Not classifiable for human.) by IARC. Lifetime skin painting studies conducted by the American Petroleum Institute and others have shown that similar products boiling between 175-370 C (350-700 F) usually produce skin tumors and/or cancer in mice. The degree of carcinogenic response was weak to moderate with a relatively long latent period. The implications of these results for humans have not been determined. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available.
Medical Conditions Aggravated by Overexposure	Repeated exposure to an highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.
Overexposure /Signs/Symptoms	Not available.

Section 4. First	Aid Measures
Eye Contact	Check for and remove any contact lenses. Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. DO NOT use an eye ointment. Seek medical attention.
Skin Contact	After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.
Inhalation	Allow the victim to rest in a well ventilated area. Seek immediate medical attention.
Ingestion	DO NOT induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.
Notes to Physician	May administer activated charcoal or gastric lavage. Emesis may result in chemical pneumonitis (#2 Diesel) Consider chest x-ray after acute overexposure and perform kidney function tests if symptoms develop overexposure is suspected (kerosene).

Section 5. Fire Fighti Flammability of the Product	
· · · · · · · · · · · · · · · · · · ·	
Auto-ignition Temperature	>204°C (399.2°F)
Flash Points	CLOSED CUP: 54.4°C (130°F). (Pensky-Martens.).
Flammable Limits	LOWER: 0.4% UPPER: 6%
Products of Combustion	carbon oxides (CO, CO2) sulfur oxides (SO2, SO3)
Fire Hazards in Presence of Various Substances	Flammable in presence of open flames and sparks, of heat.
Explosion Hazards in Presence of Various Substances	Risks of explosion of the product in presence of static discharge: Expected. Risks of explosion of the product in presence of mechanical impact: Not expected. No specific information is available in our database regarding the product's risks of explosion in the presence of various materials.
Fire Fighting Media and Instructions	SMALL FIRE: Use DRY chemical powder, CO₂, and halon. LARGE FIRE: Use water spray, fog or foam. DO NOT use water jet.
Protective Clothing (Fire)	Wear MSHA/NIOSH approved self-contained breathing apparatus or equivalent and full protective gear (Bunker gear).
Special Remarks on Fire Hazards	Combustible. Avoid inhalation of vapors. May generate dense smoke while burning.
Special Remarks on Explosion Hazards	May form explosive mixtures with air. Container may explode in fire. Flashback along vapor trail may occur. May explode if ignited in an enclosed area.

Section 6. Accide	ntal Release Measures
Small Spill and Leak	Warn personnel to move away. Eliminate ignition sources and ventilate area. Absorb with an inert material and place in an appropriate waste disposal container.
Large Spill and Leak	Combustible material. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7. Handling and Storage			
Handling	Do not breathe gas, fumes, vapor or spray. Keep away from incompatibles such as oxidizing agents. Keep away from sources of ignition.		
Storage	Keep container tightly closed. Keep in a cool, well-ventilated place. Keep away from sources of ignition. Keep away from incompatibles as oxidizers.		

Section 8. Exp	re Controls/Personal Protection	
Engineering Controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal work-station location.	
Personal Protection		
	Eyex Safety glasses. Splash goggles.	
	Body Flame retardant clothing covering the entire body.	
Re	use a MSHA/NIOSH approved respirator or equivalent at high concentrations.	

Diesel #2 Oil

Page: 3/5

Hunds Chemica.

lant gloves if contact is possible.

Feet Not applicable.

Protective Clothing (Pictograms)



Personal Protection in Case of a Large Spill

Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Product Name

Exposure Limits

1) Diesel Oil #2

TWA: 100 (mg/m²) from NIOSH

Consult local authorities for acceptable exposure limits.

Physical State and Appearance	Liquid.	Odor	Kerosine-like	
Molecular Weight	Not applicable.	Taste	Not available.	
Molecular Formula	Not applicable.	Color	Straw color.	·
pH (1% Soln/Water)	Not applicable.			
Boiling/Condensation Point	160 to 354.4°C (320 to 670°F)	,		
Melting/Freezing Point	Not available.			
Critical Temperature	Not available.			
Specific Gravity	0.87 (Water = 1)			
Vapor Pressure	1.6 mm of Hg (@ 20°C)	······································		
Vapor Density	8 (Air = 1)			
Volatility	100% (v/v).			
Odor Threshold	Not available.			
Evaporation Rate	600 X slower compared to Ethylether			
VOC	100 (%)			
Viscosity	Not available.			
LogK,	Not available.			
Ionicity (in Water)	Not available.			
Dispersion Properties	Not available.			
Solubility in Water	Negligible.			
Physical Chemical Comment	s No additional remark.			

Section 10. Stability and Reactivity	
Stability and Reactivity	The product is stable.
Conditions of Instability	No additional remark.
Incompatibility with Various Substances	Extremely reactive or incompatible with strong oxidizing agents.
Hazardous Decomposition Products	carbon monoxide & carbon dioxide
Hazardous Polymerization	No.

Section 11. Toxicolo	gical Information
Toxicity to Animals	Acute oral toxicity (LD50): 7500 mg/kg [Rat]. Acute oral toxicity (LD50): 9 ml/kg [Rat]. Acute dermal toxicity (LD50): >3160 mg/kg [Rabbit].
Chronic Effects on Humans	CARCINOGENIC EFFECTS: 3 (Not classifiable for human.) by IARC. Lifetime skin painting studies conducted by the American Petroleum Institute and others have shown that similar products boiling between 175-370 C (350-700 F) usually produce skin tumors and/or cancer in mice. The degree of carcinogenic response was weak to moderate with a relatively long latent period. The implications of these results for humans have not been determined. The substance is toxic to the nervous system, gastro-intestinal tract, upper respiratory tract, skin, eyes.
Other Toxic Effects on Humans	Very hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant), of eye contact (irritant).
Special Remarks on Toxicity to Animals	Prolonged or repeated inhalation of hichly concentrated petroleum distallates caused liver tumors in mice and kidney damaage and tumors in male rats. Skin paint with distillates (boiling range 100-700 F) applied repeatedly and never washed off can cause skin cancer. Chronic exposure to unfiltered diesel exhaust produced tumors in lungs and lymphomas in mice and rats.
Special Remarks on Chronic Effects on Humans	NIOSH recommends that whole diesel exhaust be regarded as a potential carcinogen.
Special Remarks on Other Toxic Effects on Humans	No additional remark.

Ecotoxicity	Aquatic toxicity: 2990 ppm/24 hr (kerosene). Does not bioconcentrate in the food chain (kerosene).	
BOD5 and COD	53%, 5 days (kerosene)	
Biodegradable/OECD	Not available.	
Mobility	Not available.	
	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.	
Toxicity of the Products of Biodegradation	Not available.	
Special Remarks on the Products of Biodegradation	No additional remark.	

Section 13. Dispo	sal Considerations	
Waste Information	Recover free liquid. Transfer to an approved disposal area in accordance with federal, state, and local regulations.	
Waste Stream	Not available.	
Consult your local or reg	onal authorities.	

Section 14. Transport Information

DOT Classification

DOT CLASS 3: Flammable liquid.



Flammable liquids n.o.s.

NA1993

Not available.

Marine Pollutant

Not available.

Hazardous Substances Reportable Not available.

Special Provisions for

No additional remark.

Transport

TDG CLASS 3: Flammable liquid.

TDG Classification

ADR/RID Classification

ADR CLASS 3: Flammable liquid A.

IMO/IMDG Classification

IMDG CLASS 3.1: Flammable liquid (Low flash point).

ICAO/IATA Classification

IATA CLASS 3: Flammable liquid.

Section 15. Regulatory Information

HCS Classification

HCS CLASS: Combustible liquid having a flash point between 37.8°C (100°F) and 93.3°C (200°F).

U.S. Federal Regulations

TSCA inventory: Diesel Oil #2

SARA 313 toxic chemical notification and release reporting. No products were found.

Clean water act (CWA) 307: No products were found. Clean water act (CWA) 311: No products were found.

Clean air act (CAA) 112 accidental release prevention: No products were found. Clean air act (CAA) 112 regulated flammable substances: No products were found. Clean air act (CAA) 112 regulated toxic substances: No products were found.

International Regulations

WHMIS (Canada)

WHMIS CLASS B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F).

CEPA DSL: Diesel Oil #2

EINECS

Not available

DSCL (EEC)

R36/38- Irritating to eyes and skin.

International Lists

No products were found.

State Regulations

Pennsylvania RTK: Diesel Oil #2

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: No products were found.

Section 16. Other Information

Label requirements

COMBUSTIBLE LIQUID AND VAPOR.

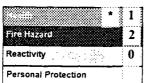
Vapor may cause fire.

MAY CAUSE NERVOUS SYSTEM, GASTROINTESTINAL TRACT, RESPIRATORY TRACT, SKIN, EYES

DAMAGE.

Hazardous Material Information System

(U.S.A.)



National Fire Protection

Association (U.S.A.)



References

LOLI AND TOMES (Voi 37: RTECS, CHRIS, & NEW JERSEY HAZARDOUS SUBSTANCE FACT SHEETS)

Other Special

No additional remark.

Considerations

Validated by Larry Myers on 3/25/99. Verified by Paul Bradley.

Printed 9/13/99.

Chemtrec: (800) 424-9300 FINA: (800) 322-FINA

Notice to Reader

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

District I - (303) 393-6161 P. O. Box 1980 Hobbs, NM 882-11-1980 District II- (303) 748-1283 811 S. First Artesia, NM 88210 District III - (303) 334-6178 Trick Brazos Road

District IV - (505) 827-7131

__C NM 87410

Energy

New Mexico
Inerals and Natural Resources epartment
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

(505) 827-7131

Form C-13

Submit Origin Plus I Co to appropria District Offi

REQUEST FOR APPROVAL TO ACCE	PI SOLID WASTE 00028
1. RCRA Exempt: Non-Exempt: 2	4. Generator Key Everge Sean
Verbal Approval Received: Yes No No	5. Originating Site Lacgo Road
2. Management Facility Destination Tiecra Land Farm	6. Transporter Keu Everge
3. Address of Facility Operator 420 CR 3/00 Actes	8. State New McCico
7. Location of Material (Street Address or ULSTR) Large Road	Sec 187 T29N A.9W
9. Circle One:	17
All requests for approval to accept oilfield exempt wastes will be a Generator; one certificate per job. All requests for approval to accept non-exempt wastes must be accept non-exempt wastes must be accept non-exempt wastes must be accept non-exempt wastes must be accept non-exempt wastes must be accept non-exempt wastes must be accept non-exempt wastes must be accept non-exempt wastes must be accept non-exempt wastes must be accept non-exempt wastes must be accept non-exempt wastes will be accept non-exempt wastes will be accept non-exempt wastes will be accept non-exempt wastes will be accept non-exempt wastes will be accept non-exempt wastes will be accept non-exempt wastes must be accept non-exempt wastes must be accept non-exempt wastes must be accept non-exempt wastes must be accept non-exempt wastes must be accept non-exempt wastes must be accept non-exempt wastes must be accept non-exempt wastes must be accept non-exempt wastes must be accept non-exempt wastes must be accept non-exempt wastes must be accept non-exempt wastes must be accept non-exempt wastes must be accept non-exempt wastes must be accept non-exempt wastes must be accept non-exempt wastes must be accept non-exempt wastes must be accept non-exempt wastes accept non-exempt wastes will be accept non-exempt wastes will be accept non-exempt wastes will be accept non-exempt wastes will be accept non-exempt wastes will be accept non-exempt wastes will be accept non-exempt wastes will be accept non-exempt wastes will be accept non-exempt wastes will be accept non-exempt wastes will be accept non-exempt wastes will be accept non-exempt wastes will be accept non-exempt wastes will be accept non-exempt wastes will be accept non-exempt wastes will be accept non-exempt wastes will be accept non-exempt wastes will be accept non-exempt wastes will be accept non-exempt wastes will be accept non-exempt will be accept non-exempt will be accept non-exempt will be accept non-exempt will be accept non-exempt will be accept non-exempt will be accept non-exe	ccompanied by necessary chemical analysis
All transporters must certify the wastes delivered are only those consign	ned for transport.
BRIEF DESCRIPTION OF MATERIAL:	
Contaminated Soil From Diesel Fuel Sp	MAR 2000 RECONON ON DISTRICT
MAR 2000 RECEIVED OIL CON. DIV DIST. 3 cy Known Volume (to be entered by the	
IGNATURE: Lord Comment Facility Authorized Agent TITLE: Larin Fa	cm Manager DATE 3-17-00
YPE OR PRINT NAME I David Bonaultz TI	ELEPHONE NO. 334-8894
(This space for State Use)	
APPROVED BY: L'Emy S. Hour TITLE: Gep!	OC, 13/ SATE: 3/20/00

O. Box 1980 obbs, NM 88241-1980 istrict II - (505), 748-1283 1 S. Firet tesia, NM 88210 'trict III - (505) 334-6178 7 Rio Brazos Road

strict IV - (505) 827-7131

-PPPOVED BY:

..c. NM 87410

Energy (V)

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

rtment

Submit Origina:

rorm C-138

Originated 3/8/95

Plus i Copy to appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE 60022
1. RCRA Exempt: Non-Exempt:	4. Generator Key Evergy Searce 5. Originating Site / D /
Verbal Approval Received: Yes No No	5. Originating Site Largo Road
2. Management Facility Destination Tierra land Farm	6. Transporter Keu Everge
3. Address of Facility Operator 420 CR 3100 Aztec	8. State New Mexico
7. Location of Material (Street Address or ULSTR) Large Road	Sec. 17,29N R.9W
9. <u>Circle One</u> :	
A. All requests for approval to accept oilfield exempt wastes will be accommodated Generator; one certificate per job. All requests for approval to accept non-exempt wastes must be accompact to accept non-exempt wastes must be accompact to accept non-exempt wastes must be accompact. All transporters must certify the wastes delivered are only those consigned.	ompanied by necessary chemical analysis to n of origin. No waste classified hazardous by
BRIEF DESCRIPTION OF MATERIAL:	7
Contaminated Soil From Diesel Fuel Spil	MAR 2000 MAR 2000 MAR 2000 PECEIVED OIL ON. DIV OIL ON. 3
Estimated Volume cy Known Volume (to be entered by the ope	erator at the end of the haul)
SIGNATURE: Down Board TITLE: Low Face Waste Management Facility Authorzed Agent TYPE OR PRINT NAME: David Boinawitz TEL	n Marager DATE: 3-17-08 EPHONE NO. 334-8894
(This space for State Use)	
APPACVED BY: Weny Li Fourt TITLE: Geolog	5/5/ DATE: 3/20/00

TITLE:

CERTIFICATE OF WASTE STATUS

	2. Destination Name:
Key Energy Services, Inc.	Tierra Environmental Company, Inc.
Four Corners Division	Crouch Mesa Landfarm
5651 US Highway 64	420 C.R. 3100
Farmington NM, 84701	Aztec, NM 87401
3. Originating Site: (name):	Location of the Waste (Street Address &/or ULSTR
Key Energy Services, Inc.	
Unit 2519 Transport	T29N R9W SEC
Largo Road, San Juan, NM	12014 100V SEC AMP ()
(Attach list of origination sites as appropriate)	
4. Source and Description of Waste	
On March 14, 2000 while transporting equipment open spilling diesel fuel. Driver noted the spill, st Dirt was transported to Key's yard that evening in	opped and shoveled up the contaminated dirt.
I, Bob James , representative for Key Energy Servic according to the Resource Conservation and Recoven Agency's July 1988, regulatory determination, the abor (Check appropriate classification)	Act (RECA) and Environmental Protection
,	
EXEMPT oilfield wasteX	NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification.
	by characteristic analysis or by product identification.
EXEMPT oilfield waste X and that nothing has been added to the exempt or non	by characteristic analysis or by product identification. exempt non-hazardous waste defined above.
EXEMPT oilfield wasteX and that nothing has been added to the exempt or non For NON-EXEMPT waste only the following document	by characteristic analysis or by product identification. exempt non-hazardous waste defined above. ation is attached (check appropriate items):
EXEMPT oilfield waste A and that nothing has been added to the exempt or non For NON-EXEMPT waste only the following document MSDS Information	by characteristic analysis or by product identification. exempt non-hazardous waste defined above.
and that nothing has been added to the exempt or non- For NON-EXEMPT waste only the following document X MSDS Information RCRA Hazardous Waste Analysis	by characteristic analysis or by product identification. exempt non-hazardous waste defined above. ation is attached (check appropriate items):
and that nothing has been added to the exempt or non- For NON-EXEMPT waste only the following document X MSDS Information RCRA Hazardous Waste Analysis Chain of Custody	by characteristic analysis or by product identification. exempt non-hazardous waste defined above. ation is attached (check appropriate items): Other (description):
and that nothing has been added to the exempt or non- For NON-EXEMPT waste only the following document X MSDS Information RCRA Hazardous Waste Analysis	by characteristic analysis or by product identification. exempt non-hazardous waste defined above. ation is attached (check appropriate items):
and that nothing has been added to the exempt or non- For NON-EXEMPT waste only the following document X MSDS Information RCRA Hazardous Waste Analysis Chain of Custody	by characteristic analysis or by product identification. exempt non-hazardous waste defined above. ation is attached (check appropriate items): Other (description):



Material Safety Data Sheet

	nical Product and Company Identification	and the second s	Magazza a a a a a a a a a a a a a a a a a
Trade name	Diesel #2 Oil	Code	.000456
Supplier	Fina Oil and Chemical Co	MSDS#	P33
	P.O. Stox 2159 Dailes, TX 75221	Validation Date	3/25/99
З упопут а	Fuel Oil # 2, Furnace Oil #2	Print Date	9/13/99
MSDS Name	Diesel Oil #2	Responsible for Preparation	Larry Myers
Chemical Family	Hydrocarbon Mixture		
CAS Registry Number	66476-34-8		emtrec: (800) 424-9300 (A: (800) 322-FINA
Threshold <u>Limit</u> Value	TWA: 100 (ring/m²) from NIQSH	Technical Po	rt Arthur: (409) 962-4421
Manufacturer	Fina Oil and Chemical Co P.O. Box 849 Port Arthur, TX 77641-0849	Infermation	1. Munus, (409) 902-4421

Section 2. Composition and inform	ation on ingr	edients	Andrew Commission of the Commi
Name	CAS#	% by Weight	Exposure Limits
1) Diesei Cii #2	68476-34-6	100	TWA: 100 (mg/m²) from NIOSH

Physical State and Appearance	Liquid.
Emergency Overview	COMBUSTIBLE LIQUID AND VAPOR. Vapor may cause fire. MAY CAUSE NERVOUS SYSTEM, GASTROINTESTINAL TRACT, RESPIRATORY TRACT, SKIN, EYES DAMAGE. MAY CAUSE EYE IRRITATION. Causes severe skin irritation.
Routes of Entry	Dermal contact. Eye contact. Inhalation. Ingestion,
Potential Acuse Health Effects	
Eyes	Hazardous in case of eye contact (irritant).
Skin	Sensitization of the product: Not available. Very hazardous in case of skin contact (initiant). Non-corrosive for skin. Skin inflammation is characterized by fitching, scaling, reddening, or, occasionally, bilistering.
Ish alation	Intoxication, dizziness, drowsiness, héadache and nausea, weakness and fatigue. Burning sensation in chest, possible asphydation and unconsciousness.
	Local Imitation, burning sensation in mouth, esophagus, and stormach. Vomiting, betching, and diarrhes with blood-tinged feces. Drowsiness. The greatest hazard of ingestion is accidental PULMONARY ASPIRATION, which can cause extentially fatal CHEMICAL PNEUMONITIS and NONCAROIGENIC PULMONARY EDEMA.
Potentini Chronic Heasth Estects	Signs and symptoms of chronic exposure are similar to those of acute exposure. Skin: dermatitis. CARCINOGENIC EFFECTS: 3 (Not classifiable for human.) by IARC. Lifetime skin painting studies conducted by the American Petroleum institute and others have shown that similar products boiling between 175-370 C (350-700 F) usually produce akin tumors and/or cancer in mice. The degree of carcinogenic response was weak to moderate with a relatively long latent period. The implications of these results for humans have not been determined. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available.
Medical Conditions Aggravated by Overexposure	Repeated exposure to an highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.
Overexposure /Signs/Symptoms	Not available.
See Toxicological Information	(section 11)

Page: 2/5

Eye Contact	Check for and remove any contact lenses. Flush with plenty of water for at least 15 minutes, occasionally
	lifting the upper and lower eyelida. DO NOT use an eye ointment. Seek medical attention.
Skin Contact	After contact with sidn, wash immediately with plenty of water. Gently and thoroughly wash the contaminated sidn with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emolliont. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.
Initalistion	Allow the violaim to reat in a well ventilated area. Seek immediate medical attention.
Ingestion	DO NOT induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive Loosen tight clothing such as a collar, tie, belt or waiethand. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.
Notes to Physician	May administer activated charcost or gastric lavage. Emests may result in chemical pneumonitis (#2 Olesel) Consider chest x-ray after acute overexposure and perform kidney function tests if symptoms develop or overexposure is auspected (kerosene).

Section 5. Fire Fight	ing Measures	
Flummability of the Product	Combustible.	
Auto-ignition Temperature	>204°C (399.2°F)	
Flash Points	CLOSED CUP: 54.4°C (130°F). (Pensky-Martens.).	
Flainmable Limits	LOWER: 0.4% UPPER: 5%	
Products of Combustics	carbon oxides (CO, CQ2) suifur oxides (SO2, SO3)	
Fire Hazards in Presence of Various Substances	Flammable in presence of open flames and sparks, of neat.	
Explosion Hazards in Presence of Various Substances	Risks of explosion of the product in presence of static discharge: Expected. Risks of explosion of the product in presence of mechanical impact: Not expected. No specific information is available in our database regarding the product's risks of explosion in the presence of various materials.	
Fire Fighting Media and Instructions	SMALL FIRE: Use DRY chemical powder, CO ₁ , and halon. LARGE FIRE: Use water sprsy, fog or foam. DO NOT use water jet.	
Protective Clothing (Fire)	Wear MSHA/NIOSH approved self-contained breathing apparatus or equivalent and full protective gear (Bunker gear).	
Special Remarks on Five Hazards	Combustible. Avoid inhalation of vapors. May generate dense smoke while burning.	
Special Remarks on Explosion Hazards	May form explosive mutures with air. Container may explode in fire. Flashback along vapor trail may occur. May explode if Ignifed in an enclosed area.	

Section 6. Acciden	tal Release Measures
Smail Spill and Leak	Warn personnel to move away. Eliminate ignition sources and ventilate area. Absorb with an inert material and place in an appropriate waste disposal container.
Lurge Spill and Lesk	Combustible material. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Be pareful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7. He	ndling and Storage
Handling	Do not breatne gas, fumes, vapor or spray. Keep away from incompatibles such as oxidizing agents. Keep away from sources of ignition.
Storage	Keep container tightly closed. Keep in a cool, well-ventilated place. Keep away from sources of ignition, Keep away from incompatibles as oxidizers.

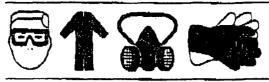
Section 8. Exposure Controls/Personal Protection			
Engineering Courtois			
Personal Protection	Personal Protection		
:	Eyer Safety glasses. Spiash goggles.		
	Budy Flame retardant clothing covering the entire body.		
Respring	Use a MSHA/NIOSH approved respirator or equivalent at high concentrations.		

Page: 3/5

Hands Chemical resistant gloves if contact is possible.

Feet Not applicable.

Protective Clothing (Pietograms)



Personal Protection in Case of a Large Spill

Splash goggles. Full aut. Vepor respirator. Boots. Gloves. A salf contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Product Name	Exposure Limits
1) Diesel Oil #2	TWA: 100 (mg/m²) from NIOSH

Consult lucal authorities for acceptable exposure limits.

Physical State and Appearance	Liquid.	Odor	Kerosine-like	
Molecular Weight	Not applicable.	Taste	Not available	
Molecular Formula	Not applicable.	Color	Straw color.	
při (1% Soln/Water)	Not applicable.			
Balling/Condensation Point	160 to 354.4°C (320 to 670°F)			
Melting/Freezing Point	Not available.			
Critical Temperature	Not available.			
Specific Gravity	0.87 (Water = 1)			
Vupor Pressure	1.6 mm of Hg (@ 20°C)			
Vapor Density	8 (Air = 1)			
Voistiffty	100% (v/v).			
Odor Threshold	Not avaitable.			
Evaporation Rate	600 X slower compared to Ethylether			
VOC	100 (%)			
Vlacosity	Not available		· · · · · · · · · · · · · · · · · · ·	
LogK.	Not available.	,		
lonicity (in Water)	Nat evallable.			
Dispersion Properties	Not available.			
Solubility to Water	Negligible.			

Section 10. Stability and Reactivity		
Stability and Resetivity	The product is stable.	
Conditions of Instability	No additional remark.	
Incompatibility with Various Substances	Extremely reactive or incompatible with strong oxidizing agents.	
Hazardous Decomposition Products	carbon monoxide & carbon dioxide	
Hazardous Polymerization	No.	

Page: 4/5

Toxicity to Animais	Acute oral toxicity (LD50): 7500 mg/kg (Rat). Acute oral toxicity (LD50): 9 ml/kg (Rat). Acute dermal toxicity (LD50): >3160 mg/kg [Rabbit].	
Chronic Effects on Humans	CARCINOGENIC EFFECTS: 3 (Not classifiable for human.) by IARC. Lifetime skin painting studies conducted by the American Petroleum Institute and others have shown that similar products botton between 175-370 C (350-700 F) usually produce skin tumors and/or cancer in mice. The degree of carcinogenic response was week to moderate with a relatively long latent period. The implications of these results for humans have not been determined. The substance is toxic to the nervous system, gastro-intostinal tract, upper respiratory tract, skin, eyes.	
Other Toxic Effects on Humans	Very hazardous in case of ingestion, of Inhalation. Slightly hazardous in case of skin contact (Irritant), of eye contact (Irritant).	
Special Remarks on Toxicity to Animals	Prolonged or repeated inhalation of highly concentrated petroleum distallates caused liver tumors in mice and kidney damage and tumors in male rats. Skin paint with distillates (boiling range 100-700 F) applied repeatedly and never washed off can cause skin cancer. Chronic exposure to unfiltered diesel exhaust produced tumors in lungs and lymphomas in mice and rats.	
Special Remarks on Chronic Effects on Humans	NIOSH recommends that whole diesel exhaust be regarded as a potential carcinogen.	
Special Remarks on Other Toxic Effects on Humans	No additional remark.	

Section 12 Ecological information			
Ecotoxicity	Aquatic loxicity: 2990 ppm/24 hr (korosene). Does not bloconcentrate in the food chain (kerosene).		
BODS and COD	53%. 5 days (kerosene)		
Biodegradable/OECD Not available.			
Mobility	Not available.		
	Possibly nazardous short term degradation products are not likely. However, long term degradation products may arise.		
Toxicity of the Products of Diodogradation	Not available.		
Special Remarks on the Products of Blodegradation	No additional remark		

Section 13. Disposal Considerations		
Wasts Information	Recover free liquid. Transfer to an approved disposal area in accordance with federal, state, and local regulations.	
Waste Stream	Not available.	
Consult your local or rep	gonal authorities.	

DOT Classification	DOT CLASS 3: Flammable liquid.	•
	Flammeple liquids n.o.s.	
	NA1993	
	Not svailable.	
Marine Pollutant	Not available.	
Huenrious Substances Reported Quantity	is Not available.	<u> </u>
Special Provisions for Transport	No additional remark.	
TDG Classification	TDG CLASS 3: Flammable liquid	
ADR/RID Classification	ADR CLASS 3: Flammable liquid A.	
IMO/IMDG Classification	IMDG CLASS 3.1: Flammable liquid (Low flash point).	
ICAO/IATA Classification	IATA CLASS 3: Flammable liquid.	

Page: 5/5

Section 15. Regulat	ory information	
HCS Classification HCS CLASS; Combustible liquid having a flash point between 37.8°C (100°F) and 93.3°C (200		
U.S. Federul Regulations	T8CA inventory: Diesel Oil #2	
	SARA 313 toxic chemical notification and release reporting: No products were found Clean water act (CWA) 307: No products were found.	
	Clean water act (CWA) 311: No products were found.	
	Clean air act (CAA) 112 accidental release prevengon: No products were found. Clean air act (CAA) 112 regulated flammable substances: No products were found. Clean air act (CAA) 112 regulated toxic substances: No products were found.	
International Regulations		
WHMIS (Canada)	WHMIS CLASS 8-3; Combustible liquid with a fixeh point between 37.8°C (100°F) and 93.3°C (200°F).	
	CEPA DSL: Diesei Oil #2	
EINECS	Not available.	
DSCL (EEC)	R36/38- Irritating to eyes and skin.	
luternational Lists	No products were found.	
State Regulations	Pennsylvania RTK: Diesel Oil #2	
	California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: No products were found.	

Section 16. Other Information Label requirements COMBUSTIBLE LIQUID AND VAPOR. Vapor may cause fire. MAY CAUSE NERVOUS SYSTEM, GASTROINTESTINAL TRACT, RESPIRATORY TRACT, SKIN. EYES DAMAGE. Hazardous Material National Fire Information System 2 Protection (U.S.A.) Association (U.S.A.) Specific Harard Pentanui Protection References LOLI AND TOMES (Vol 37: RTECS, CHRIS, & NEW JERSEY HAZARDOUS SUBSTANCE FACT SHEETS) Other Special No additional remark. Considerations Validated by Larry Myers on 3/25/99. Verified by Paul Brudley. Printed 9/13/99.

Chemtree: (800) 424-9300 FINA: (800) 322-FINA

Notice to Reader

To the best of our Revoledge, the information contained herein is accurate. However, nather the above names supplies nor any of as exhabitaries seweres any Echlity whatsomer for the accuracy or completeness of the information contained barels. Final accombination of metability of any sesterial is the sole responsibility of the user. All memorials may present withsome hat and should be used with another. Although cortain hat and hards are described herein, we cannot guarantee that these are the only hat that distinct that exist. - (505) 393-6161 O. Box 1980 Obbs, NM 88241-1980 - (505) 748-1283

75. FIRST 751a, Nid. 88210 761ct III - (505) 334-6178 7 Rio Brazos Road ...c, NM 87410 - (505) 827-7131 New Mexico

rals and Natural Resou

(505) 827-7131

Oil Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505

s L artment

TITLE: Delity Od 6 insteador TATE 3/2/00

Form C-138 Originated 8/8/95

> Submit Original Plus 1 Copy to appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE OOO 17
1. RCRA Exempt: Non-Exempt: Toust	4. Generator Budington Regues
Verbal Approval Received 229-00 Yes 🗵 No 🔲	5. Originating Site Mc Grath #4
2. Management Facility Destination Tierra land Farm	6. Transporter Rilected 3 Dawn
3. Address of Facility Operator #420 CR 3100 Aztec	8. State New Mexico
7. Location of Material (Street Address or ULSTR) Mc Grath #4	Sec. 34 T. 30N R/12W
9. <u>Circle One</u> :	
 All requests for approval to accept oilfield exempt wastes will be accepted. B. All requests for approval to accept non-exempt wastes must be accepted. PROVE the material is not-hazardous and the Generator's certification listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned. 	ompanied by necessary chemical analysis to in of origin. No waste classified hazardous by
	d for transport.
Solids From Clean Out separator	
Estimated Volume cy Known Volume (to be entered by the open	erator at the end of the haul)
SIGNATURE: David Bonawitz TITLE: Land Facility Authorized Agent TYPE OR PRINT NAME: David Bonawitz TEL	m Manage 1 DATE: 2-29-00 EPHONE NO. 334-8894
APPROVED BY: Deny Se pour TITLE: GES!	0915/ DATE: 3/2/00

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address: Burlington Resources 3535 East 30 th Street	2. Destination Nam Tierra	14:			
Farmington NM 87401					
3. Originating Site (name):	Location of the W ULSTR):	aste (Street s	ddress :	/or	
Mc Grath SWD #4	Mc Grath SWD #	‡4			
Unit: SW	Section: 34	Township:	30N	Range:	12W
4. Source and Description of Waste:		\$			
Removing solids out of separator					
					-
					ŀ
I, Terry Nelson		SEA MARKET STATE	repres	entative	fur:
Burlington Resources		·····	do ber	eby cert	ify that,
according to the Resource Conservation and Recovery Act (RCRA			Agency's	s July,	
1988, regulatory determination, the above described waste is: (C)	eck the appropriate staudfi	cstion)			
EXEMPT oilfield waste		hazardous by	charac	teristic	
and that nothing has been added to the exempt or non-exempt non-l	asardous waste defi	ned above.	er, mezit e sika se a taron	an the season be of the se	
For NON-EXEMPT waste only the following documentation is atta	ched (chech appropa	late items):			
RCRA Hazardous Waste Analysis	er (description):				
Chain of Custody					
inding are easily as a soft over place. The large section is a first of the section of the section of the section of	St. F. A. St. St. St. C. St. St. St. St. St. St. St. St. St. St	an ledica notesta paninti	বিশ্বিদ্যালয় । বিশ্বিদ্যালয়	over a dit bevoken	(4) 1 (4) (4) (4) (4) (4) (4) (4) (4) (4)
Name (Original Signature): 3 Hard for Terr	y Nelson				
Title: Specialist	•				
Date: Tuesday, February 29, 2000					

District I - (505) 393-6161 P. O. Box 1980 Hobbs, NM 88241-1980 District II - (505) 748-1283 111 S. First 2512, NM 88210 "-trict III - (505) 334-6178 Rio Brazos Road

District IV - (505) 827-7131

c, NM 87410. ي.ـــد

New Mexico Er, Jy N rals and Natural Resources L artment Oil Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505

(505) 827-7131

Form C-138 Originated 8/8/95

Submit Original Plus I Copy to appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE 00018				
1. RCRA Exempt: Non-Exempt:	4. Generator Buclington Resources				
Verbal Approval Received: Yes No No	5. Originating Site Jillson SWD#/				
2. Management Facility Destination Tierra Land Farm	6. Transporter				
3. Address of Facility Operator #420 CR 3100 Aztec	8. State New Mexico				
7. Location of Material (Street Address or ULSTR) Jillson Federal # 1	See, 8T. 24N R. 03W				
9. <u>Circle One</u> :					
All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved.					
All transporters must certify the wastes delivered are only those consigned for transport.					

BRIEF DESCRIPTION OF MATERIAL:

Tank Bottoms From Intection Facility



	MAR 2000 MAR 20
Estimated Volume cy Known Vo	folume (to be entered by the operator at the end of the haul) $120\ Bbb$ $_{\rm cv}$
SIGNATURE: Day Boy Boy Waste Management Facility Authorized Agen TYPE OR PRINT NAME: Day of Bonay	
APPROVED BY: Charles Terris	TITLE: Deluty Od. 6 Msleiched TATE 3/2/2000

CERTIFICATE OF WASTE STATUS

l. Generator Name and Address:	2. Destination Name:
Burlington Resources 3535 East 30 th Street Farmington NM 87401	Tierra
. Originating Site (name):	Location of the Waste (Street address /or ULSTR): Jillson Federal SWD #1
Jillson Federal SWD #1 Unit: NW	Section: 8 Township: 24N Range: 03W
. Source and Description of Waste: Produced water/tank bottoms from injection facility.	
Ed Hasely Burlington Resources	representative for: do hereby certify that,
according to the Resource Conservation and Recovery Act (RCRA 1988, regulatory determination, the above described waste is: (Ch	and Environmental Protection Agency's July,
✓ EXEMPT oilfield waste NON-EXEMPT oilfield analysis or by product in the second control of the second cont	waste which is non-hazardous by characteristic identification.
and that nothing has been added to the exempt or non-exempt non-h	azardous waste defined above.
For NON-EXEMPT waste only the following documentation is attact MSDS Information Other RCRA Hazardous Waste Analysis Chain of Custody	ched (chech appropriate items): er (description):
Name (Original Signature): 2 Hasely Title: Environmental Rep.	

ew exico Form C-138 Box 1980 's and Natural Resources De Originated 3/8/93 bs. NM 88241-1980 Energy wir - (505) 748-1283 il Conservation Division Submit Origina: 2040 South Pacheco Street sia, NM 88210 4 Plus i Čoov <u>rict III</u> - (505) 334-6178 Santa Fe. New Mexico 87505 to appropriate 7 Rio Brazos Road (505) 827-7131 District Office c. NM 87410 - (505) 827-7131 REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE 4. Generator Weather and INC 1. RCRA Exempt: Non-Exempt: X 5. Originating Site Weather Fo Verbal Approval Received: Yes X 2. Management Facility Destination 6. Transporter Foutz Conts. 3. Address of Facility Operator le 1 lexica 7. Location of Material (Street Address or ULSTR) 537 E Animas Farming ton New Mexico 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. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport. BRIEF DESCRIPTION OF MATERIAL: Contaminated Soil Known Volume (to be entered by the operator at the end of the haul) -TITLE: land Farm Manager TELEPHONE NO. 334-8899 (This space for State Use)

Istrict I - (505) 393-6161 O. Box 1980 obbs. NM 82241-1980 strict II - (505) 748-1283 1 S. First tesia, NM 88219 -trict III - (505) 334-6178

Rio Brazos Road

.Jc. NM 87410

New Mexico Energy Warrals and Natural Resources D Oil Conservation Division 2040 South Pacheco Street

Santa Fe, New Mexico 87505 (505) 827-7131

irtment RECEIVED

Submit Origina: Plus I Copy to appropriate District Office

Form C-138

Originated 3/8/95

MAR 0 6 2000

Environmental Bureau Oil Conservation Division

rrict IV - (505) 827-7131	Oil Conservation Division
REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE 00016
1. RCRA Exempt: Non-Exempt: X	4. Generator Weather Ford Inc
Verbal Approval Received: Yes ☑ No ☐	5. Originating Site Weather Ford Yard
2. Management Facility Destination Tierra land Farm	6. Transporter Foutz Conts,
3. Address of Facility Operator #420 CR 3100 Aztec	8. State New Mexico
7. Location of Material (Street Address or ULSTR) 537 E Animas	Farmington New Mexico
9. Circle One:	
A. All requests for approval to accept oilfield exempt wastes will be accepted. Generator; one certificate per job. All requests for approval to accept non-exempt wastes must be accepted. PROVE the material is not-hazardous and the Generator's certification listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned.	ompanied by necessary chemical analysis to no origin. No waste classified hazardous by
BRIEF DESCRIPTION OF MATERIAL:	o for transport.
Contaminated Soil MAR 2000 MAR 2000 MAR 2000 ONLOW DIV ONLOW	MAR 2000 MAR 2000 MECEIVED OILCON. DIV DIST. 3
Estimated Volume 250 cy Known Volume (to be entered by the op	erator at the end of the haul) 250 sy
SIGNATURE: David Bangatt TITLE: Land Factor Waste Management Facility Authorized Agent TYPE OR PRINT NAME: David Bonawitz TEL	m Manager DATE: 2-28-00 EPHONE NO. 334-8894
APPROVED BY: Morty J. King TITLE: En viront	



NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION AZTED OID TRIOT OFFICE (600 RIG ERALDS EGAR - ASTED, NEW MERICO, STORE (600) 104-6175 For [189]194-917

GARY E. JOHNSON GOVERNOR

iennifer a. Saliebury Cabinet Secretary

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address:	2. Destination Name:
Weatherford International Inc.	TIERRA Environmental Company Inc.
515 Post Oak Blvd. Suite 600	420 C.R. 3100
Houston, TX 77027	Aztec, NM 87401
3. Originating Site Inamel:	Loration of the Waste (Street address &/or ULSTA):
Westherford Global Compression Service	es Inc. 537 East Animes Farmington, New Mexico
Asygn fet of exiginating alter as appropriets	
4. Source and Description of Waste	:
during yard clean up operations at the	oubic yards of hydrocarbon impacted soil accumulated facility. Potential hydrocarbon contaminate are diesel to oil. The facility was used to store and service oilfield
NEATHERFORD GLOGAL COMPRESSI	representative for:
(Prigt Name)	Val SERVECES do hereby certify that
according to the Resource Conservation and Res 1988, regulatory determination, the above descrit	gybry Act (RCRA) and Environmental Protection Agency s July,
EXEMPT oilfield waste	is et nå blognet igeutigestjeu Stembli elliged meste mucu is vou-vessigens nå cusulcritusno
and that nothing has been added to the exempt o	r non-exempt non-hazardaus weste defined above.
For NON-EXEMPT waste the following docume MSDS information RCRA Hazardous Waste Analysis Chein of Custody	Other Idescription:
This waste is in compliance with Regulated Levels to 20 NMAC 3.1 subpart 1403.C and D.	of Naturally Occurring Radiosctive Meterial (NORM) pursuan
Name (Original Signature): Mali	Try
Title: GENTARY MANUGER	
Cate: 2-23-00	

YTICAL LABORATORIES

CHEMTECH-FORD

Date: 2/29/00

To: Wilson Environmental Management Inc.

Attn. CB Jacobson 827 W. 1340 S. Provo, UT 84601

Group #: 35770 Lab #: 00-U001520 Project: WEM HOU- 0B Sample Desc: WGA-Comp. Sample Matrix: SOIL Date Sampled: 2/18/00

Date Submitted: 2/21/00

Time Sampled: 16:40 Time Received: 11:45

CERTIFICATE OF ANALYSIS

MINIMUM REPORTING

(MRL) ANALYZED

LIMIT DAT

METHOD

ANALYST

INORGANIC PARAMETERS

PARAMETER

Temperature, Receiving, C

13.0

RESULT

2/21/00 11:45

CSM

NOTE: Sample received on ice.

Approved By:

Carry /

MRL - Report detection limit

Page 23

{generic.rpt}

6100 SOUTH STRATLER SALT LAKE CITY UTAH 84107 6905 831 282 7299 PHONE 801 282 7378 FAX



7-9710

Date: 2/29/00

To: Wilson Environmental Management Inc. Attn. CB Jacobson 827 W. 1340 S. Provo, UT 84601

Group #: 35770
Lab #: 00-U001520
Project: WEM HOU- 03
Sample Desc: WGA-Cpmp.
Sample Matrix: SOIL
Date Sampled: 2/18/00
Date Submitted: 2/21/00

Time Sampled: 16:40 Time Received: 11:45

CERTIFICATE OF ANALYSIS

MUMIKIN REPORTING

		LIMIT	DATE	•		
Parameter	result	(MORL)	analyzed		method	YMTABl
INORGANIC PARAMETERS						
Cyanide, Reactivity, mg/Kg	< 0.4	0.4	2/23/00	12:00	SW 846 8.3	PNM
Flashpoint, Deg. F	> 200	70	2/25/00	10:07	SW846 1010	AER
pH, Solids/Sludges Paste, units	7.54	0.05	2/25/00	8:00	SW 845 904	5 TSM
Sulfide, Reactivity, mg/Kg	< 5	5	2/23/00	13:00	SW 846 8.3	PNM
TCLP Ext. Solution pH, units	4.93	0.05	2/23/00			MJB
pH. solution selection, units	8.00	0.05	2/23/00		SW 846 904	S MJB
pH, after extraction TCLP, units	6.00	0.05	2/23/00		SW 846 904	S MJB
Arsenic (TCLP), as As, mg/L	< 0.2	0.2	2/25/00	9:31	SW-846 601	O JJT
Barium (TCLP), as Ba, mg/L	0.5	0.1	2/25/00	9:31	SW-846 601	o sin
Cadmium (TCLP), as Cd, mg/L	< 0.01	0.01	2/25/00	9:31	SW-846 601	O JJT
Chromium (TCLF), as Cr. mg/L	< 0.02	0.02	2/25/00	9:31	SW-846 601	೦ ತರ್ಮ
Lead (TCLP), as Pb, mg/L	< 0.1	3.1	2/25/00	9:31	SW-845 601	0 JJT
Mercury (TCLP), as Hg, mg/L	c 0.05	0.05	2/29/00		SW 845 747	OA MJB
Selenium (TCLP), as Se. mg/L	< 0.1	9.1	2/25/00	. 9:31	SW-846 601) JJT
Silver (TCLP), as Ag, mg/L	< 0.01	0.01	2/25/00	9:31	SW-846 601	JJT

Approved By:

MRL = Report detection limit

Paga 22

(generic.rpt)

6100 SOUTH STRATLER 5ALT LAKE CITY UTAH 84107 6905 501 282 1259 PHONE 501 262 7278 FAX





Date: 2/29/00

To: Wilson Environmental Management Inc Attn. CB Jacobson

827 W. 1340 S. Provo. UT 84601

Group #: 35770

Lab #: 00-U001520 Project: WEM HOU- 03 Sample Desc: WGA-Comp.

Sample Matrix: SOIL Date Sampled: 2/18/90 Date Submitted: 2/21/00

Time Sampled: 16:40 Time Received: 11:45

CERTIFICATE OF ANALYSIS

RECEIVING TEMPERATURE:

13.0 C

MINIMUM REPORTING

	LIMIT	
RESULT	(MRL)	Method
	•	
Time: 12:	5 5	
< 0.02	0.02	SW946-8260A
< 0.05	0.05	SW846-8260A
< 0.02	0.02	SW846-8260A
< 0.05	0.05	SW846-8260A
< 0.1	0.1	SW846-8260A
< 0.05	0.05	SW846-8260A
< 0.05	0.05	SW846-8260A
< 0.1	0.1	SW846-8260A
c 0.6	0 5	SW846 - 3260A
₹ 5	5	SW846-8250A
< 0.05	0.05	SW846-8260A
< 0.05	0.05	SW846-8260A
	Time: 12: < 0.02 < 0.05 < 0.05 < 0.1 < 0.05 < 0.1 < 0.6 < 5 < 0.6	Time: 12:55 < 0.02

< 0.05

Approved By:

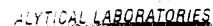
0.05

MRL * Report detection limit

Vinyl Chloride (TCLP), mg/L

(generic.tpt)

> 5120 SOUTH STRATLER SALT LAKE GITY UTAH 84107 6905 801 282 7295 PHONE 301 262 7378 FAX





Date: 2/29/00

To: Wilson Environmental Management Inc. Attn. CB Jacobson 827 W. 1340 S. Provo, UT 8460

Group #: 35770 Lab #: 00-U001520 Project: WEM HOU- 03 Sample Desc: WGA-Comp. Sample Matrix: SOIL
Date Sampled: 2/18/00
Date Submitted: 2/2/00

Time Sampled: 16:40 Time Received: 11:45

CERTIFICATE OF ANALYSIS

RECEIVING TEMPERATURE:

13.0 C

MINIMUM REPORTING

LIMIT

PARAMETER

Semi-Volatiles

RESULT

(MRL) METHOD

Analyst: AC	Date Analyzed:	2/24/00	Time: 10:0	7		
Extracted by: AC	Date Extracted:	2/24/00	Extraction	Method:	3510	
1,4-Dichlorobenzene	(TCLP), mg/L	¢	0.005	0.005	_	16 8270B
2.4-Dinitrotoluene		<	0.005	0.005		46 3270B
Hexachlorobenzene (,	<	0.005	0.005	SM 8	46 9270B
Hexachlorobutadiene	(TCLP; , mg/L	<	0.005	0.005		46 8270B
Hexachloroethane (T		<	0.005	0.005	SW 8	46 9270B
2-Methylphenol (TCL		ť	0.005	0.005	SW 8	4€ 8Z70B
3- & 4-Methylphenol		<	0.005	0.005	5W 8	46 3270B
Nitrobenzene (TCLP)	4	¢	0.005	0.005	-	6 8270B
Pentachlorophenol (TCLP), mg t		J. 205	0.005		46 8270B
2,4,5-Trichlorophen		4	0.005	0.505	SW 8	46 8270B
2,4,6-Trichlorophen		:	7.005	0.005	SW 8	46 8270B

MRL - Report detection limit

25

(generic.zpt)

6100 SOUTH STRATLER SALT LAKE CITY UTAH 84107 6905 801 262 7299 PHONE 801 262 7378 FAX



Date: 2/25/00

To: Wilson Environmental Management Inc

Attn. CB Jacobion 827 W. 1340 S. Provo, UT 84601

Group #: 35770 Lab #: 00-U001520 Project: WEM HOU- 93 Sample Desc: WGA-Comp.

Date Sampled: 2/18/00 Date Submitted: 2/21/00

Time Sampled: 16:40 Time Received: 11:45

TCLP Evaluation

		e, eraidativ	F11	
EPA		Regulatory	Sample	
Hazardous	Parameter :	Limit	Result	
Waste No.	<u>:</u>	mg/L (ppm)	mg/L (ppm)	
	Flash Point	140	> 200	Pass
D004	Aksenic	5.0	< 0.2	Pass
D005	Barium	100.0	0.5	Pass
D006	Cadmium	1.0	< 0.01	Pase
D007	Chromium ,	5.0	< 0.02	Pass
D00B	Laad	5.0	< 0.1	Pass
D009	Márcury	0.2	Not Entered	Pass
D010	Selenium	1.0	< 0.1	Pass
D011	S lver	5.0	< 0.01	Pase
D018	Benzene	0 - 5	< 0.02	Pass
D019	Corbon Tetrachlori	de 0.5	< 0.05	Fass
D021	Chlorobenzene	100.0	< 0.02	Pass
D022	Chloroform	6.0	< 0.05	Pass
D023	o Chresol	200.0	< 0.005	Pass
D024&D025	map-Cresol	200.0	< 0.005	Pass
D027	124-Dichlorobenzer	ie 7.5	< 0.1	Pass
D028	1,2-Dichloroethane		< 9.05	Pass
D029	1 1 - Dichloroethyle	ne 0.7	< 0.05	2225
D030	2 4-Dinitrotoluene	0.13*	< 0.005	Pass
D032	Hexachlorobenzene	0.13*	< 0.005	Pass
D033	Hexachlorobutadier	e 0.5	< 0.1	Pass
D034	Hexachloroethane	3.0	< 0.005	Pass
D035	Methyl Ethyl Ketor	e 200.0	< 0.6	Pass
D035	Nitrobenzene	2.0	< 0.005	Pass
D037	Pentachlorophenol	100.0	< 0.005	Pase
D038	Pyridine	5.0*	< 5	Pass
D039	Tetrachloroethylen	LB 0.7	₹ 0.05	Pass
D040	Trichlorosthylene	0.5	< 0.05	Pass
D041	2,4,5-Trichlorophe		< 0.005	Pass
D042	2,4,6-Trichlorophe		< 0.005	Pass
D043	Vinyl Chloride	0.2	₹ 0.05	Pass

6100 SOUTH STRATLER SALT LAKE CITY UTAH 84107 8906 801 202 7298 PHONE 8U1 282 7378 FAX CHEMTECH-FORD

ANALYTICAL LABORATORIES

Date: 2/25/00

To: Wilson Environmental Management Inc Attn. CB Jacobson 827 W. 1340 S. Provo, UT 84601

Group #: 35770 Lab #: 00-U001520 Project: WEM HOU- 03 Sample Desc: WGA-Comp.

Date Sampled: 2/18/00 Date Submitted: 2/21/00

Time Sampled: 16:40 Time Received: 11:45

TCLP Evaluation

"If quantitation limit for Fyriding is greater than regulatory about, the quantitation limit becomes the regulatory limit.

*If quantitation limit for 2.4-Dinitrotoluene: is greater than regulatory limit. One quantitation limit becomes the regulatory limit.

"If quantitation limit for Mexachlorobenzene is greater than regulatory limit, the quantitation limit becomes the regulatory limit.

- (505) 393-6161 O. Box 1980 obos, NM 88241-1980 - (505) 748-1283

11 S. First a, NM 88210 trict III - (505) 334-6178 7 Rio Brazos Road .c. NM 87410 - (505) 827-7131

New Mexico Energy N_...erals and Natural Resources L__artment Oil Conservation Division

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

Form C-138 Originated 3/8/95

> Submit Original Plus I Copy to appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE 60015
1. ACRA Exempt: Non-Exempt: Tows:	4. Generator Conoco Tre NGEGP
Verbal Approval Received:タイターのYes 🏋 No 🔲	5. Originating Site Gas Plant
2. Management Facility Destination Tierra land Farm	6. Transporter Riles Ind.
3. Address of Facility Operator # 420 CR 3100 Aztec	8. State New Mexico
7. Location of Material (Street Address or ULSTR) San Juan Gos Plant	#61 CRY900 Bloom Field NM.
9. <u>Circle One</u> :	
All requests for approval to accept oilfield exempt wastes will be accommodately acceptance. B. All requests for approval to accept non-exempt wastes must be accompanied to the material is not-hazardous and the Generator's certification listing or testing will be approved.	ompanied by necessary chemical analysis to
All transporters must certify the wastes delivered are only those consigned	d for transport.
BRIEF DESCRIPTION OF MATERIAL:	
Sulfa Check Systen - Has Treating, Champ	vien Gas Treat-102
Estimated Volume 400 866 cy Known Volume (to be entered by the open	erator at the end of the haul) 400 Bbb cy
SIGNATURE: Waste Management Facility Authorized Agent TITLE: Land Farm	n Manager DATE: 2-16-99
TYPE OR PRINT NAME: David Bonassite TEL	EPHONE NO. 334-8874
(This space for State Use)	
APPROVED BY: Derry J. tout TITLE: GOO,	10915/ DATE: 2/28/200
	Inslected === 2/28/2000

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address:	2. Destination Name:
Conoco IncNG&GP	Tierra Environmental Co., Inc.
San Juan Gas Plant	Tierra Land Farm Faclity
61 CR 4900	420 CR 3100
Bloomfield, NM 87413	Aztec, San Juan County NM 87410
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
Cama Aa Ahaysa (Camamahan)	
Same As Above (Generator)	
·	
Attach list of originating sites as appropriate	
4. Source and Description of Waste	
com.co a compact. co vicaçõe	
Sulfa Check System - H2S treating/scru	bbing liquid
Champion - Gas Treat 102	
Ondmpron odo frede 102	·
For the month of Fe brugs	r y
101 400 11011 40 07	<u> </u>
	• •
Richard R. Theander	representative for:
(Print Name)	
Conoco, Inc. NG&GP, San Juan Gas Plant	
	Act (RCRA) and Environmental Protection Agency's July,
1988, regulatory determination, the above described w	/8STO IS: (Check appropriate classification)
TVTIDT -17-11	mare the file of the control of the
	PT oilfield waste which is non-hazardous by characteristic
analysis of t	by product identification
and that nothing has been added to the average or son	everet non hazardous waste defined shove
and that nothing has been added to the exempt or non-	-exempt non-nazardous waste defined above.
A NON EVENDT	
or NON-EXEMPT waste only the following docume	
X MSDS Information	Other (description):
RCRA Hazardous Waste Analysis	. •
Chain of Custody	,
$\Omega \sim 20$	10 0
Jame (Original Signature): Fuchant	Theander Willveceive
iding (Original Olynatule).	
itle: Process Foreman	delivery on
	
ate: 2 - 14 - 00	Feb. 16, 2000.
gto	/

<u>District I</u> - (505) 393-6161 ² O. Box 1980 Tobbs, NM 88241-1980 Marier II - (5057/48-1283 311 S. First Vrtesia, NM 88210 trict III - (505) 334-6178 Rio Brazos Road c, NM 87410. District IV - (505) 827-7131

Energy

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

partment

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FFR 16 2000

Environmental Bureau Oil Consentation District

Form C-138 Originated 3/8/95

> Submit Origina: Plus I Copy to appropriate District Office

HEQUEST	FOR APPROVAL TO ACCEPT SOLID WASTE

HEQUEST FOR APPROVAL TO ACCEPT	SOLID WAS TE
1. RCRA Exempt: Non-Exempt:	4. Generator Navajo Nation
Verbal Approval Received: Yes No No	5. Originating Site Route 36
2. Management Facility Destination Tierra land Farm	6. Transporter Navajo Nation
3. Address of Facility Operator #420 CR 3100 Aztec	8. State New Mexico
7. Location of Material (Street Address or ULSTR)	1/2 Mile North on Navajo Route 36
9. <u>Circle One</u> :	
A. All requests for approval to accept oilfield exempt wastes will be acc Generator; one certificate per job. All requests for approval to accept non-exempt wastes must be accept PROVE the material is not-hazardous and the Generator's certification listing or testing will be approved.	ompanied by necessary chemical analysis to
All transporters must certify the wastes delivered are only those consigne	d for transport.
BRIEF DESCRIPTION OF MATERIAL:	•
Estimated Volume cy Known Volume (to be entered by the op	FEB 2000 RECEIVED CILCON. DIV DIST. 3 Manager DATE: 2-10-00 EPHONE NO. 334-8894
APPROVED BY: Derry D. Found TITLE: Greater APPROVED BY: Mantinu O Mily. TITLE: Environment	

O. Box 1980 obbs, NM 88241-1980 strict II - (505) 748-1283 1 S. First tesia, NM 88210 vict III - (505) 334-6178 Rio Brazos Road

.c. NM 87410

Energy A

ew exico rals and Natural Resources I Oil Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

artment

Submit Origina:

rorm C-138

Originated 3/8/91

Plus I Copy to appropriate District Office

urict IV - (505) 827-7131	
REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE
1. RCRA Exempt: Non-Exempt:	4. Generator Navajo Nation
Verbal Approval Received: Yes No No	5. Originating Site Route 36
2. Management Facility Destination Trerra land Farm	6. Transporter Navajo Nation
3. Address of Facility Operator 420 CR 3100 Aztec	8. State New Mexico
7. Location of Material (Street Address or ULSTR)	1/2 Mile North on Navajo Route 3
9. <u>Circle One</u> :	
Generator; one certificate per job. All requests for approval to accept non-exempt wastes must be accepted. PROVE the material is not-hazardous and the Generator's certification or testing will be approved.	
All transporters must certify the wastes delivered are only those consigned	ed for transport.
BRIEF, DESCRIPTION OF MATERIAL:	
Contaminated Soil From Diesel Fuel spill	FEB 2000 FEB 2000 On On On On On On On On On On On On On O
waste wanagement nachtyworkonzed Agent	con Manager DATE: 2-10-00 LEPHONE NO. 334-8594
(This space for State Use)	mx 15 3/14/00

TITLE:

CERTIFICATE OF WASTE STATUS

Generator Name and Address: The Neurola Making	2. Destination Name:
The Navajo Nation Department of Water Resources	Tions Environmental Co. Ice
Operation/Maintenance	Tierra Environmental Co. Inc. 420 Rd. 3100
P.O. Box 57	Aztec, New Mexico 87410
Shiprock, NM 87420	
Attn.: David White	
Orlginating Site (name):	Location of the Waste (Street address &/or ULSTR):
Diesel Spill 1/2 mile North of Navajo Route 36	Diesel Spill 1/2 mile North of Navajo Route 36
Navajo Nation, San Juan County, New Mexico	Navajo Nation, San Juan County, New Mexico
Source and Description of Waste	
Diesel Contaminated Soil	
Department of Emergency Management)	Navaio Nation, Department of Water Resources (as designated by the
Department of Emergency Management)	Naveio Nation, Department of Water Resources (as designated by the do hereby certify that, according to the Resource Conservation and bion Agency's July, 1998, regulatory determination, the above-described
Department of Emergency Management) Recovery Act (RCRA) and Environmental Protections: (Check appropriate classification) EXEMPT oilfield waste X NC	do hereby certify that, according to the Resource Conservation and ction Agency's July, 1998, regulatory determination, the above-described PN-EXEMPT non-hazardous waste by characteristic analysis or by product
Department of Emergency Management) Recovery Act (RCRA) and Environmental Protections waste is: (Check appropriate classification)	do hereby certify that, according to the Resource Conservation and ction Agency's July, 1998, regulatory determination, the above-described PN-EXEMPT non-hazardous waste by characteristic analysis or by product
Department of Emergency Management) Recovery Act (RCRA) and Environmental Protections waste is: (Check appropriate classification) EXEMPT oilfield waste X NC identific	do hereby certify that, according to the Resource Conservation and ction Agency's July, 1998, regulatory determination, the above-described PN-EXEMPT non-hazardous waste by characteristic analysis or by product
Department of Emergency Management) Recovery Act (RCRA) and Environmental Protections waste is: (Check appropriate classification) EXEMPT oilfield waste X NO identified and that nothing has been added to the exempt	do hereby certify that, according to the Resource Conservation and chion Agency's July, 1998, regulatory determination, the above-described PN-EXEMPT non-hazardous waste by characteristic analysis or by product attorn
Department of Emergency Management) Recovery Act (RCRA) and Environmental Protections waste is: (Check appropriate classification) EXEMPT oilfield waste X NO identified and that nothing has been added to the exempt	do hereby certify that, according to the Resource Conservation and ction Agency's July, 1998, regulatory determination, the above-described PN-EXEMPT non-hazardous waste by characteristic analysis or by product atton
Department of Emergency Management) Recovery Act (RCRA) and Environmental Protections waste is: (Check appropriate classification) EXEMPT oilfield waste X NO identified and that nothing has been added to the exempt	do hereby certify that, according to the Resource Conservation and chion Agency's July, 1998, regulatory determination, the above-described PN-EXEMPT non-hazardous waste by characteristic analysis or by product attorn
Department of Emergency Management) Recovery Act (RCRA) and Environmental Protections waste is: (Check appropriate classification) EXEMPT oilfield waste X NC identifies and that nothing has been added to the exempt. For NON-EXEMPT waste only the following documents.	do hereby certify that, according to the Resource Conservation and chion Agency's July, 1998, regulatory determination, the above-described PN-EXEMPT non-hazardous waste by characteristic analysis or by product attorn or non-exempt non-hazardous waste defined above. When the exempt and the exempt above is attached (check appropriate items): X. Other (description): Knowledge of Process.
Department of Emergency Management) Recovery Act (RCRA) and Environmental Protect waste is: (Check appropriate classification) EXEMPT oilfield waste X NC identifies and that nothing has been added to the exempt For NON-EXEMPT waste only the following doc MSDS Information	do hereby certify that, according to the Resource Conservation and chion Agency's July, 1998, regulatory determination, the above-described PN-EXEMPT non-hazardous waste by characteristic analysis or by product attorn or non-exempt non-hazardous waste defined above. When the exempt and the exempt above is attached (check appropriate items): X. Other (description): Knowledge of Process.
Department of Emergency Management) Recovery Act (RCRA) and Environmental Protect waste is: (Check appropriate classification) EXEMPT oilfield waste X NC identifies and that nothing has been added to the exempt For NON-EXEMPT waste only the following doc MSDS Information RCRA Hazardous Waste	do hereby certify that, according to the Resource Conservation and chion Agency's July, 1998, regulatory determination, the above-described PN-EXEMPT non-hazardous waste by characteristic analysis or by product attorn or non-exempt non-hazardous waste defined above. When the exempt and the exempt above is attached (check appropriate items): X. Other (description): Knowledge of Process.
Department of Emergency Management) Recovery Act (RCRA) and Environmental Protections waste is: (Check appropriate classification) EXEMPT oilfield waste X NC Identifies and that nothing has been added to the exempt For NON-EXEMPT waste only the following doc MSDS Information RCRA Hazardous Waste Chain of Custody	do hereby certify that, according to the Resource Conservation and chion Agency's July, 1998, regulatory determination, the above-described PN-EXEMPT non-hazardous waste by characteristic analysis or by product attorn or non-exempt non-hazardous waste defined above. When the exempt and the exempt above is attached (check appropriate items): X. Other (description): Knowledge of Process.
Department of Emergency Management) Recovery Act (RCRA) and Environmental Protest waste is: (Check appropriate classification) EXEMPT oilfield waste X NC identification and that nothing has been added to the exempt For NON-EXEMPT waste only the following doc MSDS Information RCRA Hazardous Waste Chain of Custody Name (Original Signature):	do hereby certify that, according to the Resource Conservation and abon Agency's July, 1998, regulatory determination, the above-described PN-EXEMPT non-hazardous waste by characteristic analysis or by product attorn or non-exempt non-hazardous waste defined above. Uniform (check appropriate items): X Other (description): Knowledge of Process. Analysis
Department of Emergency Management) Recovery Act (RCRA) and Environmental Protections waste is: (Check appropriate classification) EXEMPT oilfield waste X NC identifies and that nothing has been added to the exempt For NON-EXEMPT waste only the following doc MSDS Information RCRA Hazardous Waste Chain of Custody Name (Original Signature):	do hereby certify that, according to the Resource Conservation and abon Agency's July, 1998, regulatory determination, the above-described PN-EXEMPT non-hazardous waste by characteristic analysis or by product attorn or non-exempt non-hazardous waste defined above. Uniform (check appropriate items): X Other (description): Knowledge of Process. Analysis



PRESIDENT

TAYLOR MCKENZIE, M.D. VICE PRESIDENT

February 8, 2000

Mr. Phil Nobels, Tierra PO Drawer 15250 Farmington, NM 87401

Dear Mr. Nobels:

This letter is in reference to the diesel fuel spill that occurred on February 2, 2000, north of N36 Highway.

The diesel fuel spill needs to be removed due to it being a public health threat and that it is in a residential area. The contaminated soil will be transported to your yard this afternoon.

If you have any questions, please call me at 505-368-1231.

Sincerely,

Allan Jones, Project Manager

allow Jones

Department of Emergency Management

ew exico rorm C-138 O. Box 1980 Energy IV rals and Natural Resources F Originated 3/8/00 obbs, NM 88241-1980 urtment istrict II - (505) 7:83-1283 Oil Conservation Division 1 S. First Submit Origina: 2040 South Pacheco Street tesia, NM 88210 s Plus i Copy trict III - (505) 334-6178 Santa Fe, New Mexico 87505 to appropriate 7 Rio Brazos Road (505) 827-7131 District Office .c. NM 87410 strict IV - (505) 827-7131 REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE 1) Foust Non-Exempt: X 1. RCRA Exempt: 5. Originating Site/Tecs Lindsithyon Verbal Approval Received: 2-7-1/6 Yes X 2. Management Facility Destination Tierro 6. Transporter 3. Address of Facility Operator # 420 7. Location of Material (Street Address or ULSTR) 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. 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 nazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport. BRIEF DESCRIPTION OF MATERIAL: Contaminated Soil From Diesel Fuel Spill Estimated Volume Known Volume (to be entered by the operator at the end of the haui) -TITLE: Land Farm Marager

APPROVED BY: Demy S, Frent TITLE: Geologist DATE: 2/14/00

APPROVED BY: TITLE: DATE: 2/14/00

TYPE OR PRINT NAME:

urict I - (505) 393-6161). Box 1980 bbs, NM 88241-1980 · urice II - (505) 748-1283 S. First esia, NM 88210 trict III - (505) 334-6178 Rio Brazos Road .c. NM 87410

urict IV - (505) 827-7131

Energy iv.

New Mexico rals and Natural Resources D Oil Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505

(505) 827-7131

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Form C-138

Originated 3/8/93

FFR 16 2000

Environmental Bureau Oil Conservation Division

Submit Origina: Plus I Čopy to appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE 00013
1. RCRA Exempt: Non-Exempt: D. Foust	4. Generator Key Energy Searce
Verbal Approval Received 2-700 Yes ☒ No ☐	4. Generator Key Evergy Searce 5. Originating Site Key's Linda thyen
2. Management Facility Destination Tiessa land Facm	6. Transporter Key
3. Address of Facility Operator # 420 CR 3100 Aztec	8. State New Mexico
7. Location of Material (Street Address or ULSTR) Kecs Linds th yard	Mile Morker 13 Hwy 575
9. Circle One:	
A. All requests for approval to accept oilfield exempt wastes will be accepted. Generator; one certificate per job. All requests for approval to accept non-exempt wastes must be accepted. PROVE the material is not-hazardous and the Generator's certification listing or testing will be approved.	ompanied by necessary chemical analysis to
All transporters must certify the wastes delivered are only those consigned	d for transport.
BRIEF DESCRIPTION OF MATERIAL:	
Contaminated Soil From Diesel Knol Spill FEB 2000 FECEIVED OIL COAL DIV DIGT. 3 cy Known Volume (to be entered by the op	SOLO FEB 200 TO THE SOLUTION OF THE SOLUTION O
SIGNATURE: Deux Brand TITLE: Land Farm Waste Management Facility authorized Agent TYPE OR PRINT NAME: David Bongwitz TEL	Manager DATE: 2-7-00 EPHONE NO. 334-8874
APPROVED BY: Martyn ghuly TITLE: Environment	ntul Goologish === 2/16/00

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address:	2. Destination Name:
Bly Energy Services 5651 4.3. Hay 64	Tierra Environmental Company
Farmington, reg 8 7401	
3. Originating Site (name):	Location of the Weste (Street address &/or ULSTR):
Lindoith, Non Yard	Mile Marker 13 Har 5-25
	Lindowth, News
Attent list of originating sites as appropriets	
4. Source and Description of Wages	
Diesel Frel Spill, Contaminant	Get 1
Bobert W. James (Friend Name) Sey Energy Services Four Corners I	
(C C (Print Name)	representative for:
Des Cherce Jervice Four Corner D	do hereby certify that
sea, regulatory determination, the above described	6/V ACL (MCRA) and Environmental Protection Agency's duty
	•
EXEMPT cliffeld wasteNON-EXE	MPT oilfield wasta which is non-hazardous by characteristic
anaiysis o	or by product identification
n or admexe art of babbs need sail gniffen fart br	on-exempt nen-hazardous waste defined above,
or NON-EXEMPT waste only the following document	
MSDS Information RCRA Hazardous Waste Analysis	Other (description):
Chain of Custody	
1.47	7
ame (Original Signature):	Con_
ria: Fyn She y	
ide: Fyn Shap Managae	



Material Safety Data Sheet

Trade name	Diesel #2 Oil	Code	000456
Supplier Fina Oil and Chemical Co	MSD5#	P33	
	P.O. Box 2159 Dalles, TX 75221	Validation Date	3/25/99
Synonym	Fuel Oil # 2, Furnace Oil #2	Print Date	9/13/99
MSD\$ Name	Diesel Oil #2	Responsible for Preparation	Larry Myers
Chemical Family	Hydrocarbon Mixture		
CAS Registry Number	68476-34-8	3	mtrec: (800) 424-9300 N: (800) 322-FINA
Threshold Limit Value	TWA: 100 (mg/m²) from NIQSH	Inchalem Port	Arthur: (409) 962-4421
Manufacturer	Fina Oil and Chemical Co P.O. Box 849 Port Arthur, TX 77641-0849	Intermation	

Section 2. Composition and inform	ation on ingr	edients	
Name	CAS#	4 by Weight	Exposure Limits
1) Diesel Oil #2	68478-34-6	100	TWA: 100 (mg/m²) from NIOSH

Physical State and Appearance	Liquid.		
Emergency Overview	COMBUSTIBLE LIQUID AND VAPOR. Vapor may cause fire. MAY CAUSE NÉRVOUS SYSTEM, GASTROINTESTINAL TRACT, RÉSPIRATORY TRACT, SKIN, EYES DAMAGE. MAY CAUSE EYE IRRITATION. Causes severe skin irritation.		
Routes of Entry	Dermal contact. Eye contact. Inhalation, Ingestion,		
Potential Acute Health Effects			
Eyec	Hazardous in case of eye contact (irritant).		
Skin	Sensitization of the product: Not available. Very hazardous in case of skin contact (initiant). Non-corrosive for skin. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, bijstering.		
Izh alotion	n Infoxication, dizzinose, drowsiness, headache and nausea, weakness and fatigue. Burning sensation in chest, possible asphysiation and unconsciousness.		
Ingestion	Local imitation, burning sensation in mouth, esophagus, and stornach. Vomiting, betching, and diarrhea with blood-tinged feces. Drawsiness. The greatest hazard of ingestion is appidental PULMONARY ASPIRATION, which can cause potentially fatal CHEMICAL PNEUMONITIS and NONCARGIOGENIC PULMONARY EDEMA.		
Potential Chronic Health Effects	Signs and symptoms of chronic exposure are similar to those of acute exposure. Skin: dermatitis. CARCINOGENIC EFFECTS: 3 (Not classifiable for human.) by IARC. Lifetime skin painting studies conducted by the American Petroleum institute and others have shown that similar products boiling between 175-370 C (350-700 F) usually produce skin tumors and/or cancer in mice. The degree of carcinogenia response was weak to moderate with a relatively long latent period. The implications of these results for humans have not been determined. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available.		
Medical Conditions Aggravated by Overexposure	Repeated exposure to an highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.		
Overexposure /Signs/Symptoms	Not avaiside.		

Page: 2/5

Saction 4 First Aid Measures		
Eye Contact	Check for and remove any contact lenses. Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. DO NOT use an eye ointment. Seek medical attention.	
Sidu Contuct	After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abresive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.	
Inhalstion	Allow the violan to rest in a well ventilated area. Seek immediate medical attention.	
Ingestion	DO NOT induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the todo material was ingested; the absence of such signs, however, is not conclusive. Lossen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.	
Notes to Physician	May administer activated charcosl or gastric lavage. Emesis may result in chemical pneumonitis (#2 Diesel). Consider cheat x-ray after acute overexposure and perform kidney function tests if symptoms develop or overexposure is suspected (kerosene).	

Section 5. Fire Fight	ing Measures
Flummability of the Product	Combustible.
Auto-ignition Temperature	>204°C (399.2°F)
Flash Points	CLOSED CUP: 54.4°C (130°F). (Pensky-Martens.).
Flanmable Limits	LOWER: 0.4% UPPER: 5%
Products of Combustion	carbon oxides (CO, CO2) sulfur oxides (SO2, SO3)
Fire Hazards in Presence of Various Substances	Flammable in presence of open flames and sparks, of neat.
Explosion Hazards in Presence of Various Substances	Risks of explosion of the product in presence of static discharge: Expected. Risks of explosion of the product in presence of mechanical impact: Not expected. No specific information is available in our database regarding the product's risks of explosion in the presence of various materials.
Fire Fighting Media and Instructions	SMALL FIRE: Use DRY chemical powder, CO ₁ , and halon. LARGE FIRE: Use water sprey, fog or foam. DO NOT use water jet.
Protective Clothing (Fire)	Wear MSHA/NIOSH approved solf-contained breathing apparatus or equivalent and full protective gear (Bunker gear).
Special Remarks on Fire Hazards	Combustible. Avoid inhalation of vapors. May generate dense smoke while burning.
Special Remarks on Explosion Hazards	May form explosive mixtures with air. Container may explode in fire. Flashback along vapor trail may occur. May explode if Ignified in an enclosed area.

Lurge Spill and Lank	Combustible material. Keep away from heat. Keep away from sources of ignition. Stop leak it without risk. Be pareful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.
Smail Spill and Leak	Warn personnel to move away. Eliminate ignition sources and ventilate area. Absorb with an inert material and place in an appropriate waste disposal container.
Section 6. Accider	ntal Release Measures

Section 7. He	indling and Storage
Handling	Do not breatne gas, fumes, vapor or spray. Keep away from incompatibles such as oxidizing agents. Keep away from sources of Ignition.
Storage	Keep container tightly closed. Keep in a cool, well-ventilated place. Keep away from sources of ignition. Keep away from incompatibles as exidizers.

Section 8. Exposu	e Contro/s/Fersonal Protection
Engineering Controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.
Personal Protection	ver Safety glasses. Splash goggles.
В	ndy Flame retendant clothing covering the entire body.
Respires	Usa a MSHA/NIOSH approved respirator or equivalent at high concentrations.

Page: 3/5

Hands Chemical resistant gloves if contact is possible.

Fam Not applicable.

Protective Clothing (Pietograms)



Personal Protection in Case of a Large Spill

Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A saif contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Product Name Exposure Limits

1) Diesel Oil #2 TWA: 100 (mg/m²) from NIOSH

Consult local authorities for acceptable exposure limits.

Section 9. Physical (und Chemical Properties	EN BIS	
Physical State and Appearance	Liquid.	Odor	Kerosine-like
Molecular Weight	Not applicable.	Taste	Not available.
Molecular Formula	Not applicable.	Color	Straw color.
pří (1% Soln/Water)	Not applicable.		
Balling/Condensation Point	160 to 354.4°C (320 to 670°F)		
Melting/Freezing Point	Not available.		
Critical Temperature	Not available.		***
Specific Gravity	0.87 (Water = 1)		
Vapor Pressure	1.6 mm of Hg (@ 20°C)		
Vapor Density	8 (Air = 1)		-1000
Volstility	100% (V/V).		
Odor Threshold	Not avaitable.		
Evaporation Rate	600 X slower compared to Ethylether	·	
VOC	100 (%)		
Viscosity	Not available:		
LogK.	Not available.		
lonicity (in Woter)	Nat evailable.		
Dispersion Properties	Not available.		
Solubility in Water	Negligible.		
Physical Chemical Comment	s No additional remark.		

Section 10. Stebility	and Reactivity
Stability and Reactivity	The product is stable.
Conditions of Instability No additional remark.	
Incompatibility with Various Extremely reactive or incompatible with strong oxidizing agents.	
Hatardous Decomposition Products	carbon monoxide & carbon dioxide
Hazardous Polymerization	No.

Page: 4/5

Section 11. Taxicolo	gical Information
Textetty to Animals	Acute one toxicity (LD50): 7500 mg/kg [Rat]. Acute oral toxicity (LD50): 9 ml/kg [Rat]. Acute dermal toxicity (LD50): >3160 mg/kg [Rabbit].
Chronic Effects on Humans	CARCINOGENIC EFFECTS: 3 (Not classifiable for human.) by IARC. Lifetime skin painting studies conducted by the American Petroleum Institute and others have shown that similar products boiling between 175-370 C (350-700 F) usually produce skin tumors and/or cancer in mice. The degree of carcinogenic response was weak to moderate with a relatively long latent period. The implications of these results for humans have not been determined. The substance is toxic to the nervous system, gastro-intestinal tract, upper respiratory tract, skin, eyes.
Other Toxic Effects on Humans	Very hazardous in case of ingestion, of Inhalation. Slightly hazardous in case of skin contact (Irritant), of eye contact (irritant).
Special Remarks on Toxicity to Animals	Prolonged or repeated inhalation of highly concentrated petroleum distallates caused liver tumors in mice and kidney damaage and tumors in male rate. Skin paint with distillates (boiling range 100-700 F) applied repeatedly and never washed off can cause skin cancer. Chronic exposure to unfiltered diesel exhaust produced tumors in lungs and lymphomas in mice and rate.
Special Remarks on Chronic Effects on Humans	NIOSH recommends that whole diesel exhaust be regarded as a potential carcinogen.
Special Remarks on Other Toxic Effects on Humans	No additional remark.

Section:12 Ecologic	al folomation	
Ecotoxicity	Aquatic toxicity: 2990 ppm/24 hr (korosene). Does not bloconcentrate in the food chain (kerosene).	
BOD5 and COD	53%, 5 days (kergsene)	
Biodegradable/OECD	Not available.	
Mobility	Not available.	
	Possibly nazardous short term degradation products are not likely. However, long term degradation products may arise.	
Toxicity of the Products of Biologradiation	Not available.	
Special Remarks on the Products of Blodegradation	No additional remark	

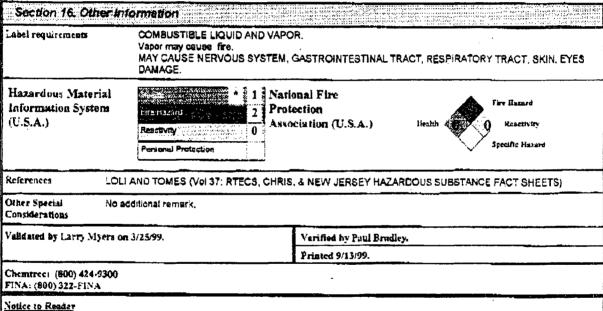
Section 13. Dispo	naal Considerations
Waste Information	Recover free liquid. Transfer to an approved disposal area in accordance with federal, state, and local regulations.
Waste Stream	Not available.
Consult your local or reg	sonal authorities.

DOT Classification	DOT CLASS 3: Flammable liquid.	•
	Flammable liquids n.o.s.	
	NA1993	
	Not available.	
Marine Pollutant	Not available.	
Hužurdous Substances Reporteb Quantity	le Not available.	
Special Provisions for Transport	No additional romark.	
TDG Classification	TDG CLASS 3: Flammable liquid.	
ADR/RID Classification	ADR CLASS 3: Flammable liquid A.	
MO/IMDG Classification	IMDG CLASS 3.1: Flammable liquid (Low flash point).	
ICAO/IATA Classification	IATA CLASS 3; Flammable liquid.	

74982

Page: 5/5

IICS Classification	HCS CLASS; Combustible liquid having a flash point between 37.8°C (100°F) and 93.3°C (200°F).
U.S. Federal Regulations	TSCA inventory: Diesel Oil #2
	SARA 313 taxic chemical notification and release reporting: No products were found
	Clean water act (CWA) 307: No products were found.
	Clean water act (CWA) 311: No products were found.
	Clean air act (CAA) 112 accidental re-ease prevention: No products were found. Clean air act (CAA) 112 regulated flammable substances: No products were found.
	Clean air act (CAA) 112 regulated toxic substances: No products were found.
International Regulations	
WHMIS (Canada)	WHMIS CLASS B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F).
	CEPA DSL: Diesci Oil #2
EINECS	Not available.
DSCL (EEC)	R36/38- Irritating to eyes and skin.
luternational Lists	No products were found.
State Regulations	Pennsylvania RTK: Diesel Oil #2
	California prop. 85: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: No products were found.



To are less of any Raincledge, the information contained herein is accurate. However, nather the above names supplies nor any of as enhaltaries newwes any licibility whatsoever for the accuracy or completeness of the information contained herein. Final accomination of susability of any present inherent the sole responsibility of the user. All materials may present unknown hat and an arbeild be used with eastern. Although cortain hat are described herein, we cannot guarantee that these are the only hat are the case. District I - (505) 393-6161
P. O. Box 1980
Hobbs, NM 8201-1980
District V - (505) 748-1283
811 S. First
Artesia, NM 88210
P1-trict III - (505) 334-6178
1 Rio Brazos Road

District IV - (505) 827-7131

~_..c. NM 87410

Energy .

New Mexico

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

partment RECEIVED

FER n 3 2000 Pluto and Distr

Submit Original Plus I Copy to appropriate District Office

Form C-138

Originated 3/8/93

Environmental Bureau
Oil Conservation Division

REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE 0005		
1. RCRA Exempt: Non-Exempt:	4. Generato Compressor System's In		
Verbal Approval Received: Yes No No	5. Originating Site Same 1		
2. Management Facility Destination Tierra LandFarm	6. Transporter Riles		
3. Address of Facility Operator \$\frac{17}{420} CR3/00 Aztec	8. State New Mexico		
7. Location of Material (Street Address or ULSTR) Farming ton	New Mexico		
9. Circle One: A. All requests for approval to accept cilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. 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	d for transport.		
BRIEF DESCRIPTION OF MATERIAL:			
Oil and Water Mixed Frank New 0,1/	SECTION ON ON ON ON ON ON ON ON ON ON ON ON O		
Estimated Volume 40 Bb/s cy Known Volume (to be entered by the open	erator at the end of the haul) 40 Bb/s av		
SIGNATURE: Douck Bouth TITLE: Land For Waste Management Fathery Authorized Agent	m Marager DATE: 1-20-00		
TYPE OR PRINT NAME: TEL	EPHONE NO.		
APPROVED BY: Martyn 9 Muy TITLE: Engrown	DATE: 1/31/00		

O. Box 1980 obbs, NM 88241-1980 - (505) 748-1283 1 S. First

Energy IV

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

rtment

Submit Original Plus I Copy to appropriate District Office

المعمد الشكار

Originated 3/8/97

1 S. First

a. NM 88210

uict III - (505) 334-6178

Rio Brazos Road

c. NM 87410

- (505) 827-7131

REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE 0005		
1. RCRA Exempt: Non-Exempt: 🔀	4. Generato Compressor System's In		
Verbal Approval Received: Yes No No	5. Originating Site Same A		
2. Management Facility Destination Tierra land Farm	6. Transporter Riles		
3. Address of Facility Operator \$\frac{1}{420} CR3/00 Aztec	8. State New Mexico		
7. Location of Material (Street Address or ULSTR) Farmington	New Mexico		
9. Circle One:			
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All transporters must certify the wastes delivered are only those consigned	d for transport.		
BRIEF DESCRIPTION OF MATERIAL: O'll and Water Mixed From New O'll	Spill Received 2000 23		
Estimated Volume 40 Bb/s cy Known Volume (to be entered by the op	erator at the end of the haul) 40 Bbb sy		
SIGNATURE: Donal Boron TITLE: Land For Waste Management Father Authorized Agent	on Morriger DATE: 1-20-00		
TYPE OR PRINT NAME TEL	EPHONE NO.		
(This space for State Use)	1/31/02		



NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE 1000 RIO BRAZOS ROAD AZTEC, NEW MEXICO 87410 (505) \$24-6178 Fax (505)334-6170

GARY E. JOHNSON GOVERNOR JENNIFER A. SALISBURY CABINET SECRETARY

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address: Compression Systems in Therma Environmental. 5995 US Huy64 420 CM 3100	
COMPRESSOR SySTEMS INC THERRA CHOICEMENT	1
5995 US Huy64 420 CR 3100	1
FRANKETON NAN X1901 BOJEC /YM 8 7710	
13. Oddinating Site (pama):	}
New OIL BUKTANK #11 CR5911	
FARmyTon	
Attach list of engineting sites as appropriate	
4. Source and Description of Waste CHEURON GAS Engine OIL From. CS/	
See ATTEHED MSDS CHEURON TYPET	
	1
I, DAVID ALGEO representative for:	
Compresson Systems In C. do hereby certify	that.
according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's	s July,
according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's 1989, regulatory determination, the above described waste is: (Check appropriate classification)	s July,
according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's 1989, regulatory determination, the above described waste is: (Check appropriate classification)	s July,
according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's 1989, regulatory determination, the above described waste is: (Check appropriate classification) EXEMPT oilfield waste X NON-EXEMPT oilfield waste which is non-hazardous by characte	s July,
according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's 1989, regulatory determination, the above described waste is: (Check appropriate classification)	s July,
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Material Safety Data Sheet

1 of 7 Page

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEVRON Gas Engine Oil HDAN Low Ash SAE 30

PRODUCT NUMBER(S): CPS232327 CPS238118

COMPANY IDENTIFICATION

EMERGENCY TELEPHONE NUMBERS

Chevron USA Products Company Environmental, Safety, and Health Room 2900 575 Market St. San Francisco, CA 94105-2856

HEALTH (24 hr): (800)231-0623 or (510)231-0623 (International) TRANSPORTATION (24 hr): CHEMTREC (800)424-9300 or (202)483-7616

PRODUCT INFORMATION: MSDS Requests: (800) 228-3500

Environmental, Safety, & Health Info: (415) 894-1899

Product Information: (800) 582-3835

2. COMPOSITION/INFORMATION ON INGREDIENTS

100.0 % CHEVRON Gas Engine Oil HDAX Low Ash SAE 30

CONTAINING

LIMIT/OTY

AGENCY/TYPE

HYDROTREATED DIST., HVY PARA

Chemical Name: DISTILLATES, HYDROTREATED HEAVY PARAFFINIC

CAS64742547

COMPONENTS

90.0%

5 mg/m3 (mist)

ACGIH TWA

10 mg/m3 (mist)

ACGIH STEL

5 mg/m3 (mist)

OSHA PEL

ADDITIVES INCLUDING THE FOLLOWING

ZINC ALKARYL DITHIOPHOSPHATE

Chemical Name: ZINC ALKARYL DITHIOPHOSPHATE

CAS54261675

< 1.5%

Revision Number: 5

Revision Date: 01/11/95

MSDS Number: 004210

NDA - No Data Available

NA - Not Applicable

Prepared according to the CSMA Mazard Communication Standard (29 CFR 1910.1200) and the ANSI MSDS Standard (2400.1) by the Toxicology and Health Risk Assessment Unit, CRTC, P.Q., Box 4054, Richmond, CA 94804

Page 2 of 7

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.

TLV - Threshold Limit Value

TWA - Time Weighted Average

STEL - Short-term Exposure Limit

TPQ - Threshold Planning Quantity

RQ - Reportable Quantity

PEL - Permissible Exposure Limit

- Ceiling Limit

CAS - Chemical Abstract Service Number

Al-5 - Appendix A Categories

() - Change Has Been Proposed

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

This substance is not expected to cause prolonged or significant eye irritation.

SKIN:

This substance is not expected to cause prolonged or significant skin irritation. The systemic toxicity of this substance has not been determined. However, it should be practically non-toxic to internal organs if it gets on the skin.

INGESTION:

The systemic toxicity of this substance has not been determined. However, it should be practically non-toxic to internal organs if swallowed.

INHALATION:

The systemic toxicity of this substance has not been determined. However, it should be practically non-toxic to internal organs if inhaled. Prolonged or repeated breathing of petroleum oil mist can cause respiratory irritation.

SIGNS AND SYNPTOMS OF EXPOSURE:

INHALATION: Respiratory tract irritation may include, but may not be limited to, one or more of the following: nasal discharge, sore throat, coughing, bronchitis, pulmonary edema and difficulty in breathing.

4. FIRST AID MEASURES

No first aid procedures are required. However, as a precaution flush eyes with fresh water for 15 minutes. Remove contact lenses if worn. SKIM:

No first aid procedures are required. As a precaution, wash skin thoroughly with soap and water. Remove and wash contaminated clothing. INGESTION:

If swallowed, give water or milk to drink and telephone for medical advice. Consult medical personnel before inducing vomiting. If medical

Revision Number: 5 Revision Date: 01/11/95 MSDS Number: 004210 NDA - No Data Available NA - Not Applicable

CHEVRON Gas Engine Oil dDAX Low Ash SAE 30

Page 3 of 7

advice cannot be obtained, then take the person and product container to the nearest medical emergency treatment center or hospital.

IMPALATION:

If respiratory discomfort or irritation occurs, move the person to fresh air. See a doctor if discomfort or irritation continues.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

FLASH POINT: (COC) 410F (210C) Min.

AUTOIGNITION: NDA

FLAMMABILITY LIMITS (& by volume in air): Lower: NA Upper: NA

EXTINGUISHING MEDIA:

CO2, Dry Chemical, Foam, Water Fog

NFPA RATINGS: Health 1; Flammability 1; Reactivity 0.

FIRE FIGHTING INSTRUCTIONS:

For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.

COMBUSTION PRODUCTS:

Normal combustion forms carbon dioxide, water vapor and may produce oxides of sulfur, nitrogen and phosphorous.

35. S. A. O.

6. ACCIDENTAL RELEASE MEASURES

CHEMTREC EMERGENCY NUMBER (24 hr): (800)424-9300 or (202)483-7616 ACCIDENTAL RELEASE MEASURES:

Stop the source of the leak or release. Clean up releases as soon as possible. Contain liquid to prevent further contamination of soil, surface water or groundwater. Clean up small spills using appropriate techniques such as sorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Follow prescribed procedures for reporting and responding to larger releases.

7. HANDLING AND STORAGE

HANDLING AND STORAGE:

DO NOT weld, heat or drill container. Residue may ignite with explosive violence if heated sufficiently. CAUTION! Do not use pressure to empty drum or drum may rupture with explosive force. Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT EYE/FACE PROTECTION:

Revision Number: 5 Revision Date: 01/11/95 MSDS Number: 004210 NDA - No Data Available NA - Not Applicable

No special eye protection is usually necessary.

SKIN PROTECTION:

No special skin protection is usually necessary. Avoid prolonged or frequently repeated skin contact with this material. Skin contact can be minimized by wearing protective clothing.

RESPIRATORY PROTECTION:

No special respiratory protection is normally required. However, if operating conditions create airborne concentrations which exceed the recommended exposure standards, the use of an approved respirator is required.

ENGINEERING CONTROLS:

Use adequate ventilation to keep the airborne concentrations of this material below the recommended exposure standard.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL DESCRIPTION:

Dark amber liquid. ACM

pH: VAPOR PRESSURE: NA

VAPOR DENSITY

(AIR=1):

BOILING POINT: NA NDA

FREEZING POINT: MELTING POINT:

NA

SOLUBILITY: Soluble in hydrocarbon solvents; insoluble in water. SPECIFIC GRAVITY: 0.88 @ 15.6/15.6C

84,108,60

EVAPORATION RATE: NA

ាក្រ () នៃស្ថិត្តិ 11.0 cst @ 100C (Min.)

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VISCOSITY: PERCENT VOLATILE AND PROPERTY OF THE PROPERTY OF

(VQL):

NA NA

10. STABILITY AND REACTIVITY

HAZARDOUS DECOMPOSITION PRODUCTS:

CHEMICAL STABILITY:

Stable.

CONDITIONS TO AVOID:

No data available. Programme A constraint

INCOMPATIBILITY WITH OTHER MATERIALS:

May react with strong oxidizing agents, such as chlorates, nitrates,

peroxides, etc.

HAZARDOUS POLYMERIZATION:

Polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

Revision Number: 5 Revision Date: 01/11/95 MSDS Number: 004210

NDA - No Data Available NA - Not Applicable

...

1.5 6 6 3 5 7 7

CHEVRON Gas Engine Oil HDAX Low Ash SAE 30

EYE EFFECTS:

No product toxicology data available. The hazard evaluation was based on data on the components.

SKIN EFFECTS:

No product toxicology data available. The hazard evaluation was based on data on the components.

ACUTE ORAL EFFECTS:

No product toxicology data available. The hazard evaluation was based on data on the components.

ACUTE INHALATION EFFECTS:

No product toxicology data available. The hazard evaluation was based on data on 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 continuous 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.

ranger and the second of the s

12. ECOLOGICAL INFORMATION

ECOTOXICITY:

No data available.

environmental fate:

This material is not expected to present any environmental problems other than those associated with oil spills.

13. DISPOSAL CONSIDERATIONS

DISPOSAL CONSIDERATIONS:

Oil collection services and collection centers are available for used

Revision Number: 5 Revision Date: 01/11/95 MSDS Number: 004210 MDA - No Data Available MA - Not Applicable

5 of 7 Page

motor oil recycling or disposal. Some service stations, automotive service centers, and retailers provide motor oil collection facilities.

Place contaminated materials in containers and dispose of in a manner consistent with applicable regulations. Contact your sales representative or local environmental or health authorities for approved disposal or recycling methods.

14. TRANSPORT INFORMATION

The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

DOT SHIPPING NAME: NOT DESIGNATED AS A HAZARDOUS MATERIAL BY THE FEDERAL DOT

DOT HAZARD CLASS: NOT APPLICABLE

DOT IDENTIFICATION NUMBER: NOT APPLICABLE

DOT PACKING GROUP: NOT APPLICABLE

15. REGULATORY INFORMATION

SARA 311 CATEGORIES: 1. Immediate (Acute) Health Effects: NO

2. Delayed (Chronic) Health Effects: NO

3. Fire Hazard: NO

4. Sudden Release of Pressure Hazard: NO

5. Reactivity Hazard:

REGULATORY LISTS SEARCHED:

	n ·	
01=SARA 313	ll=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)
U##CA Prop 65-Carcin	l4=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
C8=IARC Group 2B	18-DOT Marine Pollutant	
09-SARA 302/304	19=Chevron TWA	30=Chevron STEL
10mpa 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. DISTILLATES, HYDROTREATED HEAVY PARAFFINIC is found on lists: 14,15,17,

Revision Number: 5 Revision Date: 01/11/95 MSDS Number: 004210

NDA - No Data Available NA - Not Applicable CHEVRON Gas Engine Oil HDAX Low Ash SAE 30

Page 7 of 7

16. OTHER INFORMATION

NFFA RATINGS: Health 1; Flammability 1; Reactivity 0; (Least-0, Slight-1, Moderate-2, High-3, Extreme-4). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFFA) or the National Paint and Coating Association (for HMIS ratings).

REVISION STATEMENT:

Changes have been made throughout this Material Safety Data Sheet. Please read the entire document.

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modification of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

Revision Number: 5 Revision Date: 01/11/95 MSDS Number: 004210 NDA - No Data Available NA - Not Applicable

O. Box 1980

obbs, NM 88241-1980

strict II - (505) 748-1283

1 Seffirst

tesia, NM 88210

trict III - (505) 334-6178

Rio Brazos Road

...c, NM 87410

strict IV - (505) 827-7131

APPROVED BY:

Energy IV

rals and Natural Resources Deartment

Oil Conservation Division

2040 South Pacheco Street

Santa Fe, New Mexico 87505

(505) 827-7131

Originated 8/8/95

Submit Original Plus I Copy to appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE COOY
1. RCRA Exempt: Non-Exempt: M. Kieling	4. Generator Large Tant Eguip.
Verbal Approval Received: 1-1%-00 Yes No No	5. Originating Site Largo Tank yard.
2. Management Facility Destination Trerra land Farm	6. Transporter
3. Address of Facility Operator #420 CR 3100 Azter	8. State Neu Mexico
7. Location of Material (Street Address or ULSTR) Large Tunk Gard	5280 Hwy 64 Farmington
9. Circle One:	
 A. All requests for approval to accept oilfield exempt wastes will be accommon Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompressed to the material is not-hazardous and the Generator's certification listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned. 	ompanied by necessary chemical analysis to n of origin. No waste classified hazardous by
BRIEF DESCRIPTION OF MATERIAL:	
Contaminated Soil From Waste oil store	ge Tank spill
JAN 200 SE RECEIVE OIL CON. D DIST. 3	ED W
Estimated Volume 20 cy Known Volume (to be entered by the open	\sim $1/1$
SIGNATURE: Double Bounces Signature: TITLE: Land Form Waste Management Facility Julinonzen Agent TYPE OR PRINT NAME: DON'S BONGWITZ TEL	Manager STE: 1-19-00 EPHONE NO. 334-8894
(This space for State Use) APPROVED BY: Demy De Louy TITLE: Geole	0915T DATE: 1/3/100

TITLE:

- (505) -0101), Box 1980 , bbs, NM 88241-1980 <u>क्रांदर्भी</u> - (505) 748-1283 S. First

esia, NM 88210 trict III - (505) 334-6178 Rio Brazos Road .c. NM 87410

Energy IVL cals and Natural Resources Department

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

New Mexico

RECEIVED

Submit Original Plus I Copy to appropriate

Form C-138

Originated 8/8/95

FFR n 3 2000 District Office

rict IV - (505) 827-7131	Environmental Bureau
REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE OOO 9
1. RCRA Exempt: Non-Exempt: M. Kieling	4. Generator Lango Tant Eguip.
Verbal Approval Received: 1-18-00 Yes No No	5. Originating Site Largo Tank yard.
2. Management Facility Destination Tierra land Farm	6. Transporter
3. Address of Facility Operator #420 CR 3100 Azter	8. State New Mexico
7. Location of Material (Street Address or ULSTR) Largo Tunk yard	8. State New Mexico 5280 Hwy 64 Farmington
9. <u>Circle One</u> :	
 A. All requests for approval to accept oilfield exempt wastes will be accordenerator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accorded PROVE the material is not-hazardous and the Generator's certification listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned. 	impanied by necessary chemical analysis to n of origin. No waste classified hazardous by
SIGNATURE: Device Bounces Signature (to be entered by the open signature) Waste Management Facility Suthonzed Agent TITLE: Land Facility Suthonzed Agent	JAN 2000 RECEIVED OLCON. DIV DIST. 3
(This space for State Use)	

TITLE: (Seologis)

FAX NO. :

Jan. 17 2000 11:44AM F2



NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL COMESTANTION DIVISION AZTEC DISTRICT DIFFICE FOR RID BRAZOS ROAD AZTEC, NEW MEXICO 87419 (8003) 834-6176 FOX (805)24-6170

GARY E. JOHNSON

1. Generator Name and Address:

LARGO TANK ! Equipment, Inc

JENNIFER A. SALISBURY CABINET SECRETARY

CERTIFICATE OF WASTE STATUS

2. Destination Name:

TIERRA ENVIRONMENTAL

3. Originating Site (name):	
13. Onomatho Site (Asmet	أور والمناور والمراوية والم
	Location of the Waste (Street address &/or ULSTR):
LAKGO TANE - Equipment, I	آه ا
5220 4.5.64	
FARMINGTON, MM 87401	
Arten ist or enginering with an economiete	
4. Source and Description of Waste	
Oly dort - contaminated	by waste oil from storage
tank- ut/ve malfunchian	from Freezing , aily dist
same 1 1 Souther set	la the Branch of
content to de the	changed since previous tests.
CONTAGRICACIENT SOIT NAVE NOT	Changed since previous tests.
	,
1. David WASONER	representative for:
(Print Name)	777.4
LARGO THUR & EQUINMENT	ory Act (RCRA) and Environmental Protection Agency's July.
1988, regulatory determination, the above described	Waste is Check appropriate description
<i>1</i>	• •
EXEMPT citials waste Y NON-EXE	MPT cilfield waste which is non-hazardous by characteristic
ensiyeis o	r by product identification
and that nothing has been added to the exempt or no	n-exempt non-hazzmoue wasse defined shows.
For NON-EXEMPT waste the following documents	ation is attached (check appropriate items):
MSDS information	Other idescription):
MSDS information RCRA Hazardous Wasta Analysis	
MSDS information	
MSDS information RCRA Hazardous Wasta Analysis	
MSDS information RCRA Hazardous Wasta Analysis Chain of Custady This wasta is in compliance with Regulated Levels of	
MSDS Information RCRA Hazardous Wasta Analysis Chain of Custady	Other idescription):
MSDS information RCRA Hazardous Wasta Analysis Chain of Custady This wasta is in compliance with Regulated Levels of	Other idescription):
MSDS information RCRA Hazardous Wasta Analysis Chain of Custady This wasta is in compliance with Regulated Levels of to 20 NMAC 3.1 subpart 1403.C and D.	Other idescription):
MSDS information RCRA Hazardous Wasta Analysis Chain of Custady This wasta is in compliance with Regulated Levela of to 20 NMAC 3.1 subpart 1403.C and D. Name (Original Signature):	Other idescription):
MSDS information RCRA Hazardous Wasta Analysis Chain of Custady This wasta is in compliance with Regulated Levels of to 20 NMAC 3.1 subpart 1403.C and D.	Other idescription):
MSDS information RCRA Hazardous Wasta Analysis Chain of Custady This wasta is in compliance with Regulated Levela of to 20 NMAC 3.1 subpart 1403.C and D. Name (Original Signature):	Other idescription):
MSDS information RCRA Hazardous Wasta Analysis Chain of Custady This wasta is in compliance with Regulated Levela of to 20 NMAC 3.1 subpart 1403.C and D. Name (Original Signature):	Other idescription):
MSDS information — RCRA Hazardous Wasta Analysis — Chain of Custady This wasta is in compliance with Regulated Levels of to 20 NMAC 3.1 subpart 1403.C and D. Name (Original Signature):	Other idescription):



CORE LABORATORIES
A N A L Y T I C A L R E P O R T

Job Number: 951418 Prepared For:

ONSITE TECHNOLOGIES LIMITED
DAVE COX******
657 W. MAPLE
FARMINGTON, NM 87401

Date: 06/05/95

Signature

Name: Chip Meador

Title: Regional Manager

CORE LABORATORIES

1733 NORTH PADRE ISLAND DRIVE

CORPUS CHRISTI, TX 78408



LABORATORY

TESTS 06/05/95

RESULTS

JOB NUMBER: 951418

CUSTOMER: ONSITE TECHNOLOGIES LIMITED

ATTN: DAVE COX*****

LABORATORY I.D...: 951418-0001

DATE RECEIVED...: 05/17/95
TIME RECEIVED...: 12:15

REMARKS....:

CLIENT I.D	2-1000
DATE SAMPLED:	
TIME SAMPLED	08:00
WORK DESCRIPTION:	6386-3040

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
TCLP Semivolatiles		*1		EPA SW-846 8270	05/26/95	GEF
1,4-Dichlorobenzene	<10	10	ug/L	EPA SW-846 8270		
2,4-Dinitrotoluene	<10	10	ug/L	EPA SW-846 8270		
Hexachlorobenzene	<10	10	ug/L	EPA SW-846 8270		
Hexachlorobutadiene	<10	10	ug/L	EPA SW-846 8270		
Hexachloroethane	<10	10	ug/L	EPA SW-846 8270		
Nitrobenzene	<10	10	ug/L	EPA SW-846 8270		
Pentachlorophenol	<50	50 ·	ug/L	EPA SW-846 8270		
2,4,5-Trichlorophenol	<10	10	ug/L	EPA SW-846 8270	1	
2,4,6-Trichlorophenol	<10	10	ug/L	EPA SW-846 8270		
Pyridine	<10	10	ug/L	EPA SW-846 8270	1	
p,m-Cresol	<10	10	ug/L	EPA SW-846 8270	ļ	
o-Cresol	<10	10	ug/L	EPA SW-846 8270	İ	
TCLP Volatiles		*10		EPA SW-846 8260	05/31/95	QP
Benzene	<50	50	lug/L	EPA SW-846 8260		
Carbon tetrachloride	<50	50	ug/L	EPA SW-846 8260	:	
Chlorobenzene	<50	50	ug/L	EPA SW-846 8260		
Chloroform	<50	50	ug/L	EPA SW-846 8260		
Methyl ethyl ketone	<500	500	ug/L	EPA SW-846 8260		
Trichloroethene	<50	50	ug/L	EPA SW-846 8260	•	
Vinyl chloride	<40	40	ug/L	EPA SW-846 8260		
1,2-Dichloroethane	<50	50	ug/L	EPA SW-846 8260		
Tetrachloroethene	<50	50	ug/L	EPA SW-846 8260		
1.1-Dichloroethene	<50 <50	50	ug/L	EPA SW-846 8260	İ	
1,1-Dichtoroethene	, 50		ug/ L	EFA 3#-040 0200		
Extraction - TCLP Semivolatiles	Completed			EPA SW-846 3580	05/24/95	WEB
Glass Jar Extraction for Metals	Completed			EPA SW-846 1311	05/22/95	DGP
Glass Jar Extraction-Semivolatiles	Completed			EPA SW-846 1311	05/22/95	DGP
Arsenic (As), extractable TCLP	<0.05	0.05	mg/L	EPA SW-846 6010	05/23/95	JJP
Barium (Ba), extractable TCLP	0.75	0.05	mg/L	EPA SW-846 6010	05/23/95	JJP
Cadmium (Cd), extractable TCLP	<0.05	0.05	mg/L	EPA SW-846 6010	05/23/95	JJP
Chromium (Cr), extractable TCLP	<0.05	0.05	mg/L	EPA SW-846 6010	05/23/95	JJP
Lead (Pb), extractable TCLP	<0.05	0.05	mg/L	EPA SW-846 6010	05/23/95	JJP
Selenium (Se), extractable TCLP	<0.05	0.05	mg/L	EPA SW-846 6010	05/23/95	JJP

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



LABORATORY TESTS RESULTS

06/05/95

JOB NUMBER: 951418 CUSTOMER: ONSITE TECHNOLOGIES LIMITED ATTN: DAVE COX*******

LABORATORY I.D...: 951418-0001 DATE RECEIVED...: 05/17/95 TIME RECEIVED...: 12:15

REMARKS.....

CLIENT I.D.....: 2-1000
DATE SAMPLED....: 05/16/95
TIME SAMPLED....: 08:00
WORK DESCRIPTION...: 6386-3040

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Silver (Ag), extractable TCLP	<0.05	0.05	mg/L	EPA SW-846 6010	05/23/95	JJP
Flammability Potential	Neg.		+ or -	ASTM D4982-89	05/18/95	JJP
pH, solid/waste	7.9	0.1	pH units .	30 TAC 335.505 (3)	05/18/95	DJ
Mercury (Hg), extractable, TCLP	<0.002	0.002	mg/L	EPA SW-846 7470	05/26/95	JJP
Metals Digest on Extracted Sample	Completed	,		EPA SW-846 3010	05/23/95	EBS
Zero Headspace Extraction-Volatile	Completed			EPA SW-846 1311	05/22/95	DGP
		,				
		,				
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				1		

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



78408

CORPUS CHRISTI, TX (512) 289-2673

sUB-TYPE solid/waste T/DF: 0.1	ANALYSIS	ANALYZED VALUE (A)	I	ICATES	REFERENCE	ATTN: DAVE STANDARDS	1	MATRIX SPIKES	
NALYSIS GUB-TYPE solid/waste T/DF: 0.1	ANALYSIS I.D.			CATES	KEICKENCE	3 I VUOVVD 3			
sUB-TYPE solid/waste T/DF: 0.1	I.D.		IDUPLICATE	1	l	T		T	<u> </u>
T/DF: 0.1 .cs			VALUE (B)	RPD or (A-B)	TRUE VALUE	PERCENT	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
				NALYZED:05/18 Rence :30 ta)		QC BATCH NUTEO	MBER:98216 CHNICIAN:DJ
	386.14.6 951418-1	7.00 7.89	7.91	0	7.00	100			
mmability Po T/DF:	tential UNITS:+ or		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	NALYZED:05/18 RENCE :ASTM				QC BATCH NU	MBER:98217 CHNICIAN:JJ
I D	951368-1	Pos.	Pos.	.0					
enic (As), e T/DF: 0.05	extractable UNITS:mg/L								IMBER:98243 HNICIAN:JJ
CCV CV IS	0519A Q0495 951417-001	<0.05 5.10 0.99 1.07 <0.05	<0.05	NC	5.00 1.00	102 99	<0.05	1.00	107
									MBER:982430 HNICIAN:JJI
CCV CV IS	0519A 70495 951400-001	<0.05 4.95 1.01 2.00 1.05	1.05	0	5.00 1.00	99 101	1.08	1.00	92
								Contract the contract of the c	MBER:98243 HNICIAN:JJ
CV CV	0519A Q0495	<0.05 5.10 1.03 0.96 <0.05	<0.05	NC NC	5.00 1.00	102 103	<0.05	1.00	96
		TCLP	DATE/TIME AN METHOD REFER	ALYZED:05/23 RENCE : SW-8	/95 14:37 46 6010			000000000000000000000000000000000000000	MBER:98243 HNICIAN:JJI
CV CV IS	0519A Q0495 951417-001	<0.05 5.16 1.05 1.12 0.16	0.17	0.01	5.00 1.00	103 105	0.16	1.00	96
	nic (As), 6 T/DF: 0.05 B CV CV S D T/DF: 0.05 B CV CV S D ium (Cd), 6 T/DF: 0.05 B CV CV S D ium (Cd), 6 T/DF: 0.05 B CV CV S D T/DF: 0.05	nic (As), extractable T/DF: 0.05 UNITS:mg/L B	mic (As), extractable TCLP T/DF: 0.05 UNITS:mg/L B	DATE/TIME AN METHOD REFERENCE	DATE/TIME ANALYZED:05/23 METHOD REFERENCE SW-8	DATE/TIME ANALYZED:05/23/95 14:37 METHOD REFERENCE SW-846 6010	DATE/TIME ANALYZED:05/23/95 14:37 NETHOD REFERENCE : SW-846 6010 Sw-846 6010 S	DATE	Dif

PAGE:3



			A U P	LITY	06/05/95	NCE RE	PORT		-	
JOB NUMBER:	951418	CUSTOME	R: ONSITE T	ECHNOLOGIES	LIMITED		ATTN: DAVE	COX*****		
	ANALYSIS			DUPLICATES		REFERENCE STANDARDS			MATRIX SPIKE	S
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (A-B)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:L REPORTING L	ead (Pb), ex IMIT/DF: 0.0	tractable TCL 5 UNITS:mg/L	P		NALYZED:05/2: RENCE : SW-		-1		777777	UMBER:98243 Chnician:JJ
BLANK	мв	3010	<0.05		· ·					
STANDARD	CCV	0519A	5.21		•	5.00	104			
STANDARD SPIKE	ICV MS	951417-001	1.04 0.91			1.00	104	<0.05	1.00	91
DUPLICATE	MD	951417-001	<0.05	<0.05	NC			\ \(\cdot \)	1.00	"
		, extractable		DATE/TIME AN	NALYZED:05/2	3/95 14:37		1	QC BATCH N	UMBER:98244
REPORTING L	(MIT/DF: 0.0	5 UNITS:mg/L		METHOD REFE	RENCE : SW-1	346 6010				CHNICIAN:JJI
BLANK	МВ	3010	<0.05							
STANDARD	CCV	0519A	5.17		· ·	5.00	103	i	ļ	ĺ
STANDARD SPIKE	ICV MS	951418-001	1.00 1.00	1		1.00	100	<0.05	1.00	100
DUPLICATE	MD	951417-001	<0.05	<0.05	NC			\(\cdot \cdo	1.00	100
		extractable T 5 UNITS:mg/L			IALYZED:05/23 RENCE : SW-8					UMBER:98244 CHNICIAN:JJ
BLANK	МВ	3010	<0.05							
STANDARD Standard	ICA	0519A 70495	5.02 1.03			5.00 1.00	100			
SPIKE	MS	951417-001	0.93			1.00	103	<0.05	1.00	93
DUPLICATE	MD	951417-001	<0.05	<0.05	NC					
		extractable, D2 UNITS:mg/L			ALYZED:05/20 RENCE :EPA S	VIVITANIA NA PARAMANA NA PARAMANA NA PARAMANA NA PARAMANA NA PARAMANA NA PARAMANA NA PARAMANA NA PARAMANA NA P			**************************	UMBER:98258(CHNICIAN:JJ
BLANK	мв	DI H20	<0.002							
STANDARD SPIKE	RS	Bk367 Pg41	0.019		-	0.020	95	.0.000	0.050	400
DUPLICATE	MS MD	951367-1 951367-1	0.050 <0.002	<0.002	NC			<0.002	0.050	100
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(512) 289-2673

1733 NORTH PADRE ISLAND DRIVE CORPUS CHRISTI, TX 78408



QUALITY ASSURANCE REPORT

06/05/95

JOB NUMBER: 951418 CUSTOMER: ONSITE TECHNOLOGIES LIMITED ATTN: DAVE COX******

TCLP SEMIVOLATILES DATE ANALYZED: 05/26/95 TIME ANALYZED: 13:49 METHOD: EPA SW-846 8270 QC NUMBER:982611

		BLAI	ı k s	· · · · · · · · · · · · · · · · · · ·		,
EST DESCRIPTION	ANALY SUB	TYPE ANALYSIS I.D.	DILUTION FACTOR	ANALYZED VALUE	DETECTION LIMIT	UNITS OF MEASUR
,4-Dichlorobenzene	МВ	052495	1	<10	10	ug/l
,4-Dinitrotoluene exachlorobenzene	MB MB	052495 052495	1 1	<10	10	ug/l
exachlorobenzene exachlorobutadiene	MB	052495	1 1	<10 <10	10 10	ug/l ug/l
exachloroethane	MB	052495	1 1	<10	10	ug/l
itrobenzene .	MB	052495	1	<10	10	ug/l
entachlorophenol	MB	052495	1	. <50	50	ug/l
,4,5-Trichlorophenol	MB	052495	1	<10	10	ug/l
,4,6-Trichlorophenol	MB	052495	1 1	· <10	10	ug/l
yridine	MB	052495	1 1	<10	10	ug/l
resols (Total)	МВ	052495	1	<30	30	ug/L
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1733 NORTH PADRE ISLAND DRIVE CORPUS CHRISTI, TX 78408 (512) 289-2673



TCLP SEMIVOLATILES

CORE LABORATORIES

QUALITY ASSURANCE REPORT

06/05/95

JOB NUMBER: 951418 CUSTOMER: ONSITE TECHNOLOGIES LIMITED ATTN: DAVE COX*******

DATE ANALYZED: 05/26/95 TIME ANALYZED: 13:49 METHOD: EPA SW-846 8270 QC NUMBER:982611

MATRIX SPIKES DILUTION PERCENT DETECTION ANALYSIS ANALYSIS **ANALYZED** ORIGINAL SPIKE UNITS OF **TEST** DESCRIPTION SUB-TYPE 1. D. FACTOR **VALUE VALUE ADDED** RECOVERY LIMITS MEASURE 2-Fluorophenol (Surrogate) MB 052495-00 44 0 200 10 ua/l 052495-00 110 BS 1 0 200 55 10 ug/l SS 951418-1 1 130 0 200 65 10 ug/l 951419-1 SS 2000 32 1 650 n 10 ug/l SS 951430-1 680 0 2000 34 10 ug/l 24 SS 951447-1 470 2000 10 1 n ug/l SS 951448-1 880 2000 44 10 ug/l 22 200 MR 052495-00 10 Phenol-d6 (Surrogate) 1 45 n ug/l BS 052495-00 1 120 0 200 60 10 ug/l 951418-1 200 75 10 SS 1 150 O ug/l SS 951419-1 1100 0 2000 55 10 ug/l SS 951430-1 0 2000 47 10 1 940 uq/l SS 951447-1 630 0 2000 32 10 ug/l SS 951448-1 1 1100 0 2000 55 10 uq/l Nitrobenzene-d5 (Surrogate) MB 052495-00 40 0 100 40 10 ug/l 90 BS 052495-00 90 0 100 10 ug/l 1 SS 951418-1 1 80 0 100 80 10 ug/l SS 951419-1 800 0 1000 80 10 ug/l 1 1000 SS 951430-1 600 0 60 10 ug/l 1000 32 10 SS 951447-1 320 0 ug/l 1 SS 951448-1 1 700 0 1000 70 10 ug/l 052495-00 100 30 2-Fluorobiphenyl (Surrogate) MB 30 0 10 ug/l BS 052495-00 0 100 60 10 60 ug/l 951418-1 0 100 60 10 SS 1 60 ug/l 87 951419-1 870 n 1000 10 ug/l SS 1 951430-1 490 1000 49 10 SS 1 ug/l 1000 55 10 SS 951447-1 550 n ug/l 1 SS 951448-1 570 0 1000 57 10 ug/l 052495-00 200 22 10 2,4,6-Tribromophenol(Surrogate MB 43 n ug/l 052495-00 130 0 200 65 10 ug/l 200 75 10 951418-1 1 150 0 ug/l SS 2000 75 ug/l 1500 10 SS 951419-1 1 Λ 951430-1 950 0 2000 48 10 SS 1 ug/l ss 951447-1 n 2000 34 10 670 ug/l 1 60 SS 951448-1 1200 0 2000 10 ug/l Terphenyl-d14 (Surrogate) MR 052495-00 1 40 0 100 40 10 ug/l 80 80 100 10 BS 052495-00 0 ug/l SS 951418-1 1 70 0 100 70 10 ug/l 1000 1000 100 10 ug/l SS 951419-1 1 n SS 951430-1 610 0 1000 61 10 ug/l 580 0 1000 58 10 22 ua/l 951447-1 1 SS 951448-1 1 670 0 1000 67 10 ug/l 052495-00 44 0 250 18 10 ug/l BS 1 1.4-Dichlorobenzene 510 MS 951447-1 1 0 2500 20 10 ug/l 2500 10 MSD 951447-1 1 430 ug/l

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



QUALITY ASSURANCE REPORT

06/05/95

JOB NUMBER: 951418 CUSTOMER: ONSITE TECHNOLOGIES LIMITED ATTN: DAVE COX********

TCLP SEMIVOLATILES DATE ANALYZED: 05/26/95 TIME ANALYZED: 13:49 METHOD: EPA SW-846 8270

QC NUMBER:982611

			MATRI)	(SPI)	(ES				-
TEST DESCRIPTION	ANALYSIS SUB-TYPE	ANALYSIS I. D.	DILUTION FACTOR	ANALYZED VALUE	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY	DETECTION LIMITS	UNITS OF MEASURE
2,4-Dinitrotoluene	BS MS	052495-00 951447-1	1 1	180 1600	0	250 2500	72 64	10 10	ug/l ug/l
Hexach Lorobenzene	MSD BS MS	951447-1 052495-00 951447-1	1 1 1	1600 230 2000	0 0 0	2500 250 2500	64 92 80	10 10 10	ug/l ug/l ug/l
Hexachlorobutadiene	MSD BS MS	951447-1 052495-00 951447-1	1 1 1	1900 23 560	0 0	2500 250 2500	76 9 22	10 10 10	ug/l ug/l ug/l
Hexachloroethane	MSD BS MS	951447-1 052495-00 951447-1	1 1 1	450 21 420	0 0	2500 250 2500	18 8 17	10 10 10	ug/l ug/l ug/l
Nitrobenzene	MSD BS MS	951447-1 052495-00 951447-1	1 1	300 130 1200	0 0	2500 250 2500	12 52 48	10 10 10	ug/l ug/l ug/l
Pentachlorophenol	MSD BS MS	951447-1 052495-00 951447-1	1 1	1200 390 3100	0 0	2500 750 7500	48 52 41	10 50 50	ug/l ug/l ug/l
2,4,5-Trichlorophenol	MSD BS MS	951447-1 052495-00 951447-1	1 1 1	2300 520 3000	0 0	7500 750 7500	31 69 40	50 10 10	ug/l ug/l ug/l
2,4,6-Trichlorophenol	MSD BS MS	951447-1 052495-00 951447-1	1 1	2500 240 1100	0 0	7500 250 2500	33 96 44	10 10 10	ug/l ug/l ug/l
Pyridine	MSD BS MS	951447-1 052495-00 951447-1	1 1	910 440 2900	0 0 0	2500 500 5000	36 88 58	10 10 10	ug/l ug/l ug/l
Cresols (Total)	MSD BS MS MSD	951447-1 052495-00 951447-1 951447-1	1 1 1 1	5200 520 . 5200 4600	0 0 0	750 750 7500 7500	69 69 61	10 30 30 30 30	ug/l ug/L ug/L ug/L
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1733 NORTH PADRE ISLAND DRIVE CORPUS CHRISTI, TX 78408 (512) 289-2673



ASSURANCE QUALITY REPORT

06/05/95

JOB NUMBER: 951418 CUSTOMER: ONSITE TECHNOLOGIES LIMITED ATTN: DAVE COX*****

TCLP Volatiles DATE ANALYZED: 05/31/95 TIME ANALYZED: 11:28 METHOD: EPA SW-846 8260

QC NUMBER:982639

TEST DESCRIPTION	ANALY SUB-TYPE	ANALYSIS I.D.	DILUTION FACTOR	ANALYZED VALUE	DETECTION LIMIT	UNITS OF	MEASURE
Vinyl chloride	мв	052295	1	<5	5	ug/l	
	MB	052295	1	<5	5	ug/l	
	MB	052595	1	<5	5.	ug/l	
	MB	052595	1 1	< 5	5	ug/l	
	MB	053095	l i	< 5	5	ug/l	
1,1-Dichloroethene	MB	052295	l i	<5	5	ug/l	
	MB	052295	l' i	. <5	5 .	ug/l	
	MB	052595	1 1	<5	5	ug/l	
	МВ	052595	1 1	<5	5	ug/l	
	МВ	053095	i	<5	5	ug/l	
Methyl ethyl ketone	MB	052295	1 1	<50	50	ug/l	
natily to confit notono	MB	052295	i i	<50	50	ug/l	
•	MB	052595	1	<50	50	ug/l	
	MB	052595	1 1	<50	50	ug/l	
	MB	053095	1 1	<50	50	ug/l	
Chloroform	MB	052295	1 1	<5	5	ug/l	
Circor or or m	MB	052295	1 1	<5 ·	5	ug/l	
	MB	052595	1 1	<5	5	ug/l	
	MB	052595	1 1	<5	5	ug/l	
	· MB	053095	l i	<5	5	ug/l	
Carbon tetrachloride	MB	052295	1 1	<5	5	ug/l	
	MB	052295	1	<5	5	ug/l	
	MB	052595	1 1	₹ 5	5	ug/l	
	MB	052595	1 1	<5	5	ug/l	
	MB	053095	1 1	<5	5	ug/l	
1,2-Dichloroethane Benzene	MB	052295	i	<5	, š	ug/l	
	MB	052295	i i	<5	5	ug/l	
	MB	052595	1 1	<5	5	ug/l	
	MB	052595	1	<5	s s	ug/l	
	MB	053095	1	<5	5	ug/t	
	MB	052295	1	< 5	5	ug/l	
	MB	052295	1	< 5	5	ug/l	
	MB	052595	i	< 5	5	ug/l	
	MB	052595	1 1	< 5	5	ug/l	
	MB	053095	1	< 5	5	ug/l	
Trichloroethene	MB	052295	i	< 5	5	ug/l	
	MB	052295	1 1	< 5	5	ug/l	
	MB	052595	1	<5	5	ug/l	
	мв	052595	1	<5	5	ug/l	
	мв	053095	1 1	<5	5	ug/l	
Tetrachloroethene	МВ	052295	1	< 5	5	ug/l	
	МВ	052295	1 1	<5	5	ug/l	
	MB	052595	1	< 5	5	ug/l	
	MB	052595	1	<5	5	ug/l	
	MB	053095	1	<5	5	ug/l	
Chlorobenzene	MB	052295	1	< 5	5	ug/l	

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



ASSURANCE REPORT QUALITY 06/05/95

ATTN: DAVE COX***** JOB NUMBER: 951418 CUSTOMER: ONSITE TECHNOLOGIES LIMITED

TCLP Volatiles

DATE ANALYZED: 05/31/95 TIME ANALYZED: 11:28 METHOD: EPA SW-846 8260

QC NUMBER: 982639

		BLAN	IKS			
TEST DESCRIPTION	ANALY SUB-TYPE	ANALYSIS I.D.	DILUTION FACTOR	ANALYZED VALUE	DETECTION LIMIT	UNITS OF MEASUR
	мв	052295	1	<5	5	ug/l
	MB MB	052595 052595	1	<5	5	ug/l
	MB	053095		<5 <5	5 . 5	ug/l ug/l
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1733 NORTH PADRE ISLAND DRIVE CORPUS CHRISTI, TX 78408 (512) 289-2673



QUALITY ASSURANCE

06/05/95

JOB NUMBER: 951418

CUSTOMER: ONSITE TECHNOLOGIES LIMITED

ATTN: DAVE COX******

REPORT

TCLP Volatiles

DATE ANALYZED: 05/31/95 TIME ANALYZED: 11:28 METHOD: EPA SW-846 8260

QC NUMBER: 982639

EST	ANALYSIS	ANALYSIS	DILUTION	ANALYZED	TRUE	PERCENT	DETECTION	
ESCRIPTION	SUB-TYPE	I. D.	FACTOR	VALUE	VALUE	RECOVERY	LIMITS	MEASURE
ibromofluoromethane(Surrogate)	СС	342.74.6	1	44	50	88	4	ug/l
oluene d-8 (Surrogate) -Bromofluorobenzene(Surrogate)	CC CC	342.74.6 342.74.6	1 1	49 52	50 50	98 104	4	ug/l ug/l
inyl chloride	cc	342.74.6	i	106	100	106	5	ug/l
,1-Dichloroethene	CC	342.74.6	1.	106	100	106	5.	ug/l
lethyl ethyl ketone	cc	342.74.6	1	74	100	74	50	ug/l
hloroform	CC	342.74.6	1 !	101	100	101	5	ug/l
Carbon tetrachloride ,2-Dichloroethane	CC	342.74.6 342.74.6	1 1	107 101	100	107 101	5 5	ug/l ug/l
lenzene	cc	342.74.6	1 i	103	100	103	5	ug/l
richloroethene	CC	342.74.6	1	103	100	103	5	ug/l
etrachloroethene	cc	342.74.6	1	122	100	122	5	ug/L
thlorobenzene	cc	342.74.6	1	115	100	115	5	ug/l
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1733 NORTH PADRE ISLAND DRIVE CORPUS CHRISTI, TX 78408 (512) 289-2673



QUALITY

ASSURANCE REPORT

06/05/95

JOB NUMBER: 951418

CUSTOMER: ONSITE TECHNOLOGIES LIMITED

ATTN: DAVE COX*****

TCLP Volatiles

DATE ANALYZED: 05/31/95 TIME ANALYZED: 11:28 METHOD: EPA SW-846 8260

QC NUMBER:982639

EST ESCRIPTION	ANALYSIS SUB-TYPE	ANALYSIS I. D.	DILUTION FACTOR	ANALYZED VALUE	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY		UNITS OF MEASURE
ibromofluoromethane(Surrogate	MB	052295-00	1	520	0	500	104	4	ug/l
ipi olio reasi olic citaric (barrogata	MB	052295-00	l i	510	l o	500	102	4	ug/l
	МВ	052595-00	i i	510	Ō	500	102	4	ug/l
	MB	052595-00	l i	500	Ō	500	100	4	ug/l
	мв	053095-00	l i	470	lo	500	94	4	ug/l
	SS	951400-1	i	500	Ó	500	100	4	ug/l
	SS	951405-1	1	25200	0	25000	101	4	ug/l
•	SS	951418-1	1 1	440	0	500	88	4	ug/l
	SS	951419-1	1 1	236000	0	250000	94	4	ug/l
	SS	951430-1	1	490	0	500	98	4	ug/l
	SS	951447-1	1 1	12500	0	12500	100	4	ug/l
	SS	951448-1	1	490	0	500	98	4	ug/l
	SS	951470-1	1	460	0	500	92	4	ug/l
	SS	951471-1	1 1	24600	0	25000	98	4	ug/l
	SS	951481-1	1	470	0	500	94	4	ug/l
	ss	951484-1	l 1	480	0	500	96	4	ug/l
	SS	951485-1	l i	2420	0	2500	97	4	ug/l
	ss	951487-1	1	2270	0	2500	91	4	ug/l
	SS	951488-1	1 1	2370	0	2500	95	4	ug/l
	ss	951500-1	l 1	460	0	500	92	4	ug/l
luene d-8 (Surrogate)	МВ	052295-00	1	460	0	500	92	4	ug/l
,	MB	052295-00	1	460	0	500	92	4	ug/l
	МВ	052595-00	1	450	0	500	90	4	ug/l
	мв .	052595-00	1 1	460	0	500	92	4	ug/l
	MB	053095-00	1 1	470	0	500	94	4	ug/l
	SS	951400-1	1 1	460	0	500	92	4	ug/l
	SS	951405-1	1 1	22300	0	25000	89	4	ug/l
	ss	951418-1	1	450	0	500	90	4	ug/l
	SS	951419-1	1	222000	0	250000	89	4	ug/l
	SS	951430-1	1	460	0	500	92	4	ug/(
	SS	951432-1	1	11300	0	12500	90	4	ug/l
	SS	951448-1	1	460	0	500	92	4	ug/l
	SS	951470-1	1	460	0	500	92	4	ug/l
	SS	951471-1	1	24500	0	25000	98	4	ug/l
	SS	951481-1	1	440	0	500	88	4	ug/l
•	SS	951484-1	1	440	0	500	88	4	ug/l
	SS	951485-1	1	2320	0	2500	93	4	ug/l
	SS	951487-1	1	2270	.0	2500	91	4	ug/l
	ss	951488-1	1	2440	. 0	2500	98	4	ug/l
	ss	951500-1	1	470	0	500	94	4	ug/l
Bromofluorobenzene(Surrogate	MB	052295-00	1	480	0	500	96	4	ug/l
-	MB	052295-00	1	490	0	500	98	4	ug/l
•	MB	052595-00	1	450	0	500	90	4	ug/l
	MB	052595-00	1	440	0	500	88	4	ug/l
	МВ	053095-00	1 1	450	0	500	90	4	ug/l

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



QUALITY ASSURANCE REPORT

06/05/95

JOB NUMBER: 951418 CUSTOMER: ONSITE TECHNOLOGIES LIMITED ATTN: DAVE COX*****

TCLP Volatiles

DATE ANALYZED: 05/31/95 TIME ANALYZED: 11:28 METHOD: EPA SW-846 8260

QC NUMBER: 982639

DESCRIPTION	SUB-TYPE SS SS SS	951400-1	FACTOR	VALUE				DETECTION	
	SS	951400-1		VALUE	VALUE	ADDED	RECOVERY	LIMITS	MEASURE
	SS SS		1 1	500	0	500	100	4	ug/l
	ISS	951405-1	1 1	24100	0	25000	96	4	ug/l
	111	951418-1	1	450	0	500	90	4	ug/l
	SS	951419-1	1	220000	0	250000	88	4	ug/l
	SS	951430-1	1	360	0	500	72	4	ug/l
	SS .	951447-1	1	12200	0	12500	98	4 .	ug/l
	ss	951448-1	1	450	0	500	90	4	ug/l
	ss	951470-1	1	440	0	500	88	4	ug/l
	SS	951471-1	1	21800	0	25000	87	4	ug/l
	ss	951481-1	1	440	0	500	88	4	ug/l
	SS	951484-1	1 1	440	0	500	88	4	ug/l
	SS	951485-1	1 1	2270	0	2500	91	4	ug/l
	SS	951487-1	1 1	2290	0	2500	92	4	ug/l
	SS	951488-1	1 1	2170	0	2500	87	4	ug/l
	SS	951500-1	1	470	0	500	94	4	ug/l
Vinyl chloride	MS .	951481-1	1	670	0	1000	67	5	ug/l
	MSD	951481-1	1	640	0	1000	64	5	ug/l
1,1-Dichloroethene	MS	951481-1	1	1000	0	1000	100	5	ug/l
	MSD	951481-1	1	960	0	1000	96	5	ug/l
Methyl ethyl ketone	MS	951481-1	1	980	0	1000	98	50	ug/l
	MSD	951481-1	1	850	0	1000	85	50	ug/l
Chloroform	MS	951481-1	1	970	0	1000	97	5	ug/l
	MSD	951481-1	1	930	0	1000	93	5	ug/l
Carbon tetrachloride	MS	951481-1	1	1060	0	1000	106	5	ug/l
	MSD	951481-1	1	990	0	1000	99	5	ug/l
1,2-Dichloroethane	MS	951481-1	1	950	0	1000	95	5	ug/l
	MSD	951481-1	1	920	0	1000	92	5	ug/l
Benzene	MS	951481-1	1	890 .	0	1000	89	5	ug/l
	MSD	951481-1	1	840	0	1000	84	5	ug/l
Trichloroethene	MS	951481-1	1	830	0	1000	83	5	ug/l
	MSD	951481-1	1	790	0	1000	79	5	ug/l
Tetrachloroethene	MS	951481-1	1	2170	970	1000	120	5	ug/l
	MSD	951481-1	1	1960	970	1000	99	5	ug/l
Chlorobenzene	MS	951481-1	1	1020	0	1000	102	5	ug/l
	MSD	951481-1	1	910	0	1000	91	5	ug/l

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



QUALITY ASSURANCE FOOTER

Cited Methods are obtained from the following documents:

EPA 600/2-79-020, Methods for the Analysis of Water and Wastes, March 1983.

USEPA SW-846 3rd. Edition, November 1990 and July 1992 Update, Test Methods for Evaluating Solid Waste.

EPA 600/2-78-054, Field and Laboratory Methods Applicable to Overburdens and Minesoils.

Federal Register, July 1, 1992 (40 CFR Part 136).

Standard Methods for the Examination of Water and Wastewater, 18th Ed. APHA, AWWA, WPCF.

Quality control acceptance criteria are method dependent.

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

Sample IDs with a "-00" at the end indicate a blank spike or blank spike duplicate associated with the numbered sample. NC = Not Calculated due to value at or below detection limit.

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

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

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

SUBCONTRACTED LABORATORY LOCATIONS

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

Core Laboratories :

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

QUALITY ASSURANCE REPORT CODES

BLANKS*	REFERENCE STANDARDS	SPIKES AND	DUPLICATES
••••			

MB = Method Blank RS = Reference Standard MS = Matrix Spike, BS = Blank Spike RB = Reagent Blank CC = Continuing Calib. SS = Surrogate Spike, MD = Matrix Dup. SB = Storage Blank LCS = Laboratory Control Std. PDS= Post Digested Spike

ICB = Initial Calib. Blank

ICV = Initial Calib. Verification

CCB = Continuing Calib. Blank

CCV = Cont. Calib. Verification

PDD= Post Digested Spike

CCV = Cont. Calib. Verification

PDD= Post Digested Duplicate

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

1733 NORTH PADRE ISLAND DRIVE CORPUS CHRISTI, TX 78408 (512) 289-2673 District I - (505) 393-6161 P. O. Box 1980 | \ Hobbs, NM 882411-1980 District II - (505) 748-1283 811 S. First

District II - (505) 748-1283 811 S. First Artesia, NM 88210 Protict III - (505) 334-6178 Rio Brazos Road C.c., NM 87410

District IV - (505) 827-7131

Energy .

New Mexico

derals and Natural Resources

Oil Conservation Division

Oil Conservation Divisio 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131 Form C-138 Originated 3/8/93

> Submit Origina: Plus I Copy to appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE OCO 10
1. RCRA Exempt: Non-Exempt: D. Foust	4. Generator PNM
Verbal Approval Received:/-27-00Yes 2 No	5. Originating Site Grenier 4A
2. Management Facility Destination Tierra land taxm	6. Transporter
3. Address of Facility Operator #420 CR 3100 Azkec	8. State New Mexico
7. Location of Material (Street Address or ULSTR) Grenier 44	Sec 7 7,31N RIIW
9. Circle One: All requests for approval to accept oilfield exempt wastes will be accepted acceptator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accepted. PROVE the material is not-hazardous and the Generator's certification or testing will be approved.	companied by necessary chemical analysis to
All transporters must certify the wastes delivered are only those consigno	ed for transport.
Contaminated Soil From Production	ON CON ON SED ON SERVICE STATE OF SERVIC
SIGNATURE: Down Bound TITLE: Land Fa	perator at the end of the haul) 1,200 by Sam Manager DATE: 1-27-00 SLEPHONE NO. 334-8894
	105 (ST DATE: 1/29/00) 006 MSlector DATE: 1/29/00

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

JENNIFER A. SALISBURY CABINET SECRETARY

GARY E. JOHNSON GOVERNOR

CERTIFICATE OF WASTE STATUS

	······································
1. Generator Name and Address:	2. Destination Name:
Pun	Trenny Landfann
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
Genier 4A	
Sec. 7 T31N R1160 4.	nifm
Attach list of originating sites as appropriate	
4. Source and Description of Waste	
Contaminated soil +	from production pit
Pum Environentul	representative for:
Pum Environmenty	do hereby certify that,
	ry Act (RCRA) and Environmental Protection Agency's July,
	MPT oilfield waste which is non-hazardous by characteristic by product identification
and that nothing has been added to the exempt or no	n-exempt non-hazardous waste defined above.
For NON-EXEMPT waste the following documenta MSDS Information RCRA Hazardous Waste Analysis Chain of Custody	ation is attached (check appropriate items): Other (description):
This waste is in compliance with Regulated Levels of to 20 NMAC 3.1 subpart 1403.C and D.	Naturally Occurring Radioactive Material (NORM) pursuant
Name (Original Signature): Karola A	Dedrik
Title: Field Cond.	
Date: 1/24/00	

District I - (505) 393-6161 P. O. Box 1980 Hobbs, NM 88241-1980 District II - (505) 748-1283 B11 S. First Artesia, NM 88210

Rio Brazos Road

<u> District IV</u> - (505) 827-7131

.c. NM 87410

trict III 5 (505) 334-6178

Energy W.

New Mexico
rals and Natural Resources Dartment
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

(505) 827-7131

Form C-138 Originated 8/8/95

> Submit Original Plus I Copy to appropriate District Office

1. RCRA Exempt: Non-Exempt: No No Survey No Su

3. Address of Facility Operator #420 CR 3100 Aztee 8. State New MExico

7. Location of Material (Street Address or ULSTRYMallon Swd E, B, W, Fl A, G, D,

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.

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:

2. Management Facility Destination Tierra

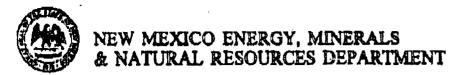
Tank Bottoms



6. Transporter

				William 9	
Estimated Volume -	<i>650 Blobs</i> cy Kn	own Volume (to be er	ntered by the operator	r at the end of the h	aul) <i>76.5 Bbls</i> ,
SIGNATURE:	euul Balling Vaste Management Facilip Kithonz	TITLE	Landtarmi	Manager D.	ATE: 1-24-00
		onaevitz_	TELEPH	IONE NO.	
(This space for	State Use)		A 1		1





OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE 1000 RIG BRAZOS ROAD AZTEC, NEW MEXICO STRIC (008) 334.6176 FER (008)234.6178

GARY E. JOHNSON GOVERNOR

JENNIFER A. SALISBURY CABINET SECRETARY

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address: Mallon Oil Company	2. Destination Name: Tresm Environmental Company
3. Originating Site (name): East Blanco (ompressor station) EBS.W.D./A.G.D.	Location of the Waste (Street address &/or ULSTR): E.B.W. F/ A.6.D.
Attach list of originating sites as appropriate 4. Source and Description of Wasta	
Compressors Lube oil,]	tion sulfides
Print Name)	representative for:
according to the Resource Conservation and Reco 1988, regulatory determination, the above describe	ed waste is: (Check appropriate election)
	CEMPT villiaid waste which is non-hazardous by characteristic or by product identification
For NON-EXEMPT waste the following document MSDS Information RCRA Hazardous Waste Analysis Chain of Custody	ntation is attached ichack appropriate items):Other (description):
This waste is in compliance with Regulated Lavela to 20 NMAC 3.1 subpart 1403.C and D.	of Naturally Occurring Radioactive Material (NORM) pursuant
Name (Original Signature)	
Title: <u>Roduction Supercus</u> Date: 12-30	Soci
Date: 12-30	1.99

DEC-20-38 02:56 PM MALLON OIL COMPANY

202 220 6220

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

January 17, 2000

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

Client No.: 04074-03 Job No.: 407403

Dear Mr. Nobis,

Enclosed are the analytical results for the sample collected from the location designated as "Mallon SWD". One liquid sample was collected by Tierra Environmental designated personnel on 1/13/00, and delivered to the Envirotech laboratory on 1/14/00 for Total Metals RCRA List.

The samples were documented on Envirotech Chain of Custody No. 7600 and assigned Laboratory No. G699 (01) for tracking purposes.

The samples were analyzed on 1/17/00 using USEPA or equivalent methods.

Should you have any questions or require additional information, please do not hesitate to contact us at (505) 632-0615.

Respectfully submitted, **Envirotech. Inc.**

Christine M. Walters

Lab Coordinator / Environmental Scientist

enclosure

CMW/cmw

C:/files/labreportsTierra/.wpd



TRACE METAL ANALYSIS Quality Control / Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	01-17-TM QA/QC	Date Reported:	01-17-00
Laboratory Number:	G699	Date Sampled:	N/A
Sample Matrix:	Loquid	Date Received:	N/A
Analysis Requested:	Trace Metals	Date Analyzed:	01-17-00
Condition:	N/A	Date Digested:	01-17-00

Blank & Duplicate Conc. (mg/L)	Instrument Blank (mg/L)	Method Blank	- Detection Limit	Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	ND	ND	0.001	0.056	0.055	1.8%	0% - 30%
Barium	ND	ND	0.001	0.188	0.186	1.1%	0% - 30%
Cadmium	ND	ND	0.001	0.031	0.030	3.2%	0% - 30%
Chromium	ND	ND	0.001	0.049	0.048	2.0%	0% - 30%
Lead	ND	ND	0.001	0.085	0.084	1.2%	0% - 30%
Mercury	ND	ND	0.001	0.006	0.006	0.0%	0% - 30%
Selenium	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Silver	ND	ND	0.001	0.031	0.032	3.2%	0% - 30%

Spike	Spike	Sample	Spiked	Percent	Acceptance
Conc. (mg/L)	Added		Sample	Recovery	Range
Arsenic	1.00	0.056	1.05	99%	80% - 120%
Barium	1.00	0.188	1.19	100%	80% - 120%
Cadmium	0.500	0.031	0.530	100%	80% - 120%
Chromium	1.00	0.049	1.05	100%	80% - 120%
Lead 🕔	1.00	0.085	1.08	100%	80% - 120%
Mercury	0.500	0.006	0.505	100%	80% - 120%
Selenium	0.500	ND	0.498	100%	80% - 120%
Silver	1.00	0.031	1.03	100%	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 G699.

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

		•	
Client:	Tierra Environmental	Project #:	407403
Sample ID:	01	Date Reported:	01-17-00
Laboratory Number:	G699	Date Sampled:	01-13-00
Chain of Custody:	7600	Date Received:	01-14-00
Sample Matrix:	Liquid	Date Analyzed:	01-17-00
Preservative:	Cool	Date Digested:	01-17-00
Condition:	Cool & Intact	Analysis Needed:	Trace Metals
	Det.		
	Concentration	Limit	
Parameter	(mg/L)	(mg/L)	
Arsenic	0.056	0.001	
Barium	0.188	0.001	
Cadmium	0.031	0.001	
Chromium	0.049	0.001	
Lead	0.085	0.001	

ND - Parameter not detected at the stated detection limit.

References:

Mercury

Selenium

Silver

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

SW-846, USEPA, December 1996.

0.006

0.031

ND

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

Spectorscopy, SW-846, USEPA, December 1996.

Comments:

Mallon SWD.

Analyst

Mister M Calles
Review

0.001

0.001

0.001

obs. NM 88241-1980 rict II - (505) 748-1283

Energy witherals and Natural Resources Department Dil Conservation Division 2040 South Pacheco Street

Submit Origina. Plus I Čopy to appropriate District Office

Originated 3/8/9]

S. First sia, NM 88210 rict III - (505) 334-6178 Rio Brazos Road Santa Fe, New Mexico 87505 (505) 827-7131 .c. NM 87410 rict IV - (505) 827-7131

REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE 0003				
1. RCRA Exempt: Non-Exempt:	4. Generator Burlington Resource				
Verbal Approval Received: Yes No No	5. Originating Site Val Verde Plant				
2. Management Facility Destination Tierra land Farm	6. Transporter Riles Indi				
3. Address of Facility Operator 420 CR 3100 Aztec	8. State New Mexico				
7. Location of Material (Street Address or ULSTR) Val Verde Plant	Secil4 Ti29N RillW				
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 nazardous by listing or testing will be approved. 					
All transporters must certify the wastes delivered are only those consigned	d for transport.				
Waste Management FacilityAdthorized Agent	erator at the end of the haul) Manager DATE: $1-13-00$ EPHONE NO. $334-8844$				
(This space for State Use)					
SPERCYED BY JEMY SE TOUTH TITLE GOOD	15T- 1/20/10				

CERTIFICATE OF WASTE STATUS

. Generator Name and Address:	2. Destination Name:
Burlington Resources 3535 East 30 th Street	Tierra
Farmingto NM 8740]	
Originating Site (name):	Location of the Waste (Street address for
	ULSTR):
Val Verde Plant	Val Vorde Plant
Source and Description of Waste:	
CHARCOAL FILTER FOR FILTERING AMINE	
Bert Gardenhire	representative for:
Burlington Resources	do hereby certify that,
according to the Resource Conservation and Recovery	Act (RCRA) and Environmental Protection Agency's July,
1988, regulatory determination, the above described w	vaste is: (Check the appropriate classi
	MPT oilfield waste which is non-hazardous by characteristic by product identification.
·	
nd that nothing has been added to the exempt or non-en	
For NON-EXEMPT waste only the following documents	ation is attached (thuch appropriate items):
MSDS Information	Other (description):
RCRA Hazardous Waste Analysis	order (description).
Chain of Custody	ta '
Company of the second s	Constitution of the second of
ame (Original Signature): Berf Harbars	a.1.
itle: Maintenance Oper	rney.
nte: Thursday, January 13, 2000	

bbs, NM 88241-1980 trict II - (505) 748-1283 S. First sia, NM 88210 trict III - (505) 334-6178 Rio Brazos Road c. NM 87410

rict IV - (505) 827-7131

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

Submit Origina: Plus I Copy

Originated 3/8/9]

Plus 1 Copy to appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE OOOO/				
1. RCRA Exempt: Non-Exempt: D Foust	4. Generator Budington Resources				
Verbal Approval Received: / 10-00Yes ☑ No ☐	5. Originating Site Mcgrafh 75hD				
2. Management Facility Destination Tierra land Tarm	6. Transporter Rilee Incl.				
3. Address of Facility Operator 420 CR 3/00 A2/ec	8. State New Mexico				
7. Location of Material (Street Address or ULSTR) Mearch #5wn	Sec. 34 T. 30N R. 12W				
9. Circle One:					
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.				
Mud P.t, Sludge	100 N				
	rator at the end of the haul) 1265 Bbls ay				
	PHONE NO. 334-8894				
(This space for State Use)					

TITLE: Deloty od 6 Institute === 1/29/00

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

GARY E. JOHNSON GOVERNOR

JENNIFER A. SALISBURY CABINET SECRETARY

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address:	
1	2. Destination Name:
Burlington Resources	
	Tierra
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
·	
Megrath #4	Sec. 34 T,30NR.12W
Attach list of originating sites as appropriate	
4. Source and Description of Waste	·
Mod pit	5/udge
11	
1, Terry Nelson (Print Name) Burling fon Resource Consequation and Recovery	representative for:
(Print-Name)	- Topicscritative rei.
Burlington Resource	do hereby certify that,
according to the Resource Conservation and Recove 1988, regulatory determination, the above described	Ty Act (NCNA) and Environmental Protection Agency's July,
	, , , , , , , , , , , , , , , , , , , ,
	MPT oilfield waste which is non-hazardous by characteristic
alialysis of	r by product identification
and that nothing has been added to the exempt or no	
and that nothing has been added to the exempt or no	n-exempt non-hazardous waste defined above.
and that nothing has been added to the exempt or no	en-exempt non-hazardous waste defined above.
and that nothing has been added to the exempt or not not not not not not not not not not	n-exempt non-hazardous waste defined above.
and that nothing has been added to the exempt or no	en-exempt non-hazardous waste defined above.
and that nothing has been added to the exempt or not not not not not not not not not not	en-exempt non-hazardous waste defined above.
and that nothing has been added to the exempt or not not not not not not not not not not	ation is attached (check appropriate items): Other (description):
and that nothing has been added to the exempt or not not not not not not not not not not	en-exempt non-hazardous waste defined above.
and that nothing has been added to the exempt or not for NON-EXEMPT waste the following documents MSDS Information RCRA Hazardous Waste Analysis Chain of Custody This waste is in compliance with Regulated Levels of	ation is attached (check appropriate items): Other (description):
and that nothing has been added to the exempt or not for NON-EXEMPT waste the following documents MSDS Information RCRA Hazardous Waste Analysis Chain of Custody This waste is in compliance with Regulated Levels of to 20 NMAC 3.1 subpart 1403.C and D.	ation is attached (check appropriate items): Other (description):
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and that nothing has been added to the exempt or not for NON-EXEMPT waste the following documents MSDS Information RCRA Hazardous Waste Analysis Chain of Custody This waste is in compliance with Regulated Levels of to 20 NMAC 3.1 subpart 1403.C and D. Name (Original Signature):	ation is attached (check appropriate items): Other (description):