

NM1 - 15

C-138

YEAR(S):

2001-1995

District I - (505) 393-6161
P.O. Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

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

Form C-138
Originated 8/8/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator Cimarron Exploration
Verbal Approval Received: Yes ☐ No ☐	5. Originating Site Buckshot Frost lease
2. Management Facility Destination 600-Yea Land farm	6. Transporter Rhino Env.
3. Address of Facility Operator P.O. Box 57180 Albuquerque nm 87124	8. State Nm
7. Location of Material (Street Address or ULSTR) NE 1/4 Block W Public School Land	
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

Tank bottoms and waste oil from
oilfield production operations

Estimated Volume 3000 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: Telisha Parchman TITLE: Office Manager DATE: 10-29-01
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: Telisha Parchman TELEPHONE NO. 505-392-4498

(This space for State Use)
APPROVED BY: [Signature] TITLE: Environmental Engr. DATE: 10-29-01
APPROVED BY: [Signature] TITLE: Environmental Geologist DATE: 10-30-01

El Paso & Son

FROM : RHINO ENVIR

FAX NO. : 5053929376

Oct. 29 2001 01:58PM P2

CERTIFICATE OF WASTE STATUS

1. Generator (Name) Address: Cimarron Exploration Co. P.O. Box 1592 Roswell, NM 88202	2. Location (Street Address &/or ULSTR) NE/4 4 Block W Public School Land
3. Originating Site (Name): Buckshot Frost Lease Cochran County, Texas	4. Destination Name: Goo-yea Land Farm 5 Miles North of Bronco, Texas

5. Source and Description of Waste: Tank Bottoms and Waste Oil From Oilfield Production Operations.

I, Richard C. Gilliland representative
for

Cimarron Exploration Company. do hereby
certify

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

 EXEMPT oilfield waste

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

For Non-exempt waste only the following documentation is attached
(check appropriate item)

 MSDS Information
 RCRA TCLP Analysis
 Chain of Custody
 Other (Description)

Name: (Signature) Richard C. Gilliland

Printed Name: RICHARD C. GILLILAND

Title: VICE PRESIDENT

Date: 29-Oct-01

Attach list of originating sites as appropriate.



RHINO ENVIRONMENTAL SERVICES, INC.

To: Martyne J. Kieling

Re: Lab Reports

The first TCLP results from Anachem was collected from a worse case area.

The second sample was representative of the entire waste stream. Sample was composed of a six point grab.

**ANACHEM INC.**

8 Prestige Circle, Suite 104 Allen, Texas 75002
972/727-9003 • FAX # 972/727-9888 • 1-800-968-1186

October 16, 2001

Daniele Berardelli
Rhino- El Paso
200 Sunset Dr.
Suite D
El Paso, TX 79922
TEL: 915-842-9911 915-842-9933

Work Order: 0110115
Project: Cimarron Exploration

Dear Client:

Anachem, Inc. received 1 sample on 10/09/2001 for the analyses presented in the following report.

The samples were analyzed for the following tests:

Corrosivity (EPA 9040)
Ignitability - Solid(1030)
Reactivity (Full)
TCLP MERCURY (EPA 7470)
Tclp Mercury Prep
Tclp Metals Prep
TCLP RCRA Metals (EPA 6010)
Arsenic
Barium
Cadmium
Chromium
Lead
Selenium
Silver
TCLP Sample Prep (Metals)
TCLP Sample Prep (Organics)
TCLP Semivolatiles-SOIL
TCLP Volatiles - Solid
TCLP ZHE (Volatile Extraction)

NOTE: Submitted material will be retained for 60 days unless notified or consumed in analysis. Material determined to be hazardous will be returned. The use of our name and reports are for the exclusive use of the client to whom they are addressed. The use of our name must receive our prior written approval. Our letters and reports apply to the sample tested and/or inspected, and are not necessarily indicative of the qualities of apparently identical or similar materials.

011 To 0110115-01A

Page 1 Of 6

Visit us on the internet at <http://www.anachem.com>

**ANACHEM INC.**

8 Prestige Circle, Suite 104 Allen, Texas 75002
972/727-9003 • FAX # 972/727-9886 • 1-800-668-1186

October 16, 2001

Daniele Berardelli

Rhino- El Paso

Work Order: 0110115

Project: Cimarron Exploration

TPH by Texas 1005 - Solid

Respectfully Submitted,
Anachem, Inc.

Howard H. Hayden, B.S.
Chemist

NOTE: Submitted material will be retained for 60 days unless notified or consumed in analysis. Material determined to be hazardous will be returned. The use of our name and reports are for the exclusive use of the client to whom they are addressed. The use of our name must receive our prior written approval. Our letters and reports apply to the sample tested and/or inspected, and are not necessarily indicative of the qualities of apparently identical or similar materials.

011 To 0110115-01A

Page 2 Of 6

Visit us on the Internet at <http://www.anachem.com>

Anachem, Inc.

Date: 16-Oct-01

CLIENT:	Rhino- El Paso	Client Sample ID:	Sample 1
Work Order:	0110115	Location:	Buckshot Frost Lease, Cochran, Co.,
Project:	Cimarron Exploration	Collection Date:	
Lab ID:	0110115-01A	Matrix:	SOLID

Analyses	Result	Limit	Units	Date Analyzed
CORROSIVITY (EPA 8040)				
BatchID: R13637			Prep Date:	Analyst: MB
pH	7.2	0.005	pH Units	10/09/2001
IGNITABILITY - SOLID(1030)				
BatchID: R13638			Prep Date:	Analyst: MB
Ignitability	ND	0		10/09/2001
Burns but does not ignite in an open flame.				
REACTIVITY (FULL)				
BatchID: R13766			Prep Date:	Analyst: Sub
Cyanide, Reactive	ND	1	mg/Kg	10/13/2001
Reactivity to Acid	ND	0	mg/Kg	10/13/2001
Reactivity to Air	ND	0	mg/Kg	10/13/2001
Reactivity to Alkali	ND	0	mg/Kg	10/13/2001
Reactivity to Water	ND	0	mg/Kg	10/13/2001
Sulfide, Reactive	30	4	mg/Kg	10/13/2001
TCLP MERCURY (EPA 7470)				
BatchID: 13671			Prep Date: 10/10/2001 12:0	Analyst: tp
Mercury	ND	0.005	mg/L	10/10/2001
TCLP RCRA METALS (EPA 6010)				
BatchID: 13670			Prep Date: 10/10/2001 12:0	Analyst: tp
Arsenic	ND	0.4	mg/L	10/10/2001
Barium	1.1	0.05	mg/L	10/10/2001
Cadmium	ND	0.03	mg/L	10/10/2001
Chromium	ND	0.03	mg/L	10/10/2001
Lead	ND	0.2	mg/L	10/10/2001
Selenium	ND	0.4	mg/L	10/10/2001
Silver	ND	0.06	mg/L	10/10/2001
TCLP SEMIVOLATILES-SOIL				
BatchID: R13768			Prep Date: 10/12/2001	Analyst: HH
2,4,5-Trichlorophenol	ND	0.1	mg/L	10/16/2001
2,4,6-Trichlorophenol	ND	0.1	mg/L	10/16/2001
2,4-Dinitrotoluene	ND	0.1	mg/L	10/16/2001
Cresols, Total	ND	1	mg/L	10/16/2001
Hexachlorobenzene	ND	0.1	mg/L	10/16/2001
Hexachlorobutadiene	ND	0.1	mg/L	10/16/2001
Hexachloroethane	ND	0.1	mg/L	10/16/2001
Nitrobenzene	ND	0.1	mg/L	10/16/2001
Pentachlorophenol	ND	0.1	mg/L	10/16/2001
Pyridine	ND	0.1	mg/L	10/16/2001

Qualifiers: ND - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank

Anachem, Inc.

Date: 16-Oct-01

CLIENT:	Rhino- El Paso	Client Sample ID:	Sample 1
Work Order:	0110115	Location:	Buckshot Frost Lease, Cochran, Co.,
Project:	Cimarron Exploration	Collection Date:	
Lab ID:	0110115-01A	Matrix:	SOLID

Analyses	Result	Limit	Units	Date Analyzed
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TCLP VOLATILES - SOLID

Prep Date:

Analyst: MC

BatchID: R13690

1,1-Dichloroethene	ND	0.1	mg/L	10/10/2001
1,2-Dichloroethane	ND	0.1	mg/L	10/10/2001
1,4-Dichlorobenzene	ND	0.1	mg/L	10/10/2001
2-Butanone	ND	0.1	mg/L	10/10/2001
Benzene	1.5	0.1	mg/L	10/10/2001
Carbon tetrachloride	ND	0.1	mg/L	10/10/2001
Chlorobenzene	ND	0.1	mg/L	10/10/2001
Chloroform	ND	0.1	mg/L	10/10/2001
Tetrachloroethene	ND	0.1	mg/L	10/10/2001
Trichloroethane	ND	0.1	mg/L	10/10/2001
Vinyl chloride	ND	0.1	mg/L	10/10/2001

TPH BY TEXAS 1005 - SOLID

Prep Date: 10/09/2001

Analyst: HH

BatchID: R13642

T/R Hydrocarbons: C6-C12	1800	25	mg/Kg	10/09/2001
T/R Hydrocarbons: C12-C28	21000	25	mg/Kg	10/09/2001
T/R Hydrocarbons: C28-C35	34000	25	mg/Kg	10/09/2001
T/R Hydrocarbons: C6-C35 (Total)	56900	25	mg/Kg	10/09/2001

Qualifiers: ND - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank

Anachem, Inc.

Date: 16-Oct-01

CLIENT: Rhino- El Paso
Work Order: 0110115
Project: Cimarron Exploration

QC SUMMARY REPORT

TCLP RCRA Metals (EPA 6010)

BatchID: 13670	Units: mg/L	Analysis Date: 10/10/2001					
Analyte	SPK value	REC 1	REC 2	LowLimit	HighLimit	%RPD	RPDLimit
Arsenic	2	91.1%	90.8%	75%	125%	0.3%	15
Barium	2	95.9%	96.7%	75%	125%	0.9%	15
Cadmium	2	101.6%	96.2%	75%	125%	5.7%	15
Chromium	2	97.8%	92.0%	75%	125%	5.9%	15
Lead	2	91.9%	90.5%	75%	125%	1.5%	15
Selenium	2	100.5%	98.3%	75%	125%	2.2%	15
Silver	1	88.7%	84.6%	75%	125%	5.9%	15

Anachem, Inc.

Date: 16-Oct-01

CLIENT: Rhino- El Paso
 Work Order: 0110115
 Project: Cimarron Exploration

QC SUMMARY REPORT

TCLP MERCURY (EPA 7470)

BatchID: 13671	Units: mg/L	Analysis Date: 10/10/2001					
Analyte	SPK value	REC 1	REC 2	LowLimit	HighLimit	%RPD	RPDLimit
Mercury	5	94.7%	92.9%	75%	125%	1.9%	15

TPH by Texas 1005 - Solid

BatchID: R13642	Units: mg/Kg	Analysis Date: 10/09/2001					
Analyte	SPK value	REC 1	REC 2	LowLimit	HighLimit	%RPD	RPDLimit
T/R Hydrocarbons: C6-C12	500	104.2%	105.0%	75%	125%	0.8%	20
T/R Hydrocarbons: C12-C28	500	110.0%	110.8%	75%	125%	0.7%	20

Volatiles by EPA 8260 - Aqueous

BatchID: R13690	Units: µg/L	Analysis Date: 10/10/2001					
Analyte	SPK value	REC 1	REC 2	LowLimit	HighLimit	%RPD	RPDLimit
1,1-Dichloroethene	20	89.8%	82.3%	20%	234%	8.4%	25
Benzene	20	103.5%	99.4%	37%	151%	4.1%	25
Chlorobenzene	20	108.1%	109.8%	37%	160%	1.5%	25
Toluene	20	107.9%	103.1%	47%	150%	4.8%	25
Trichloroethene	20	102.6%	100.5%	71%	157%	2.1%	25

Semivolatiles by EPA 8270 - Aqueous

BatchID: R13768	Units: µg/L	Analysis Date: 10/16/2001					
Analyte	SPK value	REC 1	REC 2	LowLimit	HighLimit	%RPD	RPDLimit
2-Chlorophenol	100000	78.7%	87.2%	23%	145%	21.0%	31
Acenaphthene	50000	80.8%	88.2%	47%	145%	19.4%	31
Phenol	100000	71.8%	80.2%	10%	120%	23.0%	42
Pyrene	50000	65.3%	83.6%	52%	125%	23.8%	31

10/16/01 16:21 FAX 972727988

ANACHEM INC
FROM SHERRI HUGHES

TO VELDA EMBREY

007/008

PAGE 3 OF 4

Environmental LaboratoriesBethany Tech Center • Suite 190
400 W. Bethany Rd. • Allen, Texas 75013

October 16, 2001

Page 1 of 1

REPORT OF: Solid Waste Analysis

REPORT TO: Ms. Velda Embrey
Anachem, Inc.
8 Prestige Circle, #104
Allen, Texas 75002

SAMPLE ID: 0110115-01A

SAMPLE RECEIVED: October 09, 2001
TIME RECEIVED: 3:00PM
SAMPLE COLLECTED BY: Customer

SAMPLE NUMBER: 196493

RESULTS:

<u>Parameter</u>	<u>Regulatory Limits</u>	<u>Detection Limits</u>	<u>Observed Concentration</u>
REACTIVITY			
Cyanides, mg/kg	≤250	1.0	BDL*
Sulfides, mg/kg	≤500	4.0	30

Quality Control Information

<u>Parameter</u>	<u>EPA* Method</u>	<u>C.V.%</u>	<u>Standard Deviation</u>	<u>Spike Recovery%</u>	<u>Date of Analyses</u>	<u>Time of Analyses</u>	<u>Analyst</u>
Reactivity							
Cyanides	7.3.3.2	0.0	± 0.000	30	10/13/01	9:45AM	R. Shah
Sulfides	7.3.4.2	0.0	± 0.000	92	10/13/01	9:45AM	R. Shah

* BDL = Below Detection Limit.

• EPA. 1988. Test Methods for Evaluating Solid Waste. SW-846, 3rd Edition.

Respectfully submitted,

*Kendall K. Brown*Kendall K. Brown
PresidentPrepared By S. Doster
Initial Review By Sherri Hughes
Final Review By Dr. Phil Clancy

Local: (972) 727-1123

Long Distance: (800) 228-ERMI

FAX: (972) 727-1175

10/18/01 18:22 FAX 972727968

ANACHEM INC

008/008

Purchase Order/Chain Of Custody

Anachem, Inc. 6 Prestige Circle, Suite 104, Allen, TX 75002 Phone: 972-727-9003 Fax: 972-727-9686

Page 1 of 1

Report To: <u>Danielle Berardale</u>		Bill To: <u>Buyer</u>		Rhino Env.	
Company: <u>Rhino Env.</u>		Purchase Order #:			
Address: <u>300 Sunset Drive</u>		Address: <u>P.O. Box 57180</u>			
City, State, Zip: <u>Suite D</u>		City, State, Zip: <u>Albuquerque, NM</u>			
City, State, Zip: <u>El Paso, TX 79922</u>		City, State, Zip: <u>87124</u>			
Phone: <u>915-821-2033</u> Fax: <u>915-842-9933</u>		Phone: <u>505-247-4646</u> Fax: <u>505-777-4874</u>			
Project Name: <u>Cimarron Exploration</u>		Quote #:			
Project Location: <u>Buckshot Frost lease</u>		City, State: <u>Cochran, CO TX</u>			
Date Due: <u>Request 0% 25% 50% 100% Sampled By:</u>					
Lab#	Client Sample ID	Matrix	Date/Time	Sample Notes	
0110115-01	1. Sample 1 - 4 Jars				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				
	10				
Requested By: <u>Danielle Berardale</u>	Date: <u>10-8-01</u>	Time: <u>17:00</u>	Received By: <u>[Signature]</u>	Date: <u>10/9/01</u>	Time: <u>9:00 AM</u>
In the event that Anachem determines that a sample is hazardous, the client agrees to: Pay For Sample Disposal _____ Accept Returned Sample _____ <u>Paul [Signature]</u>					
Work Order #: <u>0110115</u>					

010 REC 1/00

Sample information is vital for proper login and reporting. This is a contract subject to the terms and conditions on the reverse side.



PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
RHINO ENVIRONMENTAL
ATTN: MIKE GILBERT
4007 LOVINGTON HWY.
HOBBS, NM 88240
FAX TO: (505) 392-9376

Receiving Date: 10/25/01
Reporting Date: 10/26/01
Project Number: NOT GIVEN
Project Name: CIMARRON
Project Location: BUCKSHOT FROST
Lab Number: H6242-1
Sample ID: #1 ONE JAR

Analysis Date: 10/26/01
Sampling Date: 10/25/01
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: GP
Analyzed By: BC

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result	Method Blank	QC	%Recov.	True Value QC
Benzene	0.5	0.103	<0.005	0.106	106	0.100

% RECOVERY

Dibromofluoromethane	10
Toluene-d8	103
Bromofluorobenzene	99

METHODS: EPA SW 846-8260, 1311


Burgess A. Cooke, Ph. D.

10/26/01
Date



CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 1

ANALYSIS REQUEST

Company Name: Rhino Environmental

Project Manager: Mike Gilbert

Address: 4007 Lovington Hwy

City: Hobbs

Phone #: 505-392-4498

Fax #: 505-392-9376

Project #: 11/10

Project Owner: Cardinal

Project Location: Buckshot Frost

FOR LAB USE ONLY

LAB I.D. Sample I.D.

(G)RAB OR (C)OMP. # CONTAINERS
GROUNDWATER
WASTEWATER
SOIL
OIL
SLUDGE
OTHER :
ACID:
ICE / COOL
OTHER :

DATE TIME

TCLP Benzene

PLEASE NOTE: Liability and Damages. Cardinal's liability and ability to recover is limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collection, including attorney's fees.

REMARKS: Phone Result: Yes No Additional Fax #: Yes No

Relinquished By: Mike Gilbert

Date: 10-25-01
Time: 10:30

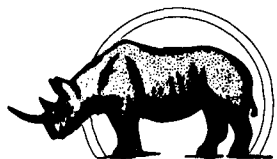
Received By: Lab Staff

Delivered By: (Circle One)

Sample Condition: Cool Intact
☒ Yes ☐ No

CHECKED BY: (Initials)

† Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.



RHINO

Environmental Services, Inc.

P.O. Box 25547 • Albuquerque, New Mexico 87125

Phone (505) 247-4646 • Fax (505) 797-4874

October 29, 2001

NM Oil Conservation Division
1220 S. St. Frances Dr.
Santa Fe, New Mexico 87505

ATTN: Martyne J. Kieling

Mrs. Kieling:

Enclosed you will find the Original C-138 for approval. I am also enclosing a copy of the Certificate of Waste Status, a copy of the Anachem Report, (original to follow) and the original report from Cardinal Lab. Please expedite as soon as possible. If you should have any questions, please feel free to call me.

Thank You,

Telisha Parchman

Enclosures: as stated

DBGarrabelli @ Hot Mail.com

District I - (505) 393-6161
P.O. Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1283
81 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

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

Form C-138
Originated 8/8/95

Submit Original
Plus 1 Copy
to appropriate
District Office

RECEIVED

JUN 01 1998

Environmental Bureau

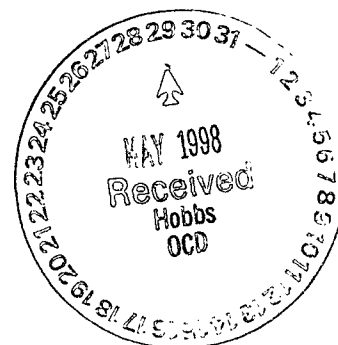
Oil Conservation Division

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator <u>Sierra Well Svc., Inc.</u>
Verbal Approval Received: Yes ☐ No ☐	5. Originating Site <u>2726 Lovington Hwy</u> <u>Hobbs, NM</u>
2. Management Facility Destination <u>Goo Yea Commercial Landfarm</u>	6. Transporter <u>CSI</u>
3. Address of Facility Operator <u>5 CR 606S, Farmington, NM 87401</u>	8. State <u>NM</u>
7. Location of Material (Street Address or ULSTR)	<u>2726 Lovington Hwy</u>
9. <u>Circle One:</u> A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

Motor oil contaminated soil.



Estimated Volume 50 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: [Signature] TITLE: Manager DATE: 5/26/98
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: Dantele Berardelli TELEPHONE NO. (505) 598-9626
Fx: (505) 598-9627

(This space for State Use)
APPROVED BY: [Signature] TITLE: EMM EMM DATE: 5/29/98
APPROVED BY: [Signature] TITLE: Env Geologist DATE: 6/2/98



CERTIFICATE OF WASTE STATUS

1. Generator (Name): Address: SIERRA WELL SERVICE, INC 2726 LOVINGTON HWY. HOBBS, NM 88240	3. Location (Street Address &/or ULSTR): 2726 LOVINGTON HWY. HOBBS, NM 88240
2. Originating Site (Name): SAME ABOVE	4. Destination Name: GOO-YEA LANDFARM, INC. P.O. BOX 2327 HOBBS, NM 88241

5. Source and Description of Waste
MOTOR OIL

I, HARRY TEAGUE representative for: _____
SIERRA WELL SERVICE, INC do hereby certify
that according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection
Agency's July, 1988 regulatory determination, the above described waste is: (Check appropriate
classification)

☐ EXEMPT oilfield waste

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

For Non-exempt waste only the following documentation is attached (check appropriate items):

☐ MSDS Information
☒ RCRA TCLP Analysis
☒ Chain of Custody
☐ Other (Description)

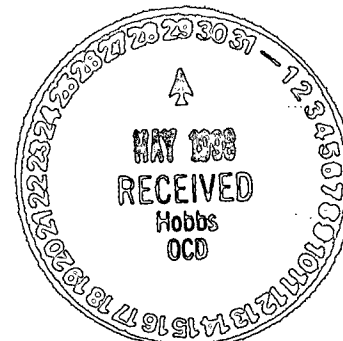
Name (Signature): *Harry Teague*

Printed Name: HARRY TEAGUE

Title: DISTRICT MANAGER

Date: APRIL 23, 1998

Attach list of originating sites as appropriate.





RHINO ENVIRONMENTAL SERVICES, INC.

GENERATOR'S WASTE PROFILE SHEET

Waste Generator Information

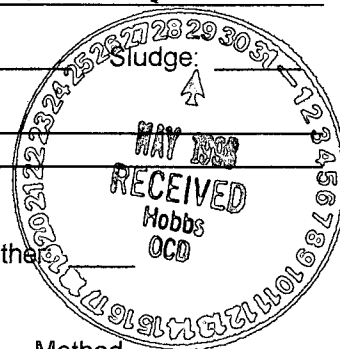
1. Generator's Name: SIERRA Well Service 2. SIC Code: _____
3. Generator's Address: 2726 LOUGHTON HWY, Hobbs, NM 88241
4. Site Address: SAME
5. LUST #: _____ 6. USEPA/Federal ID #: _____ 7. State ID#: _____
8. Technical Contact: HARRY TIEB 9. Phone: 505-392-6969

Waste Stream Information

1. Type of Contaminant: Gasoline _____ Diesel X Waste Oil X Other _____
2. Process Generating Waste: OPERATION OF WELL SERVICE CO.
3. Projected Volume: 50 CYDS 4. Soil: X Water: _____ Sludge: _____
5. Special Instructions/Supplemental Information: _____

Waste Soil / Water Properties

1. Type of Soil - Sand: X Gravel: X Sandy Loam: _____ Clay: _____ Other: _____
2. Analytical Data - BTEX: ND ppm, Method _____
TPH: _____ ppm, Method _____
TCLP: YES Method _____ Other: _____ Method _____



Representative Sample Certification

1. Sampler's Name: ALLAN HODGE 2. Sample Date: 3-18-98
3. Sampler's Title: VP OPERATIONS 4. Sampler's Employer: WSC
5. Sampler's Signature: [Signature]
6. Analytical Data Enclosed (inclusive of quality control data and COC) - Yes: X No: _____

Generator Certification

By signing this profile sheet, the generator certifies that:

1. This waste is not a "Hazardous Waste" as defined by USEPA and/or the state/province.
2. This waste does not contain regulated radioactive materials or regulated concentrations of PCBs (polychlorinated Biphenyls).
3. This sheet and attachments contain true and accurate descriptions of the waste material. All relevant information regarding known or suspected hazards in the possession of the Generator has been disclosed.
4. The analytical data presented herein or attached hereto were derived from testing representative samples taken in accordance with 40 CFR 261.20(c) or equivalent rules.
5. If any changes occur in the character of the waste, the Generator shall notify the Contractor prior to providing the waste to the Contractor.

Signature: _____

Printed Name: ALLAN HODGE

Title: VP OPERATIONS

Date: 4-7-98



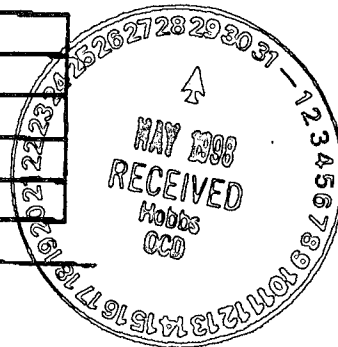
ANALYTICAL RESULTS FOR

Western Environmental
P.O. Box 1816
Hobbs, NM 88240

Name of Collector : Allen Hodge

ASSIGNED TRANS-ENVIRO #	CUSTOMER ID	SAMPLE MATRIX	SITE, DATE & TIME OF COLLECTION
980320-07-A	Stock Piled Soils	Soil	Old Sierra Yard 2726 Lovington Hwy. Hobbs, NM 3/18/98 8:00 am PO 980318-AH

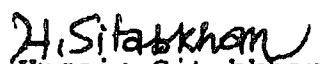
Post-it® Fax Note	7871	Date	4-1-98	# of pages	▶
To	Allen Hodge	From	He Lan		
Cb./Dept.		Co.			
Phone #		Phone #			
Fax #		Fax #			



Laboratory Information : Sample was refrigerated upon receipt
and analyzed as received.

Released by:
TRANS-ENVIRO ANALYTICAL SERVICES, INC.


Mark Kalmeyer
Lab Manager


Husein Sitabkhan
President/Lab Director

Date : 04/01/98

Date Received : 03/20/98

Date Extracted: 03/24/98

Date Analyzed : 03/25-30/98

Analysis For : Western Environmental

TRANS-ENVIRO # : 980320-07-A

Customer I.D. : Stock Piled Soils

TCLP CONTAMINANTS

<u>PARAMETER/(EPA HW No.¹)</u>	<u>DL mg/L</u>	<u>RL mg/L</u>	<u>RESULTS mg/L</u>
Benzene (D018)	0.05	0.5	BDL
Carbon tetrachloride (D019)	0.05	0.5	BDL
Chlorobenzene (D021)	0.05	100.0	BDL
Chloroform (D022)	0.05	6.0	BDL
o-Cresol (D023)	0.1	200.0	BDL
m-Cresol (D024)	0.1	200.0	BDL
p-Cresol (D025)	0.1	200.0	BDL
Cresol (D026)	0.1	200.0	BDL
1,4-Dichlorobenzene (D027)	0.05	7.5	BDL
1,2-Dichloroethane (D028)	0.05	0.5	BDL
1,1-Dichloroethylene (D029)	0.05	0.7	BDL
2,4-Dinitrotoluene (D030)	0.1	0.13	BDL
Hexachlorobenzene (D032)	0.1	0.13	BDL
Hexachlorobutadiene (D033)	0.1	0.5	BDL
Hexachloroethane (D034)	0.1	3.0	BDL
Methyl ethyl ketone (D035)	0.5	200.0	BDL
Nitrobenzene (D036)	0.1	2.0	BDL
Pentachlorophenol (D037)	0.5	100.0	BDL
Pyridine (D038)	0.1	5.0	BDL
Tetrachloroethylene (D039)	0.05	0.7	BDL
Trichloroethylene (D040)	0.05	0.5	BDL
2,4,5-Trichlorophenol (D041)	0.1	400.0	BDL
2,4,6-Trichlorophenol (D042)	0.1	2.0	BDL
Vinyl chloride (D043)	0.05	0.2	BDL

DL = Detection Limit
 RL = Regulatory Limit

BDL = Below Detection Limit
 1 = Hazardous Waste Number

Method : EPA SW 846(8260,8270,1311)

**TRANS-ENVIRO ANALYTICAL SERVICES, INC.**

19701 SOUTH MILES ROAD, WARRENSVILLE HEIGHTS, OHIO 44128

TEL: (216) 883-0868 • FAX: (216) 883-0656

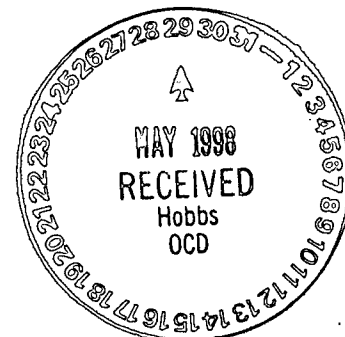
SURROGATE RECOVERIES

TRANS-ENVIRO # : 980320-07-A

Customer I.D. : Stock Piled Soils

<u>SURROGATE</u>	<u>% RECOVERY</u>	<u>% ACCEPTABLE LIMITS</u>
Volatile Organic Compounds		
Dibromofluoromethane	98	86 - 118
Toluene-d8	107	88 - 110
Bromofluorobenzene	99	86 - 115
Semi-Volatile Organic Compounds		
Nitrobenzene-d5	63	35 - 114
2-Fluorobiphenyl	49	43 - 116
Terphenyl-d14	68	33 - 141
2-Fluorophenol	108*	25 - 100
Phenol-d6	69	11 - 94
2,4,6-Tribromophenol	73	16 - 123

* Surrogate out of acceptable limit range but within 10% of the true value.

**TRANS-ENVIRO ANALYTICAL SERVICES, INC.**

19701 SOUTH MILES ROAD, WARRENSVILLE HEIGHTS, OHIO 44128
TEL: (216) 663-0808 • FAX: (216) 663-0656

Date : 04/01/98

Date Received : 03/20/98

Date Extracted : 03/24/98

Date Analyzed : 03/27/98

Analysis For : Western Environmental

TRANS-ENVIRO # : 980320-07-A

Customer I.D. : Stock Piled Soils

**CHARACTERISTIC of TCLP
METALS**

<u>ELEMENT/(EPA HW No.¹)</u>	<u>DL mg/L</u>	<u>RL mg/L</u>	<u>RESULTS mg/L</u>
Arsenic (D004)	0.336	5.0	BDL
Barium (D005)	0.015	100.0	1.32
Cadmium (D006)	0.027	1.0	BDL
Chromium (D007)	0.026	5.0	BDL
Lead (D008)	0.136	5.0	BDL
Mercury (D009)	0.0002	0.2	0.0003
Selenium (D010)	0.397	1.0	BDL
Silver (D011)	0.009	5.0	BDL

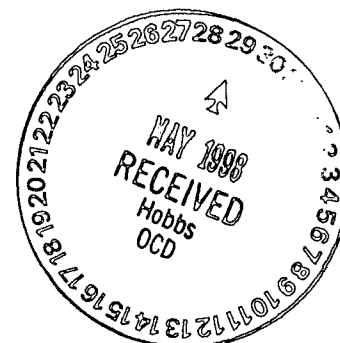
RL = Regulatory Limit

DL = Detection Limit

BDL = Below Detection Limit

1 = Hazardous Waste Number

Methods : Extraction - EPA SW 846(1311)
Mercury - EPA SW 846(7470)
Other metals - EPA SW 846(6010)

**TRANS-ENVIRO ANALYTICAL SERVICES, INC.**

19701 SOUTH MILES ROAD, WARRENSVILLE HEIGHTS, OHIO 44128
TEL: (216) 883-0808 • FAX: (216) 883-8888

Date : 04/01/98

Date Received : 03/20/98

Date Analyzed : 03/25/98

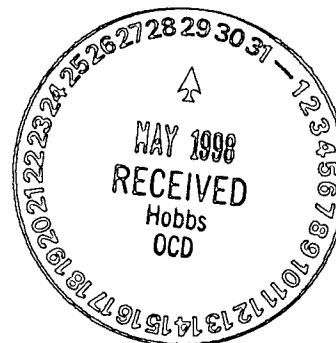
Analysis For : Western Environmental

TRANS-ENVIRO # : 980320-07-A

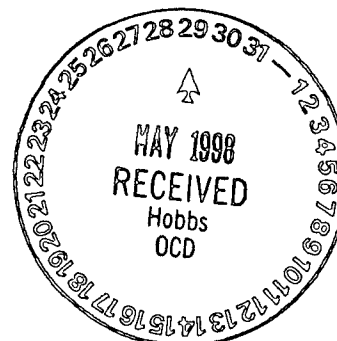
Customer I.D. : Stock Piled Soils

<u>(EPA HW No.¹) / PARAMETER</u>	<u>TEST METHOD</u>	<u>DL</u>	<u>RL</u>	<u>RESULTS</u>
(D001) Ignitability (Flash-point)	SW 846(1010)	N.A.	<140°F	>200°F
(D002) pH (leachable)	SW 846(9045)	N.A.	≤2 or ≥12.5	8.59 s.u.
(D003) Reactive Cyanide	SW 846(9010)	0.5 mg/Kg	250 mg/Kg	BDL
(D003) Reactive Sulfide	SW 846(9030)	50 mg/Kg	500 mg/Kg	BDL

N.A. = Not Applicable
BDL = Below Detection Limit
DL = Detection Limit
RL = Regulatory Limit
1 = Hazardous Waste Number



QUALITY CONTROL REPORT



TRANS-ENVIRO ANALYTICAL SERVICES, INC.

19701 SOUTH MILES ROAD, WARRENSVILLE HEIGHTS, OHIO 44128
TEL: (216) 663-0808 • FAX: (216) 663-0656

METHOD BLANK

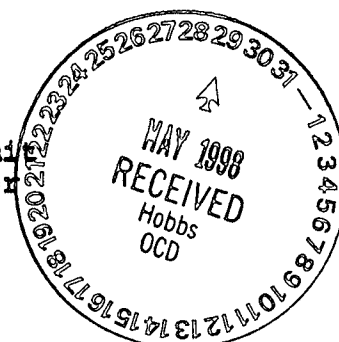
TCLP CONTAMINANTS

<u>PARAMETER/(EPA HW No.¹)</u>	<u>DL mg/L</u>	<u>RL mg/L</u>	<u>RESULTS mg/L</u>
Benzene (D018)	0.05	0.5	BDL
Carbon tetrachloride (D019)	0.05	0.5	BDL
Chlorobenzene (D021)	0.05	100.0	BDL
Chloroform (D022)	0.05	6.0	BDL
o-Cresol (D023)	0.1	200.0	BDL
m-Cresol (D024)	0.1	200.0	BDL
p-Cresol (D025)	0.1	200.0	BDL
Cresol (D026)	0.1	200.0	BDL
1,4-Dichlorobenzene (D027)	0.05	7.5	BDL
1,2-Dichloroethane (D028)	0.05	0.5	BDL
1,1-Dichloroethylene (D029)	0.05	0.7	BDL
2,4-Dinitrotoluene (D030)	0.1	0.13	BDL
Hexachlorobenzene (D032)	0.1	0.13	BDL
Hexachlorobutadiene (D033)	0.1	0.5	BDL
Hexachloroethane (D034)	0.1	3.0	BDL
Methyl ethyl ketone (D035)	0.5	200.0	BDL
Nitrobenzene (D036)	0.1	2.0	BDL
Pentachlorophenol (D037)	0.5	100.0	BDL
Pyridine (D038)	0.1	5.0	BDL
Tetrachloroethylene (D039)	0.05	0.7	BDL
Trichloroethylene (D040)	0.05	0.5	BDL
2,4,5-Trichlorophenol (D041)	0.1	400.0	BDL
2,4,6-Trichlorophenol (D042)	0.1	2.0	BDL
Vinyl chloride (D043)	0.05	0.2	BDL

DL = Detection Limit
 RL = Regulatory Limit

BDL = Below Detection Limit
 1 = Hazardous Waste Number

Method : EPA SW 846 (8260, 8270)



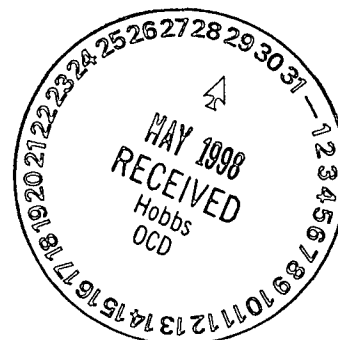
TRANS-ENVIRO ANALYTICAL SERVICES, INC.

19701 SOUTH MILES ROAD, WARRENSVILLE HEIGHTS, OHIO 44128
 TEL: (216) 663-0606 • FAX: (216) 663-0656

METHOD BLANK

SURROGATE RECOVERIES

<u>SURROGATE</u>	<u>% RECOVERY</u>	<u>% ACCEPTABLE LIMITS</u>
Volatile Organic Compounds		
Dibromofluoromethane	87	86 - 118
Toluene-d8	96	88 - 110
Bromofluorobenzene	92	86 - 115
Semi-Volatile Organic Compounds		
Nitrobenzene-d5	59	35 - 114
2-Fluorobiphenyl	49	43 - 116
Terphenyl-d14	52	33 - 141
2-Fluorophenol	97	25 - 100
Phenol-d6	53	11 - 94
2,4,6-Tribromophenol	62	16 - 123



TRANS-ENVIRO ANALYTICAL SERVICES, INC.

19701 SOUTH MILES ROAD, WARRENSVILLE HEIGHTS, OHIO 44128
TEL: (216) 663-0808 • FAX: (216) 663-0866

METHOD BLANK

CHARACTERISTIC of TCLP
METALS

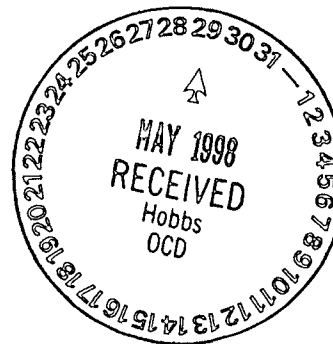
<u>ELEMENT/(EPA HW No.¹)</u>	<u>DL mg/L</u>	<u>RL mg/L</u>	<u>RESULTS mg/L</u>
Arsenic (D004)	0.336	5.0	BDL
Barium (D005)	0.015	100.0	BDL
Cadmium (D006)	0.027	1.0	BDL
Chromium (D007)	0.026	5.0	BDL
Lead (D008)	0.136	5.0	BDL
Mercury (D009)	0.0002	0.2	BDL
Selenium (D010)	0.397	1.0	BDL
Silver (D011)	0.009	5.0	BDL

RL = Regulatory Limit

DL = Detection Limit

BDL = Below Detection Limit

1 = Hazardous Waste Number

Methods : Mercury - EPA SW 846(7470)
Other metals - EPA SW 846(6010)

METHOD BLANK

<u>(EPA HW No.¹) / PARAMETER</u>	<u>TEST METHOD</u>	<u>DL</u>	<u>RL</u>	<u>RESULTS</u>
(D001) Ignitability (Flash-point)	SW 846 (1010)	N.A.	<140°F	N.A.
(D002) pH (leachable)	SW 846 (9045)	N.A.	≤2 or ≥12.5	N.A.
(D003) Reactive Cyanide	SW 846 (9010)	0.5 mg/Kg	250 mg/Kg	BDL
(D003) Reactive Sulfide	SW 846 (9030)	50 mg/Kg	500 mg/Kg	BDL

N.A. = Not Applicable
BDL = Below Detection Limit
DL = Detection Limit
RL = Regulatory Limit
1 = Hazardous Waste Number



TRANS-ENVIRO ANALYTICAL SERVICES, INC.

19701 SOUTH MILES ROAD, WARRENSVILLE HEIGHTS, OHIO 44128
TEL: (216) 663-0808 • FAX: (216) 663-0896

CHAIN-OF-CUSTODY

TRANS-ENVIRO ANALYTICAL SERVICES, INC.

19701 SOUTH MILES ROAD, WARRENSVILLE HEIGHTS, OHIO 44128-4257
TEL: (216) 683-0800 FAX: (216) 683-0856

CUSTOMER INFORMATION

COMPANY NAME WESTERN SANITATION
BILLING ADDRESS P.O. Box 1816CONTACT NAME ALLEN Hodge CITY Hobbs, NMSTATE/ZIP 88240PHONE 505 392-5021FAX 505 392-9376Purchase Order No. 980318-AH

SAMPLES WILL BE DISPOSED OF IN

ACCORDANCE WITH TRANS-ENVIRO

ANALYTICAL SERVICES, INC.'S

TERMS & CONDITIONS.

REMARKS

THIS SAMPLE WAS
A POINT COMPOSITE
SAMPLE TAKEN
FROM THE STOCK
PILE SOILS AT
THE SITE.

PARAMETER

8 TCLP METALS
TCLP VOC
TCLP SEMI VOC
RCF
ONE SAMPLE

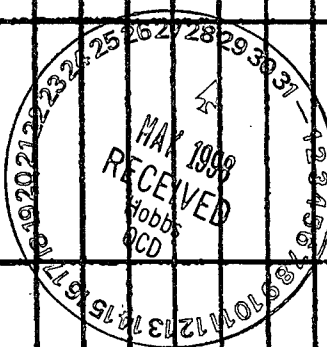
COLLECTOR(S) NAME(S) ALLEN HodgeCOLLECTOR(S) SIGNATURE(S) [Signature]

TURN-AROUND (date): 24hr 48hr 72hr Regular TCLP

PRIORITY SERVICE APPROVED BY: ASAPONE WEEK ASAPSITE LOCATION: 2726 Longview Hwy Hobbs, NMDATE LOADED: 3-18-98 VERBAL RESULTS DUE: ASAP SALESPERSON: DB

TEAS # CUSTOMER SAMPLE IDENTIFICATION DATE COLLECTED TIME COLLECTED SAMPLE MATRIX NO. OF CONC. TUBES

980318-07A Stock Pile SOILS 3-18-98 8:00 AM SOIL 2 402

Requisitioned by (sign) [Signature] Date/Time 3-18-98 19:00Requisitioned by (sign) [Signature] Date/Time 3-18-98 19:00Requisitioned by (sign) [Signature] Date/Time 3-18-98 19:00

Method of Shipment (checkbox)

US MAIL

OVER

FED. EX.

TELEPHONE

PERSONAL DELIVERY

OTHER

BY

IN

BY

BY

Laboratory Storage (checkbox)

NAME

ADDRESS

STATE/ZIP

FAX ()

Additional Remarks

WHITE - LAB

YELLOW - REPORT

PINK - CUSTOMER

03/13/98 FRI 10:45 FAX 5055989627
District I - (505) 393-6161
P. O. Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1283
817 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

TEST LTD
New Mexico

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

002
Form C-138
Originated 8/8/95

Submit Original
Plus 1 Copy
to appropriate
District Office

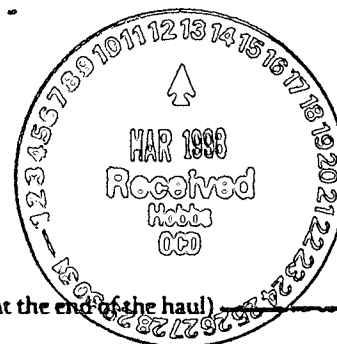
REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator <u>BS Services Co, USA</u>
Verbal Approval Received: Yes ☐ No ☐	5. Originating Site <u>5514 Carlsbad Hwy, Hobbs, NM 88240</u>
2. Management Facility Destination <u>Rhino's Gas Lea Landfarm Lea County, NM</u>	6. Transporter <u>Rhino Environmental</u>
3. Address of Facility Operator <u>5 CR 6065, Farmington, NM 87401</u>	8. State <u>New Mexico</u>
7. Location of Material (Street Address or ULSTR)	<u>5514 Carlsbad Hwy, Hobbs, NM 88240</u>
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:

Hydrocarbon impacted soil resulting from
Sump and ramp operation at acid dock.

Waiting on ORIGINALS!



Sent to Hobbs Printer 4/27/98

Estimated Volume 150 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: [Signature] TITLE: Landfarm Manager DATE: 3/13/98
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: Daniele Berardelli TELEPHONE NO. (505) 598-9626
Fax: (505) 598-9627

(This space for State Use)
APPROVED BY: [Signature] TITLE: ENR Engr DATE: 4-20-98
APPROVED BY: [Signature] TITLE: Geologist DATE: 4-27-98

FAX COVER SHEET

RHINO ENVIRONMENTAL SERVICES, INC.

5 County Road 6065

Farmington, New Mexico 87401

Ph: (800) 499-8393

Ph: (800) 762-0241

Fx: (505) 598-9627

SEND TO		LEAD TEST LTD	
Company name <i>OCD-District 1</i>		From <i>Daniele Berardelli</i>	
Attention <i>Wayne Price</i>		Date <i>3/13/98</i>	
Office location <i>Hobbs</i>		Office location <i>5 CR 6065, Farmington, NM 87401</i>	
Fax number <i>393-0720</i>		Phone number <i>(800) 499-8393</i>	Fax number <i>(505) 598-9627</i>

☐ Urgent ☐ Reply ASAP ☐ Please comment ☒ Please review ☐ For your information

Total pages, including cover:

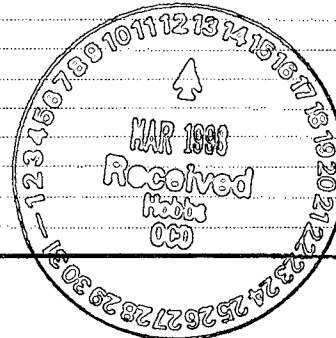
10**COMMENTS**

Please review for acceptance into our landfarm.

Hardcopies will be arriving via mail.

*Let me know if any other info is required - today
I'll be in Farmington. Monday - Friday I'll
be in Alb at (800) 762-0241.*

Thanks.



**CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"**

COMPANY/GENERATOR BJ SERVICES COMPANY, U.S.A.
ADDRESS 8701 NEW TRAILS DRIVE, THE WOODLANDS, TX 77381
GENERATING SITE 5514 CARLSBAD HWY., HOBBS, NEW MEXICO 88240
COUNTY LEA STATE NEW MEXICO
TYPE OF WASTE EXCAVATED SOIL IMPACTED WITH TPH
ESTIMATED VOLUME 150 CUBIC YARDS
GENERATING PROCESS SOIL IMPACTED FROM SUMP AND RAMP
OPERATION AT ACID DOCK OF FACILITY
REMARK'S SOIL WILL BE REMOVED THE LAST WEEK OF MARCH, 1998
NMOCD FACILITY RHINO ENVIRONMENTAL SERVICES, INC.
TRUCKING COMPANY RHINO ENVIRONMENTAL SERVICES, INC.

As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR Part 261 to verify the nature as non-hazardous. I further certify that to my knowledge "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Section 2613.

AGENT

Timothy L. Jenkins as agent for BJ Services
SIGNATURE

NAME

TIMOTHY L. JENKINS

PRINTED

ADDRESS

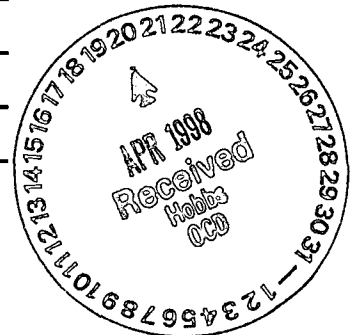
BROWN AND CALDWELL

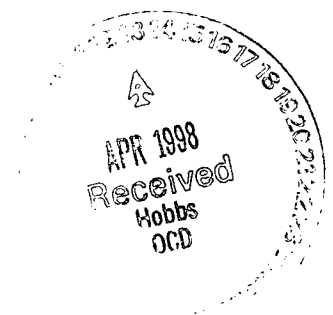
1415 LOUISIANA, STE. 2500

HOUSTON, TEXAS 77002

DATE

03/11/98



[illegible]



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
PHONE (713) 660-0901

Certificate of Analysis No. H9-9802688-08

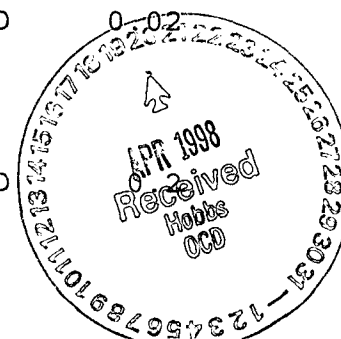
Brown and Caldwell
1415 Louisiana
Houston, TX 77002
ATTN: Tim Jenkins

DATE: 02/26/98

PROJECT: Sump and Ramp Removal
SITE: BJ-Hobbs, NM (Nowco Site)
SAMPLED BY: Brown & Caldwell
SAMPLE ID: STCKPL-150

PROJECT NO: 6240-02
MATRIX: SOIL
DATE SAMPLED: 02/13/98 13:30:00
DATE RECEIVED: 02/14/98

ANALYTICAL DATA				
PARAMETER	RESULTS	DETECTION LIMIT	UNITS	
Total Petroleum Hydrocarbons-Diesel	6400	1000 P	mg/kg	
Surrogate	% Recovery			
n-Pentacosane	D			
Method Modified 8015B *** for Diesel				
Analyzed by: RR				
Date: 02/17/98 10:35:00				
Sonication Extraction	02/16/98			
Method 3550B ***				
Analyzed by: MM				
Date: 02/16/98				
Silver, TCLP Leachate	ND	0.02	mg/L	
Method 6010B ***				
Analyzed by: PS				
Date: 02/18/98 08:26:00				
Arsenic, TCLP Leachate	ND		mg/L	
Method 6010B ***				
Analyzed by: PS				
Date: 02/18/98 08:26:00				



(P) - Practical Quantitation Limit D - Diluted, limits not applicable.
ND - Not detected.

Notes: *Ref: Methods for Chemical Analysis of Water and Wastes, 1983, EPA
**Ref: Standard Methods for Examination of Water & Wastewater, 18th ed.
***Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 3rd Ed.

COMMENTS: Sample contains petroleum hydrocarbons from C10-C24
that resemble a diesel pattern. (C10-C24) RR

QUALITY ASSURANCE: These analyses are performed in accordance
with EPA guidelines for quality assurance.



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
PHONE (713) 660-0901

Certificate of Analysis No. H9-9802688-08

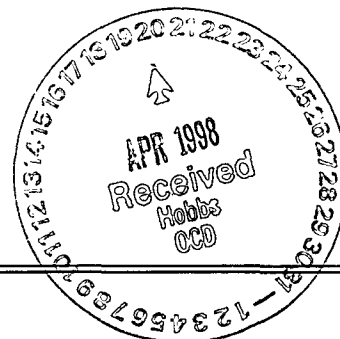
Brown and Caldwell
1415 Louisiana
Houston, TX 77002
ATTN: Tim Jenkins

DATE: 02/26/98

PROJECT: Sump and Ramp Removal
SITE: BJ-Hobbs, NM (Nowco Site)
SAMPLED BY: Brown & Caldwell
SAMPLE ID: STCKPL-150

PROJECT NO: 6240-02
MATRIX: SOIL
DATE SAMPLED: 02/13/98 13:30:00
DATE RECEIVED: 02/14/98

ANALYTICAL DATA				
PARAMETER	RESULTS	DETECTION LIMIT	UNITS	
Barium, TCLP Leachate Method 6010B *** Analyzed by: PS Date: 02/18/98 08:26:00	ND	1	mg/L	
Cadmium, TCLP Leachate Method 6010B *** Analyzed by: PS Date: 02/18/98 08:26:00	ND	0.01	mg/L	
Chromium, TCLP Leachate Method 6010B *** Analyzed by: PS Date: 02/18/98 08:26:00	ND	0.02	mg/L	
Cyanide-Reactive Method 7.3.3.2 *** Analyzed by: BEN Date: 02/19/98 09:30:00	ND	10	mg/kg	
Flash and Fire Point- C.O.C. Method ASTM D92-85 Analyzed by: CS Date: 02/24/98	>210		°F	



ND - Not detected.

Notes: *Ref: Methods for Chemical Analysis of Water and Wastes, 1983, EPA
**Ref: Standard Methods for Examination of Water & Wastewater, 18th ed.
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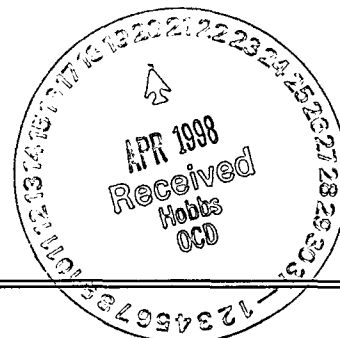
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Brown and Caldwell
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DATE: 02/26/98

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SITE: BJ-Hobbs, NM (Nowasco Site)
SAMPLED BY: Brown & Caldwell
SAMPLE ID: STCKPL-150PROJECT NO: 6240-02
MATRIX: SOIL
DATE SAMPLED: 02/13/98 13:30:00
DATE RECEIVED: 02/14/98

ANALYTICAL DATA				
PARAMETER	RESULTS	DETECTION LIMIT	UNITS	
Mercury, TCLP Leachate Method 7470 A*** Analyzed by: AG Date: 02/18/98 15:35:00	ND	0.0002	mg/L	
Acid Digestion of TCLP Leachate, ICP Method 3010A *** Analyzed by: SRC Date: 02/17/98 08:30:00	02/17/98			
Lead, TCLP Leachate Method 6010B *** Analyzed by: PS Date: 02/18/98 08:26:00	ND	0.1	mg/L	
Soil pH Measured in Water Method 9045C *** Analyzed by: TV Date: 02/18/98 10:00:00	10.21		PH UNIT	
TCLP Leachate Extraction Method 1311 *** Analyzed by: WLR Date: 02/16/98 15:00:00	02/16/98			



ND - Not detected.

Notes: *Ref: Methods for Chemical Analysis of Water and Wastes, 1983, EPA
**Ref: Standard Methods for Examination of Water & Wastewater, 18th ed.
***Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 3rd Ed.COMMENTS: Sample contains petroleum hydrocarbons from C10-C24
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DATE: 02/26/98

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SITE: BJ-Hobbs, NM (Nowasco Site)
SAMPLED BY: Brown & Caldwell
SAMPLE ID: STCKPL-150

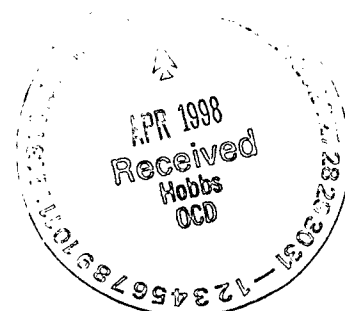
PROJECT NO: 6240-02
MATRIX: SOIL
DATE SAMPLED: 02/13/98 13:30:00
DATE RECEIVED: 02/14/98

ANALYTICAL DATA				
PARAMETER	RESULTS	DETECTION LIMIT	UNITS	
TCLP Leachate Extraction Method 1311 *** Analyzed by: WLR Date: 02/16/98 15:00:00	02/16/98			
Zero Headspace extraction Method 1311 Analyzed by: WLR Date: 02/16/98 15:00:00	02/16/98			
Selenium, TCLP Leachate Method 6010B *** Analyzed by: PS Date: 02/18/98 08:26:00	ND	0.2	mg/L	
Sulfide-Reactive Method 7.3.4.2 *** Analyzed by: BEN Date: 02/19/98 09:30:00	ND	100	mg/kg	

ND - Not detected.

Notes: *Ref: Methods for Chemical Analysis of Water and Wastes, 1983, EPA
**Ref: Standard Methods for Examination of Water & Wastewater, 18th ed.
***Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 3rd Ed.

COMMENTS: Sample contains petroleum hydrocarbons from C10-C24
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ATTN: Tim Jenkins

02/26/98

PROJECT: Sump and Ramp Removal
SITE: BJ-Hobbs, NM (Nowco Site)
SAMPLED BY: Brown & Caldwell
SAMPLE ID: STCKPL-150

PROJECT NO: 6240-02
MATRIX: LEACHATE
DATE SAMPLED: 02/13/98 13:30:00
DATE RECEIVED: 02/14/98

ANALYTICAL DATA

PARAMETER	RESULTS	PQL*	UNITS	RL ▲
ortho-Cresol	310	50	ug/L	200000
meta, para-Cresols	ND	100	ug/L	200000
1,4-Dichlorobenzene	ND	50	ug/L	7500
2,4-Dinitrotoluene	ND	50	ug/L	130
Hexachlorobenzene	ND	50	ug/L	130
Hexachlorobutadiene	ND	50	ug/L	500
Hexachloroethane	ND	50	ug/L	3000
Nitrobenzene	ND	50	ug/L	2000
Pentachlorophenol	ND	250	ug/L	100000
Pyridine	ND	50	ug/L	5000
2,4,5-Trichlorophenol	ND	100	ug/L	400000
2,4,6-Trichlorophenol	ND	50	ug/L	2000

SURROGATES	AMOUNT SPIKED	% RECOVERY	LOWER LIMIT	UPPER LIMIT
Nitrobenzene-d5	50 ug/L	81	35	114
2-Fluorobiphenyl	50 ug/L	89	43	116
Terphenyl-d14	50 ug/L	88	33	141
Phenol-d5	75 ug/L	74	10	110
2-Fluorophenol	75 ug/L	67	21	110
2,4,6-Tribromophenol	75 ug/L	107	10	123

ANALYZED BY: YL DATE/TIME: 02/20/98 15:19:00
LEACHATE EXTRACTION BY: AM DATE/TIME: 02/19/98 13:00:00
METHOD: 1311/8270C, TCLP Semivolatiles
NOTES: * - Practical Quantitation Limit ND - Not Detected
NA - Not Analyzed
▲ - Regulatory Limit. Reference Federal Register 55, 11862
(3/29/90), RCRA Toxicity Characteristic Final Rule.

COMMENTS:

QUALITY ASSURANCE: These analyses are performed in accordance
with EPA guidelines for quality assurance.

APR 1998
Received
Hobbs
OCD



HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
PHONE (713) 660-0901

Certificate of Analysis No. H9-9802688-08

Brown and Caldwell
1415 Louisiana
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ATTN: Tim Jenkins

02/26/98

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SITE: BJ-Hobbs, NM (Nowasco Site)
SAMPLED BY: Brown & Caldwell
SAMPLE ID: STCKPL-150

PROJECT NO: 6240-02
MATRIX: LEACHATE
DATE SAMPLED: 02/13/98 13:30:00
DATE RECEIVED: 02/14/98

ANALYTICAL DATA

PARAMETER	RESULTS	PQL*	UNITS	RL ▲
Benzene	ND	50	ug/L	500
2-Butanone	ND	200	ug/L	200000
Carbon Tetrachloride	ND	50	ug/L	500
Chlorobenzene	ND	50	ug/L	100000
Chloroform	ND	50	ug/L	6000
1,2-Dichloroethane	ND	50	ug/L	500
1,1-Dichloroethene	ND	50	ug/L	700
Tetrachloroethene	ND	50	ug/L	700
Trichloroethene	ND	50	ug/L	500
Vinyl Chloride	ND	100	ug/L	200

SURROGATES

	AMOUNT SPIKED	% RECOVERY	LOWER LIMIT	UPPER LIMIT
4-Bromofluorobenzene	50 ug/L	98	86	115
1,2-Dichloroethane-d4	50 ug/L	96	76	114
Toluene-d8	50 ug/L	102	88	110

ANALYZED BY: GT

DATE/TIME: 02/17/98 13:09:00

LEACHATE PREP(ZHE) BY: WLR

DATE/TIME: 02/16/98 15:00:00

METHOD: 1311/8240, TCLP Volatiles

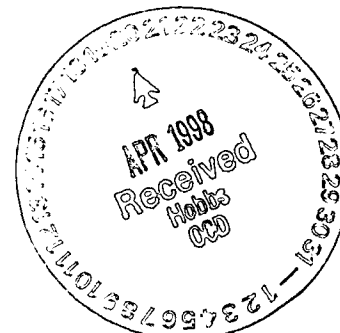
NOTES: * - Practical Quantitation Limit

ND - Not Detected

NA - Not Analyzed

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02/26/98

PROJECT: Sump and Ramp Removal
SITE: BJ-Hobbs, NM (Nowco Site)
SAMPLED BY: Brown & Caldwell
SAMPLE ID: STCKPL-150

PROJECT NO: 6240-02
MATRIX: LEACHATE
DATE SAMPLED: 02/13/98 13:30:00
DATE RECEIVED: 02/14/98

ANALYTICAL DATA

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ANALYZED BY: YL

DATE/TIME: 02/20/98 15:19:00

LEACHATE EXTRACTION BY: AM

DATE/TIME: 02/19/98 13:00:00

METHOD: 1311/8270C, TCLP Semivolatiles

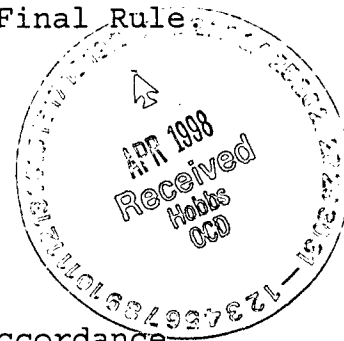
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02/26/98

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SAMPLED BY: Brown & Caldwell
SAMPLE ID: STCKPL-150

PROJECT NO: 6240-02
MATRIX: LEACHATE
DATE SAMPLED: 02/13/98 13:30:00
DATE RECEIVED: 02/14/98

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ANALYZED BY: GT

DATE/TIME: 02/17/98 13:09:00

LEACHATE PREP(ZHE) BY: WLR

DATE/TIME: 02/16/98 15:00:00

METHOD: 1311/8240, TCLP Volatiles

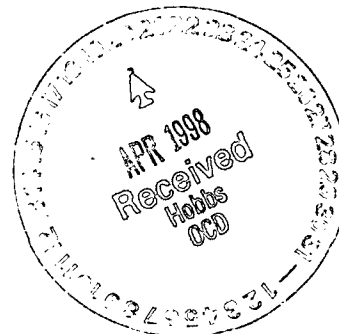
NOTES: * - Practical Quantitation Limit

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▲ - Regulatory Limit. Reference Federal Register 55, 11862
(3/29/90), RCRA Toxicity Characteristic Final Rule.

COMMENTS:



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SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No:

9802688

43392

page 1 of 1

Client Name: BROWN AND CADDWELL
Address/Phone: 1415 LOWBRAMA, STE 2500 7590999
Client Contact: TIM JENKINS
Project Name: ~~333~~ SUMP AND RAMP REMOVAL
Project Number: 0240-02
Project Location: BS - HORBS, NM (NONGCO SITE)
Invoice To: BROWN + CADDWELL

SAMPLE ID	DATE	TIME	comp	grab
SW-N-10	02/13/98	1210		✓
SW-W-10	02/13/98	1220		✓
SW-E-5	02/12/98	1650		✓
SW-S-10	02/13/98	1230		✓
SW-S-3		1310		✓
FC-N-15		1115	✓	
FC-S-6	↓	1300	✓	
STCKPL-150(*)	02/13/98	1330	✓	

matrix	bottle	size	pres.	Number of Containers	Requested Analysis
W=water S=soil SL=sludge O=other:	P=plastic A=amber glass G=glass V=vial	1=1 liter 4=4oz 40=vial 8=8oz 16=16oz	1=HCl 2=HNO3 3=H2SO4 O=other:		
					BTEX (0020)
					TPH-DRO (0015)
					VOC (0240)
					PAH (030)
					8 PCA METALS (7000/6000)
					TCF VOC
					TCF SVOC
					TCF METALS (0000)
					R.C.I.

RUSH

Laboratory remarks:

Intact? ☒ Y ☐ N

Temp: 5°C

PM review (initial):

Special Detection Limits (specify):

Raw Data ☐Level 4 QC ☐Level 3 QC ☐Level 2 QC ☐Level 1 QC ☐Level 0 QC ☐Level -1 QC ☐Level -2 QC ☐Level -3 QC ☐Level -4 QC ☐Level -5 QC ☐Level -6 QC ☐Level -7 QC ☐Level -8 QC ☐Level -9 QC ☐Level -10 QC ☐Level -11 QC ☐Level -12 QC ☐Level -13 QC ☐Level -14 QC ☐Level -15 QC ☐Level -16 QC ☐Level -17 QC ☐Level -18 QC ☐Level -19 QC ☐Level -20 QC ☐Level -21 QC ☐Level -22 QC ☐Level -23 QC ☐Level -24 QC ☐Level -25 QC ☐Level -26 QC ☐Level -27 QC ☐Level -28 QC ☐Level -29 QC ☐Level -30 QC ☐Level -31 QC ☐Level -32 QC ☐Level -33 QC ☐Level -34 QC ☐Level -35 QC ☐Level -36 QC ☐Level -37 QC ☐Level -38 QC ☐Level -39 QC ☐Level -40 QC ☐Level -41 QC ☐Level -42 QC ☐Level -43 QC ☐Level -44 QC ☐Level -45 QC ☐Level -46 QC ☐Level -47 QC ☐Level -48 QC ☐Level -49 QC ☐Level -50 QC ☐Level -51 QC ☐Level -52 QC ☐Level -53 QC ☐Level -54 QC ☐Level -55 QC ☐Level -56 QC ☐Level -57 QC ☐Level -58 QC ☐Level -59 QC ☐Level -60 QC ☐Level -61 QC ☐Level -62 QC ☐Level -63 QC ☐Level -64 QC ☐Level -65 QC ☐Level -66 QC ☐Level -67 QC ☐Level -68 QC ☐Level -69 QC ☐Level -70 QC ☐Level -71 QC ☐Level -72 QC ☐Level -73 QC ☐Level -74 QC ☐Level -75 QC ☐Level -76 QC ☐Level -77 QC ☐Level -78 QC ☐Level -79 QC ☐Level -80 QC ☐Level -81 QC ☐Level -82 QC ☐Level -83 QC ☐Level -84 QC ☐Level -85 QC ☐Level -86 QC ☐Level -87 QC ☐Level -88 QC ☐Level -89 QC ☐Level -90 QC ☐Level -91 QC ☐Level -92 QC ☐Level -93 QC ☐Level -94 QC ☐Level -95 QC ☐Level -96 QC ☐Level -97 QC ☐Level -98 QC ☐Level -99 QC ☐Level -100 QC ☐Level -101 QC ☐Level -102 QC ☐Level -103 QC ☐Level -104 QC ☐Level -105 QC ☐Level -106 QC ☐Level -107 QC ☐Level -108 QC ☐Level -109 QC ☐Level -110 QC ☐Level -111 QC ☐Level -112 QC ☐Level -113 QC ☐Level -114 QC ☐Level -115 QC ☐Level -116 QC ☐Level -117 QC ☐Level -118 QC ☐Level -119 QC ☐Level -120 QC ☐Level -121 QC ☐Level -122 QC ☐Level -123 QC ☐Level -124 QC ☐Level -125 QC ☐Level -126 QC ☐Level -127 QC ☐Level -128 QC ☐Level -129 QC ☐Level -130 QC ☐Level -131 QC ☐Level -132 QC ☐Level -133 QC ☐Level -134 QC ☐Level -135 QC ☐Level -136 QC ☐Level -137 QC ☐Level -138 QC ☐Level -139 QC ☐Level -140 QC ☐Level -141 QC ☐Level -142 QC ☐Level -143 QC ☐Level -144 QC ☐Level -145 QC ☐Level -146 QC ☐Level -147 QC ☐Level -148 QC ☐Level -149 QC ☐Level -150 QC ☐Level -151 QC ☐Level -152 QC ☐Level -153 QC ☐Level -154 QC ☐Level -155 QC ☐Level -156 QC ☐Level -157 QC ☐Level -158 QC ☐Level -159 QC ☐Level -160 QC ☐Level -161 QC ☐Level -162 QC ☐Level -163 QC ☐Level -164 QC ☐Level -165 QC ☐Level -166 QC ☐Level -167 QC ☐Level -168 QC ☐Level -169 QC ☐Level -170 QC ☐Level -171 QC ☐Level -172 QC ☐Level -173 QC ☐Level -174 QC ☐Level -175 QC ☐Level -176 QC ☐Level -177 QC ☐Level -178 QC ☐Level -179 QC ☐Level -180 QC ☐Level -181 QC ☐Level -182 QC ☐Level -183 QC ☐Level -184 QC ☐Level -185 QC ☐Level -186 QC ☐Level -187 QC ☐Level -188 QC ☐Level -189 QC ☐Level -190 QC ☐Level -191 QC ☐Level -192 QC ☐Level -193 QC ☐Level -194 QC ☐Level -195 QC ☐Level -196 QC ☐Level -197 QC ☐Level -198 QC ☐Level -199 QC ☐Level -200 QC ☐Level -201 QC ☐Level -202 QC ☐Level -203 QC ☐Level -204 QC ☐Level -205 QC ☐Level -206 QC ☐Level -207 QC ☐Level -208 QC ☐Level -209 QC ☐Level -210 QC ☐Level -211 QC ☐Level -212 QC ☐Level -213 QC ☐Level -214 QC ☐Level -215 QC ☐Level -216 QC ☐Level -217 QC ☐Level -218 QC ☐Level -219 QC ☐Level -220 QC ☐Level -221 QC ☐Level -222 QC ☐Level -223 QC ☐Level -224 QC ☐Level -225 QC ☐Level -226 QC ☐Level -227 QC ☐Level -228 QC ☐Level -229 QC ☐Level -230 QC ☐Level -231 QC ☐Level -232 QC ☐Level -233 QC ☐Level -234 QC ☐Level -235 QC ☐Level -236 QC ☐Level -237 QC ☐Level -238 QC ☐Level -239 QC ☐Level -240 QC ☐Level -241 QC ☐Level -242 QC ☐Level -243 QC ☐Level -244 QC ☐Level -245 QC ☐Level -246 QC ☐Level -247 QC ☐Level -248 QC ☐Level -249 QC ☐Level -250 QC ☐Level -251 QC ☐Level -252 QC ☐Level -253 QC ☐Level -254 QC ☐Level -255 QC ☐Level -256 QC ☐

s, NM 88241-1980
ct II - (505) 748-1283
First
a, NM 88210
ct III - (505) 334-6178
Rio Brazos Road
NM 87410
ct IV - (505) 827-7131

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

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

RCRA Exempt: ☐ Non-Exempt: ☒ <i>P1 2/12/97</i>	4. Generator <i>Pride Petroleum Services, Inc</i>
Verbal Approval Received: Yes ☒ No ☐	5. Originating Site <i>Lovington, NM</i>
Management Facility Destination <i>Goodyear Commercial Landfarm</i>	6. Transporter <i>Constructive Solutions, Inc.</i>
Address of Facility Operator <i>Lea County, New Mexico</i>	8. State <i>New Mexico</i>
Location of Material (Street Address or ULSTR) <i>3851 Hwy 18, Lovington, NM</i>	
<u>Circle One:</u> (A) All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

Hydrocarbon contaminated soil from
seepage pits.

RECEIVED

SEP 03 1997

Environmental Bureau
Oil Conservation Division

RECEIVED
AUG 29 1997

Estimated Volume 2700 - 3000 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: *Danielle Berardelli* TITLE: manager DATE: 8-25-97
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: Danielle Berardelli TELEPHONE NO. (505) 598-9626
Fax: (505) 598-9627, Address: 5 CR 6065
Farmington, NM 87401

(This space for State Use)

APPROVED BY: *[Signature]* TITLE: Envl Engr DATE: 8/29/97

APPROVED BY: *[Signature]* TITLE: Envl Geologist DATE: 9/3/97

Printed in Hobbs 9/3/97



RHINO

Environmental Services, Inc.

300 Broadway NE • Albuquerque, New Mexico 87102
(505) 242-6464 • Fax (505) 247-4941

*Ch
Wayne*

August 25, 1997

Mr. Wayne Price
NM Energy, Minerals and Natural Resources
Oil Conservation Division (OCD)
P.O. Box 1980
Hobbs, New Mexico 88241-1980
(505) 393-6161

**Re: Pride Petroleum
Lovington, New Mexico**

Dear Mr. Price:

Rhino Environmental Services, Inc. (Rhino), would like to submit the C-138 form for hydrocarbon contaminated soil generated by Pride Petroleum Services, Inc., Lovington, New Mexico. The site was originally anticipated to produce 1,000 cubic yards of soil, that amount has been changed and is estimated to total 2,700 - 3,000 cubic yards.

Please review the attached documentation, inclusive of the analytical data, waste profile sheet and certificate of non-exempt waste. Rhino understands the heavy work load of OCD, but hopes the evaluation process may be expedited so that soil treatment can begin as soon as possible.

We appreciate your time and consideration. Please don't hesitate to call me if you have any questions or require additional information.

Sincerely,

Daniele Berardelli
Landfarm Manager

RECEIVED
AUG 28 1997
OCD



RHINO ENVIRONMENTAL SERVICES, INC.

GENERATOR'S WASTE PROFILE SHEET

Waste Generator Information

- Generator's Name: Pride Petroleum Services
- SIC Code:
- Facility Address: 3851 Hwy 18
- City, State, Zip Code: Lawton NM
- LUST #:
- USEPA/Federal ID #:
- State ID#:
- Technical Contact:
- Phone:

Waste Stream Information

- Type of Contaminant: Gasoline Diesel Waste Oil X Other
- Process Generating Waste:
- Projected Volume: 3,000 1000 yds³ 750 gal
- Soil: X Water: X
- Special Instructions/Supplemental Information: DB 8-25-97 DB 8-25-97 DB 8-25-97

Waste Soil / Water Properties

- Type of Soil - Sand: Gravel: Sandy Loam: X Clay: Other:
- Analytical Data - BTEX: ppm. Method
- TPH: ppm. Method
- Other: Method

Representative Sample Certification

- Sampler's Name: John Hazzie
- Sample Date: 5/30/97
- Sampler's Title: Sen Geologist
- Sampler's Employer: PRC EM INC
- Sampler's Signature: [Signature]
- Analytical Data Enclosed Yes: X No:

Generator Certification

By signing this profile sheet, the generator certifies that:

- This waste is not a "Hazardous Waste" as defined by USEPA and/or the state/province.
- This waste does not contain regulated radioactive materials or regulated concentrations of PCBs (polychlorinated Biphenyls).
- This sheet and attachments contain true and accurate descriptions of the waste material. All relevant information regarding known or suspected hazards in the possession of the Generator has been disclosed.
- The analytical data presented herein or attached hereto were derived from testing representative samples taken in accordance with 40 CFR 261.20(c) or equivalent rules.
- If any changes occur in the character of the waste, the Generator shall notify the Contractor prior to providing the waste to the Contractor.

Signature: [Signature]
Printed Name: John Hazzie

Title: Geologist
Date: 6/8/97

CERTIFICATE OF WASTE STATUS

NON-EXEMPT WASTE MATERIAL

ORIGINATION LOCATION: ~~3851~~ 3851 Hwy 18 Leominster MA

SOURCE: EXCAVATIONS SURROUNDING SEPTIC PITS ON-SITE

DISPOSAL LOCATION: Goo Yea Landfarm

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

I, the undersigned as the agent for the JOHN HARRIE
TETRA TECH concur with the status of the waste from the subject site.

Name: JOHN HARRIETitle: GeologistAddress: 6121 IND SCH RD NE
1730 ALM 8710Signature: [Signature]Date: 6/11/97

WASTE
MATERIAL
RECEIVED
JUN 11 1997



ANACHEM INC.

8 Prestige Circle, Suite 104 Allen, Texas 75002
972/727-9003 • FAX # 972/727-9686 • 1-800-966-1186

Customer Name: Tetra Tech EM, Inc. - Alb, N.M.
Date Received: August 4, 1997 at 15:00:00
Date Reported: August 20, 1997
Submission #: 9708000031
Project: PRIDE PETROLEUM SERVICES

SAMPLES The submission consisted of 7 samples with sample I.D.'s shown in the attached data tables.

TESTS The samples listed in the attached result pages were analyzed for:

- * BTEX/TPH (EPA 8020/MOD 8015 GAS-RANGE)
- * CORROSIVITY (EPA 9040)
- * IGNITABILITY (ASTM D92)
- * MERCURY DIGESTION, TCLP (EPA 7470)
- * MICROWAVE DIGESTION, TCLP (EPA 3015)
- * REACTIVITY (FULL)
- * SEMI-VOLATILES (EPA 8270)
- * TCLP HERBICIDES (EPA 8150A)
- * TCLP NON-VOLATILE EXTRACTION (EPA 1311)
- * TCLP PESTICIDES (EPA 8080A)
- * TCLP RCRA MERCURY (EPA 7470)
- * TCLP RCRA METALS (EPA 6010)
- * TCLP SEMI-VOLATILES (EPA 8270)
- * TCLP VOLATILES (EPA 8260)
- * TCLP ZHE FOR VOLATILE ORGANICS (EPA 1311)
- * TPH DIESEL-RANGE (MOD 8015)
- * VOLATILES (EXPANDED EPA 8260)

Distribution Of Reports

1-Mr. Tony Herald of Tetra Tech EM, Inc. - Alb, N.M.
Ph. 505-881-3188 Fax 505-881-3283

Respectfully Submitted,
Anachem, Inc.


Howard H. Hayden, B.S.
Chemist

Submission #: 9708000031 lims


C.E. Newton, Ph.D.
Chemist

NOTE: Submitted material will be retained for 60 days unless notified or consumed in analysis. Material determined to be hazardous will be returned or a \$20 disposal fee will be assessed. Our letters and reports are for the exclusive use of the client to whom they are addressed. The use of our name must receive our prior written approval. Our letters and reports apply to the sample tested and/or inspected, and are not necessarily indicative of the qualities of apparently identical or similar materials.

88594 to 89192

Page 1 of 23

Client Name: Tetra Tech EM, Inc. -Alb, N.M.
Submission #: 9708000031
Project Name: PRIDE PETROLEUM SERVICES
Report Date: 08/20/97

Client Sample #: WASH BAY FLOOR COMPOSITE

Laboratory ID #: 88594 Order Type: Normal Matrix: Soil
Sample Container: 3x4oz EPA Approved Glass Jar\Aqua Lid
Sampling Location: LOVINGTON, NM
Sampling Date: 08/01/97
Temperature (Celcius): 4

SEMI-VOLATILES (EPA 8270)

Semi-Volatile prep date: 08/05/97

Analyte	Results(ug/kg)	Detection Limit
Acenaphthene	<330	330
Acenaphthylene	<330	330
Aniline	<1650	1650
Anthracene	<330	330
Benzidine	<2500	2500
Benzo (a) anthracene	<330	330
Benzo (a) pyrene	<660	660
Benzo (b) fluoranthene	<660	660
Benzo (g,h,i) perylene	<330	330
Benzoic Acid	<1650	1650
Benzo (k) fluoranthene	<660	660
Benzyl Alcohol	<660	660
4-Bromophenyl-phenylether	<660	660
Butylbenzylphthalate	<660	660
Carbazole	<660	660
4-Chloro-3-methylphenol	<660	660
4-Chloroaniline	<660	660
bis (2-Chloroethoxy) methane	<330	330
bis(2-Chloroethyl) ether	<330	330
bis(2-Chloroisopropyl) ether	<660	660
2-Chloronaphthalene	<330	330
2-Chlorophenol	<330	330
4-Chlorophenyl-phenylether	<660	660
Chrysene	<330	330
Dibenz (a,h) anthracene	<1650	1650
Dibenzofuran	<1650	1650
1,3-Dichlorobenzene	<330	330
1,4-Dichlorobenzene	<330	330
1,2-Dichlorobenzene	<330	330
3,3'-Dichlorobenzidine	<670	670
2,4-Dichlorophenol	<660	660
Diethylphthalate	<660	660
2,4-Dimethylphenol	<660	660
Dimethylphthalate	<660	660
Di-n-butylphthalate	<660	660
4,6-Dinitro-2-methylphenol	<660	660
2,4-Dinitrophenol	<1650	1650
2,6-Dinitrotoluene	<660	660
2,4-Dinitrotoluene	<660	660
Di-n-octylphthalate	<660	660
1,2-Diphenylhydrazine (as Azobenzene)	<660	660
bis (2-Ethylhexyl) phthalate	<660	660
Fluoranthene	<330	330
Fluorene	<330	330
Hexachlorobenzene	<330	330
Hexachlorobutadiene	<330	330
Hexachlorocyclopentadiene	<330	330
Hexachloroethane	<330	330
Indeno (1,2,3-cd) pyrene	<330	330
Isophorone	<660	660

WCC NOTES
8/20/97
RECEIVED

Client Name: Tetra Tech EM, Inc. -Alb, N.M.
Submission #: 9708000031
Project Name: PRIDE PETROLEUM SERVICES
Report Date: 08/20/97

SEMI-VOLATILES (EPA 8270)

<u>Analyte</u>	<u>Results(ug/kg)</u>	<u>Detection Limit</u>
2-Methylnaphthalene	<330	330
2-Methylphenol	<660	660
4-Methylphenol	<660	660
Naphthalene	<330	330
2-Nitroaniline	<660	660
4-Nitroaniline	<1650	1650
3-Nitroaniline	<1650	1650
Nitrobenzene	<660	660
2-Nitrophenol	<660	660
4-Nitrophenol	<1650	1650
N-Nitrosodimethylamine	<330	330
N-Nitrosodi-n-propylamine	<330	330
N-Nitrosodiphenylamine (1)	<660	660
Pentachlorophenol	<1650	1650
Phenanthrene	<330	330
Phenol	<330	330
Pyrene	<330	330
1,2,4-Trichlorobenzene	<330	330
2,4,6-Trichlorophenol	<660	660
2,4,5-Trichlorophenol	<660	660

VOLATILES (EXPANDED EPA 8260)

Date Analyzed: 08/04/97

<u>Analyte</u>	<u>Results(ug/kg)</u>	<u>Detection Limit</u>
Acetone	<10	10
Benzene	<5.0	5.0
Bromobenzene	<5.0	5.0
Bromochloromethane	<15	15
Bromoform	<10	10
2-Butanone (MEK)	<20	20
Butyl Benzene (total)	94 ppb	10
Carbon Disulfide	<10	10
Carbon Tetrachloride	<3.0	3.0
Chlorobenzene	<5.0	5.0
Chlorodibromomethane	<5.0	5.0
Chloroethane	<10	10
Chloroform	<10	10
Chlorotoluenes (total)	<10	10
1,2-Dibromo-3-chloropropane	<5.0	5.0
1,2-Dibromoethane	<10	10
Dibromomethane	<10	10
1,2-Dichlorobenzene	<5.0	5.0
1,3-Dichlorobenzene	<5.0	5.0
1,4-Dichlorobenzene	<5.0	5.0
Dichlorobromomethane	<3.0	3.0
Dichlorodifluoromethane	<10	10
1,1-Dichloroethane	<5	5
1,2-Dichloroethane	<5.0	5.0
cis-1,2-Dichloroethene	<10	10
trans-1,2-Dichloroethene	<10	10
1,1-Dichloroethene	<5.0	5.0
1,2-Dichloropropane	<6.0	6.0
2,2-Dichloropropane	<5.0	5.0
cis-1,3-Dichloropropene	<6.0	6.0
trans-1,3-Dichloropropene	<6.0	6.0
1,1-Dichloropropene	<10	10
Ethyl Benzene	<8.0	8.0
Hexachlorobutadiene	<10	10

ALL TESTS
 PASSED
 8/20/97
 RELEASED

Client Name: Tetra Tech EM, Inc. -Alb, N.M.
Submission #: 9708000031
Project Name: PRIDE PETROLEUM SERVICES
Report Date: 08/20/97

VOLATILES (EXPANDED EPA 8260)

Analyte	Results(ug/kg)	Detection Limit
2-Hexanone	<10	10
Isopropyl Benzene	<5.0	5.0
p-Isopropyl toluene	71	5.0
4-Methyl-2-Pentanone	<5.0	5.0
Methyl Bromide	<10	10
Methyl Chloride	<10	10
Methylene Chloride	<15	15
Naphthalene	<10	10
n-Propyl benzene	<5.0	5.0
Styrene	<10	10
1,1,2,2-Tetrachloroethane	<5.0	5.0
1,1,1,2-Tetrachloroethane	<10	10
Tetrachloroethene	<3.0	3.0
Toluene	<3.0	3.0
Trichlorobenzenes (total)	<15	15
1,1,1-Trichloroethane	<5.0	5.0
1,1,2-Trichloroethane	<5.0	5.0
Trichloroethene	<5.0	5.0
Trichlorofluoromethane	<10	10
1,2,3-Trichloropropane	<5.0	5.0
Trimethylbenzenes (total)	60	10
Vinyl Acetate	<5.0	5.0
Vinyl Chloride	<2.0	2.0
Xylene (Total)	<10	10
ACROLEIN	<20 ug/kg	
ACRYLONITRILE	<20 ug/kg	
BIS (CHLOROMETHYL) ETHER	<660 ug/kg	
ALPHA,BETA,GAMMA,TECH-HCH	<660 ug/kg	
ISOPHORONE	<20 ug/kg	
N-NITROSOPYRROLIDINE	<660 ug/kg	
1-METHYLNAPHTHALENE	<330 ug/kg	

Client Sample #: WASH BAY WALL COMPOSITE

Laboratory ID #: 88595 Order Type: Normal Matrix: Soil
Sample Container: 3x4oz EPA Approved Glass Jar\Aqua Lid
Sampling Location: LOVINGTON, NM
Sampling Date: 08/01/97
Temperature (Celcius):4

SEMI-VOLATILES (EPA 8270)

Semi-Volatile prep date: 08/05/97

Analyte	Results(ug/kg)	Detection Limit
Acenaphthene	<330	330
Acenaphthylene	<330	330
Aniline	<1650	1650
Anthracene	<330	330
Benzidine	<2500	2500
Benzo (a) anthracene	<330	330
Benzo (a) pyrene	<660	660
Benzo (b) fluoranthene	<660	660
Benzo (g,h,i) perylene	<330	330
Benzoic Acid	<1650	1650
Benzo (k) fluoranthene	<660	660
Benzyl Alcohol	<660	660
4-Bromophenyl-phenylether	<660	660
Butylbenzylphthalate	<660	660
Carbazole	<660	660
4-Chloro-3-methylphenol	<660	660

Client Name: Tetra Tech EM, Inc. -Alb, N.M.
Submission #: 9708000031
Project Name: PRIDE PETROLEUM SERVICES
Report Date: 08/20/97

SEMI-VOLATILES (EPA 8270)

<u>Analyte</u>	<u>Results(ug/kg)</u>	<u>Detection Limit</u>
4-Chloroaniline	<660	660
bis (2-Chloroethoxy) methane	<330	330
bis(2-Chloroethyl) ether	<330	330
bis(2-Chloroisopropyl) ether	<660	660
2-Chloronaphthalene	<330	330
2-Chlorophenol	<330	330
4-Chlorophenyl-phenylether	<660	660
Chrysene	<330	330
Dibenz (a,h) anthracene	<1650	1650
Dibenzofuran	<1650	1650
1,3-Dichlorobenzene	<330	330
1,4-Dichlorobenzene	<330	330
1,2-Dichlorobenzene	<330	330
3,3'-Dichlorobenzidine	<670	670
2,4-Dichlorophenol	<660	660
Diethylphthalate	<660	660
2,4-Dimethylphenol	<660	660
Dimethylphthalate	<660	660
Di-n-butylphthalate	<660	660
4,6-Dinitro-2-methylphenol	<660	660
2,4-Dinitrophenol	<1650	1650
2,6-Dinitrotoluene	<660	660
2,4-Dinitrotoluene	<660	660
Di-n-octylphthalate	<660	660
1,2-Diphenylhydrazine (as Azobenzene)	<660	660
bis (2-Ethylhexyl) phthalate	<660	660
Fluoranthene	<330	330
Fluorene	<330	330
Hexachlorobenzene	<330	330
Hexachlorobutadiene	<330	330
Hexachlorocyclopentadiene	<330	330
Hexachloroethane	<330	330
Indeno (1,2,3-cd) pyrene	<330	330
Isophorone	<660	660
2-Methylnaphthalene	<330	330
2-Methylphenol	<660	660
4-Methylphenol	<660	660
Naphthalene	<330	330
2-Nitroaniline	<660	660
4-Nitroaniline	<1650	1650
3-Nitroaniline	<1650	1650
Nitrobenzene	<660	660
2-Nitrophenol	<660	660
4-Nitrophenol	<1650	1650
N-Nitrosodimethylamine	<330	330
N-Nitrosodi-n-propylamine	<330	330
N-Nitrosodiphenylamine (1)	<660	660
Pentachlorophenol	<1650	1650
Phenanthrene	<330	330
Phenol	<330	330
Pyrene	<330	330
1,2,4-Trichlorobenzene	<330	330
2,4,6-Trichlorophenol	<660	660
2,4,5-Trichlorophenol	<660	660

W W W T U B E S
 AUG 28 1997
 RECEIVED

VOLATILES (EXPANDED EPA 8260)

Date Analyzed: 08/04/97

Client Name: Tetra Tech EM, Inc. -Alb, N.M.
Submission #: 9708000031
Project Name: PRIDE PETROLEUM SERVICES
Report Date: 08/20/97

VOLATILES (EXPANDED EPA 8260)

<u>Analyte</u>	<u>Results(ug/kg)</u>	<u>Detection Limit</u>
Acetone	<10	10
Benzene	<5.0	5.0
Bromobenzene	<5.0	5.0
Bromochloromethane	<15	15
Bromoform	<10	10
2-Butanone (MEK)	<20	20
Butyl Benzene (total)	31	10
Carbon Disulfide	<10	10
Carbon Tetrachloride	<3.0	3.0
Chlorobenzene	<5.0	5.0
Chlorodibromomethane	<5.0	5.0
Chloroethane	<10	10
Chloroform	<10	10
Chlorotoluenes (total)	<10	10
1,2-Dibromo-3-chloropropane	<5.0	5.0
1,2-Dibromoethane	<10	10
Dibromomethane	<10	10
1,2-Dichlorobenzene	<5.0	5.0
1,3-Dichlorobenzene	<5.0	5.0
1,4-Dichlorobenzene	<5.0	5.0
Dichlorobromomethane	<3.0	3.0
Dichlorodifluoromethane	<10	10
1,1-Dichloroethane	<5	5
1,2-Dichloroethane	<5.0	5.0
cis-1,2-Dichloroethene	<10	10
trans-1,2-Dichloroethene	<10	10
1,1-Dichloroethene	<5.0	5.0
1,2-Dichloropropane	<6.0	6.0
2,2-Dichloropropane	<5.0	5.0
cis-1,3-Dichloropropene	<6.0	6.0
trans-1,3-Dichloropropene	<6.0	6.0
1,1-Dichloropropene	<10	10
Ethyl Benzene	<8.0	8.0
Hexachlorobutadiene	<10	10
2-Hexanone	<10	10
Isopropyl Benzene	<5.0	5.0
p-Isopropyl toluene	40	5.0
4-Methyl-2-Pentanone	<5.0	5.0
Methyl Bromide	<10	10
Methyl Chloride	<10	10
Methylene Chloride	<15	15
Naphthalene	<10	10
n-Propyl benzene	<5.0	5.0
Styrene	<10	10
1,1,2,2-Tetrachloroethane	<5.0	5.0
1,1,1,2-Tetrachloroethane	<10	10
Tetrachloroethene	<3.0	3.0
Toluene	<3.0	3.0
Trichlorobenzenes (total)	<15	15
1,1,1-Trichloroethane	<5.0	5.0
1,1,2-Trichloroethane	<5.0	5.0
Trichloroethene	<5.0	5.0
Trichlorofluoromethane	<10	10
1,2,3-Trichloropropane	<5.0	5.0
Trimethylbenzenes (total)	35	10
Vinyl Acetate	<5.0	5.0
Vinyl Chloride	<2.0	2.0

Client Name: Tetra Tech EM, Inc. -Alb, N.M.
Submission #: 9708000031
Project Name: PRIDE PETROLEUM SERVICES
Report Date: 08/20/97

VOLATILES (EXPANDED EPA 8260)

<u>Analyte</u>	<u>Results(ug/kg)</u>	<u>Detection Limit</u>
Xylene (Total)	<10	10
ACROLEIN	<20 ug/kg	
ACRYLONITRILE	<20 ug/kg	
BIS (CHLOROMETHYL) ETHER	<660 ug/kg	
ALPHA,BETA,GAMMA,TECH-HCH	<660 ug/kg	
ISOPHORONE	<20 ug/kg	
N-NITROSOPYRROLIDINE	<660 ug/kg	
1-METHYLNAPHTHALENE	<330 ug/kg	

Client Sample #: MECHANICS PIT FLOOR COMPOSITE

Laboratory ID #: 88596 **Order Type:** Normal **Matrix:** Soil
Sample Container: 3x4oz EPA Approved Glass Jar\Aqua Lid
Sampling Location: LOVINGTON, NM
Sampling Date: 08/01/97
Temperature (Celcius): 4

SEMI-VOLATILES (EPA 8270)

Semi-Volatile prep date: 08/05/97

<u>Analyte</u>	<u>Results(ug/kg)</u>	<u>Detection Limit</u>
Acenaphthene	<330	330
Acenaphthylene	<330	330
Aniline	<1650	1650
Anthracene	<330	330
Benzidine	<2500	2500
Benzo (a) anthracene	<330	330
Benzo (a) pyrene	<660	660
Benzo (b) fluoranthene	<660	660
Benzo (g,h,i) perylene	<330	330
Benzoic Acid	<1650	1650
Benzo (k) fluoranthene	<660	660
Benzyl Alcohol	<660	660
4-Bromophenyl-phenylether	<660	660
Butylbenzylphthalate	<660	660
Carbazole	<660	660
4-Chloro-3-methylphenol	<660	660
4-Chloroaniline	<660	660
bis (2-Chloroethoxy) methane	<330	330
bis(2-Chloroethyl) ether	<330	330
bis(2-Chloroisopropyl) ether	<660	660
2-Chloronaphthalene	<330	330
2-Chlorophenol	<330	330
4-Chlorophenyl-phenylether	<660	660
Chrysene	<330	330
Dibenz (a,h) anthracene	<1650	1650
Dibenzofuran	<1650	1650
1,3-Dichlorobenzene	<330	330
1,4-Dichlorobenzene	<330	330
1,2-Dichlorobenzene	<330	330
3,3'-Dichlorobenzidine	<670	670
2,4-Dichlorophenol	<660	660
Diethylphthalate	<660	660
2,4-Dimethylphenol	<660	660
Dimethylphthalate	<660	660
Di-n-butylphthalate	<660	660
4,6-Dinitro-2-methylphenol	<660	660
2,4-Dinitrophenol	<1650	1650
2,6-Dinitrotoluene	<660	660
2,4-Dinitrotoluene	<660	660

Client Name: Tetra Tech EM, Inc. -Alb, N.M.
Submission #: 9708000031
Project Name: PRIDE PETROLEUM SERVICES
Report Date: 08/20/97

SEMI-VOLATILES (EPA 8270)

Analyte	Results(ug/kg)	Detection Limit
Di-n-octylphthalate	<660	660
1,2-Diphenylhydrazine (as Azobenzene)	<660	660
bis (2-Ethylhexyl) phthalate	<660	660
Fluoranthene	<330	330
Fluorene	<330	330
Hexachlorobenzene	<330	330
Hexachlorobutadiene	<330	330
Hexachlorocyclopentadiene	<330	330
Hexachloroethane	<330	330
Indeno (1,2,3-cd) pyrene	<330	330
Isophorone	<660	660
2-Methylnaphthalene	<330	330
2-Methylphenol	<660	660
4-Methylphenol	<660	660
Naphthalene	<330	330
2-Nitroaniline	<660	660
4-Nitroaniline	<1650	1650
3-Nitroaniline	<1650	1650
Nitrobenzene	<660	660
2-Nitrophenol	<660	660
4-Nitrophenol	<1650	1650
N-Nitrosodimethylamine	<330	330
N-Nitrosodi-n-propylamine	<330	330
N-Nitrosodiphenylamine (1)	<660	660
Pentachlorophenol	<1650	1650
Phenanthrene	<330	330
Phenol	<330	330
Pyrene	<330	330
1,2,4-Trichlorobenzene	<330	330
2,4,6-Trichlorophenol	<660	660
2,4,5-Trichlorophenol	<660	660

VOLATILES (EXPANDED EPA 8260)

Date Analyzed: 08/04/97

Analyte	Results(ug/kg)	Detection Limit
Acetone	<10	10
Benzene	<5.0	5.0
Bromobenzene	<5.0	5.0
Bromochloromethane	<15	15
Bromoform	<10	10
2-Butanone (MEK)	<20	20
Butyl Benzene (total)	<10	10
Carbon Disulfide	<10	10
Carbon Tetrachloride	<3.0	3.0
Chlorobenzene	<5.0	5.0
Chlorodibromomethane	<5.0	5.0
Chloroethane	<10	10
Chloroform	<10	10
Chlorotoluenes (total)	<10	10
1,2-Dibromo-3-chloropropane	<5.0	5.0
1,2-Dibromoethane	<10	10
Dibromomethane	<10	10
1,2-Dichlorobenzene	<5.0	5.0
1,3-Dichlorobenzene	<5.0	5.0
1,4-Dichlorobenzene	<5.0	5.0
Dichlorobromomethane	<3.0	3.0
Dichlorodifluoromethane	<10	10
1,1-Dichloroethane	<5	5

Client Name: Tetra Tech EM, Inc. -Alb, N.M.
Submission #: 9708000031
Project Name: PRIDE PETROLEUM SERVICES
Report Date: 08/20/97

VOLATILES (EXPANDED EPA 8260)

Analyte	Results(ug/kg)	Detection Limit
1,2-Dichloroethane	<5.0	5.0
cis-1,2-Dichloroethene	<10	10
trans-1,2-Dichloroethene	<10	10
1,1-Dichloroethene	<5.0	5.0
1,2-Dichloropropane	<6.0	6.0
2,2-Dichloropropane	<5.0	5.0
cis-1,3-Dichloropropene	<6.0	6.0
trans-1,3-Dichloropropene	<6.0	6.0
1,1-Dichloropropene	<10	10
Ethyl Benzene	<8.0	8.0
Hexachlorobutadiene	<10	10
2-Hexanone	<10	10
Isopropyl Benzene	<5.0	5.0
p-Isopropyl toluene	<5.0	5.0
4-Methyl-2-Pentanone	<5.0	5.0
Methyl Bromide	<10	10
Methyl Chloride	<10	10
Methylene Chloride	<15	15
Naphthalene	<10	10
n-Propyl benzene	<5.0	5.0
Styrene	<10	10
1,1,2,2-Tetrachloroethane	<5.0	5.0
1,1,1,2-Tetrachloroethane	<10	10
Tetrachloroethene	<3.0	3.0
Toluene	<3.0	3.0
Trichlorobenzenes (total)	<15	15
1,1,1-Trichloroethane	<5.0	5.0
1,1,2-Trichloroethane	<5.0	5.0
Trichloroethene	<5.0	5.0
Trichlorofluoromethane	<10	10
1,2,3-Trichloropropane	<5.0	5.0
Trimethylbenzenes (total)	<10	10
Vinyl Acetate	<5.0	5.0
Vinyl Chloride	<2.0	2.0
Xylene (Total)	<10	10
ACROLEIN	<20 ug/kg	
ACRYLONITRILE	<20 ug/kg	
BIS (CHLOROMETHYL) ETHER	<660 ug/kg	
ALPHA,BETA,GAMMA,TECH-HCH	<660 ug/kg	
ISOPHORONE	<20 ug/kg	
N-NITROSOPYRROLIDINE	<660 ug/kg	
1-METHYLNAPHTHALENE	<330 ug/kg	

Client Sample #: MECHANICS PIT WALL COMPOSITE

Laboratory ID #: 88597 **Order Type:** Normal **Matrix:** Soil
Sample Container: 3x4oz EPA Approved Glass Jar\Aqua Lid
Sampling Location: LOVINGTON, NM
Sampling Date: 08/01/97
Temperature (Celcius): 4

SEMI-VOLATILES (EPA 8270)

Semi-Volatile prep date: 08/05/97

Analyte	Results(ug/kg)	Detection Limit
Acenaphthene	<330	330
Acenaphthylene	<330	330
Aniline	<1650	1650
Anthracene	<330	330
Benzidine	<2500	2500

Client Name: Tetra Tech EM, Inc. -Alb, N.M.
Submission #: 9708000031
Project Name: PRIDE PETROLEUM SERVICES
Report Date: 08/20/97

SEMI-VOLATILES (EPA 8270)

<u>Analyte</u>	<u>Results(ug/kg)</u>	<u>Detection Limit</u>
Benzo (a) anthracene	<330	330
Benzo (a) pyrene	<660	660
Benzo (b) fluoranthene	<660	660
Benzo (g,h,i) perylene	<330	330
Benzoic Acid	<1650	1650
Benzo (k) fluoranthene	<660	660
Benzyl Alcohol	<660	660
4-Bromophenyl-phenylether	<660	660
Butylbenzylphthalate	<660	660
Carbazole	<660	660
4-Chloro-3-methylphenol	<660	660
4-Chloroaniline	<660	660
bis (2-Chloroethoxy) methane	<330	330
bis(2-Chloroethyl) ether	<330	330
bis(2-Chloroisopropyl) ether	<660	660
2-Chloronaphthalene	<330	330
2-Chlorophenol	<330	330
4-Chlorophenyl-phenylether	<660	660
Chrysene	<330	330
Dibenz (a,h) anthracene	<1650	1650
Dibenzofuran	<1650	1650
1,3-Dichlorobenzene	<330	330
1,4-Dichlorobenzene	<330	330
1,2-Dichlorobenzene	<330	330
3,3'-Dichlorobenzidine	<670	670
2,4-Dichlorophenol	<660	660
Diethylphthalate	<660	660
2,4-Dimethylphenol	<660	660
Dimethylphthalate	<660	660
Di-n-butylphthalate	<660	660
4,6-Dinitro-2-methylphenol	<660	660
2,4-Dinitrophenol	<1650	1650
2,6-Dinitrotoluene	<660	660
2,4-Dinitrotoluene	<660	660
Di-n-octylphthalate	<660	660
1,2-Diphenylhydrazine (as Azobenzene)	<660	660
bis (2-Ethylhexyl) phthalate	<660	660
Fluoranthene	<330	330
Fluorene	<330	330
Hexachlorobenzene	<330	330
Hexachlorobutadiene	<330	330
Hexachlorocyclopentadiene	<330	330
Hexachloroethane	<330	330
Indeno (1,2,3-cd) pyrene	<330	330
Isophorone	<660	660
2-Methylnaphthalene	<330	330
2-Methylphenol	<660	660
4-Methylphenol	<660	660
Naphthalene	<330	330
2-Nitroaniline	<660	660
4-Nitroaniline	<1650	1650
3-Nitroaniline	<1650	1650
Nitrobenzene	<660	660
2-Nitrophenol	<660	660
4-Nitrophenol	<1650	1650
N-Nitrosodimethylamine	<330	330
N-Nitrosodi-n-propylamine	<330	330
N-Nitrosodiphenylamine (1)	<660	660

ALL RESULTS
 AUG 23 1997
 LAB 200-5000

Client Name: Tetra Tech EM, Inc. -Alb, N.M.
Submission #: 9708000031
Project Name: PRIDE PETROLEUM SERVICES
Report Date: 08/20/97

SEMI-VOLATILES (EPA 8270)

Analyte	Results(ug/kg)	Detection Limit
Pentachlorophenol	<1650	1650
Phenanthrene	<330	330
Phenol	<330	330
Pyrene	<330	330
1,2,4-Trichlorobenzene	<330	330
2,4,6-Trichlorophenol	<660	660
2,4,5-Trichlorophenol	<660	660

VOLATILES (EXPANDED EPA 8260)

Date Analyzed: 08/04/97

Analyte	Results(ug/kg)	Detection Limit
Acetone	<10	10
Benzene	<5.0	5.0
Bromobenzene	<5.0	5.0
Bromochloromethane	<15	15
Bromoform	<10	10
2-Butanone (MEK)	<20	20
Butyl Benzene (total)	<10	10
Carbon Disulfide	<10	10
Carbon Tetrachloride	<3.0	3.0
Chlorobenzene	<5.0	5.0
Chlorodibromomethane	<5.0	5.0
Chloroethane	<10	10
Chloroform	<10	10
Chlorotoluenes (total)	<10	10
1,2-Dibromo-3-chloropropane	<5.0	5.0
1,2-Dibromoethane	<10	10
Dibromomethane	<10	10
1,2-Dichlorobenzene	<5.0	5.0
1,3-Dichlorobenzene	<5.0	5.0
1,4-Dichlorobenzene	<5.0	5.0
Dichlorobromomethane	<3.0	3.0
Dichlorodifluoromethane	<10	10
1,1-Dichloroethane	<5	5
1,2-Dichloroethane	<5.0	5.0
cis-1,2-Dichloroethene	<10	10
trans-1,2-Dichloroethene	<10	10
1,1-Dichloroethene	<5.0	5.0
1,2-Dichloropropane	<6.0	6.0
2,2-Dichloropropane	<5.0	5.0
cis-1,3-Dichloropropene	<6.0	6.0
trans-1,3-Dichloropropene	<6.0	6.0
1,1-Dichloropropene	<10	10
Ethyl Benzene	<8.0	8.0
Hexachlorobutadiene	<10	10
2-Hexanone	<10	10
Isopropyl Benzene	<5.0	5.0
p-Isopropyl toluene	<5.0	5.0
4-Methyl-2-Pentanone	<5.0	5.0
Methyl Bromide	<10	10
Methyl Chloride	<10	10
Methylene Chloride	<15	15
Naphthalene	<10	10
n-Propyl benzene	<5.0	5.0
Styrene	<10	10
1,1,2,2-Tetrachloroethane	<5.0	5.0
1,1,1,2-Tetrachloroethane	<10	10
Tetrachloroethene	<3.0	3.0

COPIES
MADE
4/12/97
REMOVED

Client Name: Tetra Tech EM, Inc. -Alb, N.M.
Submission #: 9708000031
Project Name: PRIDE PETROLEUM SERVICES
Report Date: 08/20/97

VOLATILES (EXPANDED EPA 8260)

Analyte	Results(ug/kg)	Detection Limit
Toluene	<3.0	3.0
Trichlorobenzenes (total)	<15	15
1,1,1-Trichloroethane	<5.0	5.0
1,1,2-Trichloroethane	<5.0	5.0
Trichloroethene	<5.0	5.0
Trichlorofluoromethane	<10	10
1,2,3-Trichloropropane	<5.0	5.0
Trimethylbenzenes (total)	<10	10
Vinyl Acetate	<5.0	5.0
Vinyl Chloride	<2.0	2.0
Xylene (Total)	<10	10
ACROLEIN	<20 ug/kg	
ACRYLONITRILE	<20 ug/kg	
BIS (CHLOROMETHYL) ETHER	<660 ug/kg	
ALPHA,BETA,GAMMA,TECH-HCH	<660 ug/kg	
ISOPHORONE	<20 ug/kg	
N-NITROSOPYRROLIDINE	<660 ug/kg	
1-METHYLNAPHTHALENE	<330 ug/kg	

Client Sample #: WASH BAY SOIL PILE

Laboratory ID #: 88598 **Order Type:** Normal **Matrix:** Soil
Sample Container: 3x4oz EPA Glass Jar\Aqua Lid,Methanol Jar
Sampling Location: LOVINGTON, NM
Sampling Date: 08/01/97
Temperature (Celcius): 4

BTEX/TPH (EPA 8020/MOD 8015 GAS-RANGE)

Analyte	Results	Detection Limit
Benzene	<0.40	0.40
Toluene	<0.50	0.50
Ethyl Benzene	<0.50	0.50
Xylenes	<0.50	0.50
TPH	<10	10

BTEX results are reported in parts per million (ppm) in soil and parts per billion (ppb) in water and air. TPH results are reported in parts per million (ppm) in soil, air, and water.

MERCURY DIGESTION, TCLP (EPA 7470)

Mercury Digestion Date: 08/06/97

MICROWAVE DIGESTION, TCLP (EPA 3015)

Microwave Digestion Date: 08/05/97

TCLP HERBICIDES (EPA 8150A)

Prep Date: 08/06/97

C.A.S.#	Analyte	Results(mg/l)	Detection Limit	Haz.Limit
94-75-7	2,4-D	<0.010	0.010	10
93-72-1	2,4,5-TP (Silvex)	<0.003	0.003	1

TCLP NON-VOLATILE EXTRACTION (EPA 1311)

TCLP Extraction Date: 08/05/97

TCLP PESTICIDES (EPA 8080A)

Prep Date: 08/06/97

C.A.S.#	Analyte	Results(mg/l)	Detection Limit	Haz.Limit
58-89-9	gamma-BHC (Lindane)	<0.010	0.010	0.04
57-74-9	Chlordane	<0.010	0.010	0.03

Client Name: Tetra Tech EM, Inc. -Alb, N.M.
Submission #: 9708000031
Project Name: PRIDE PETROLEUM SERVICES
Report Date: 08/20/97

TCLP PESTICIDES (EPA 8080A)

<u>C.A.S.#</u>	<u>Analyte</u>	<u>Results(mg/l)</u>	<u>Detection Limit</u>	<u>Haz.Limit</u>
72-20-8	Endrin	<0.010	0.010	0.02
76-44-8	Heptachlor	<0.005	0.005	0.008
1024-57-3	Heptachlor Epoxide	<0.005	0.005	0.008
72-43-5	Methoxychlor	<0.010	0.010	10.0
8001-35-2	Toxaphene	<0.010	0.010	0.5

TCLP RCRA MERCURY (EPA 7470)

<u>C.A.S.#</u>	<u>Analyte</u>	<u>Results(mg/l)</u>	<u>Detection Limit</u>	<u>Haz.Limit</u>
7439-97-6	TCLP Mercury	<0.0004	0.0004	0.2

TCLP RCRA METALS (EPA 6010)

<u>C.A.S.#</u>	<u>Analyte</u>	<u>Results(mg/l)</u>	<u>Detection Limit</u>	<u>Haz.Limit</u>
7440-38-2	Arsenic	0.174	0.061	5
7440-39-3	Barium	0.976	0.001	100
7440-43-9	Cadmium	<0.008	0.008	1
7440-47-3	Chromium	<0.0075	0.0075	5
7439-92-1	Lead	<0.040	0.040	5
7482-49-2	Selenium	<0.050	0.050	1
7440-39-2	Silver	<0.030	0.030	5

TCLP SEMI-VOLATILES (EPA 8270)

Prep Date:: 08/06/97

<u>C.A.S.#</u>	<u>Analyte</u>	<u>Results(mg/l)</u>	<u>Detection Limit</u>	<u>Haz.Limit</u>
no C.A.S.	Cresol (Total)	<1.0	1.0	200.0
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.20	0.20	0.5
67-72-1	Hexachloroethane	<0.10	0.10	3.0
98-95-3	Nitrobenzene	<0.50	0.50	2.0
87-86-5	Pentachlorophenol	<0.20	0.20	100.0
110-86-1	Pyridine	<0.50	0.50	5.0
95-95-4	2,4,5-Trichlorophenol	<0.50	0.50	400.0
88-06-2	2,4,6-Trichlorophenol	<0.50	0.50	2.0

TCLP VOLATILES (EPA 8260)

Date analyzed: 08/06/97

<u>C.A.S.#</u>	<u>Analyte</u>	<u>Results(mg/l)</u>	<u>Detection Limit</u>	<u>Haz.Limit</u>
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6.0
106-46-7	1,4-Dichlorobenzene	<0.10	0.10	7.5
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethylene	<0.10	0.10	0.7
78-93-3	Methyl Ethyl Ketone	<0.10	0.10	200.0
127-18-4	Tetrachloroethylene	<0.10	0.10	0.7
79-01-6	Trichloroethylene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

TCLP ZHE FOR VOLATILE ORGANICS (EPA 1311)

TCLP ZHE Extraction Date: 08/05/97

Client Name: Tetra Tech EM, Inc. -Alb, N.M.
Submission #: 9708000031
Project Name: PRIDE PETROLEUM SERVICES
Report Date: 08/20/97

Client Sample #: MECHANICS PIT SOIL PILE

Laboratory ID #: 88599 Order Type: Normal Matrix: Soil
Sample Container: 3x4oz EPA Glass Jar\Aqua Lid,Methanol Jar
Sampling Location: LOVINGTON, NM
Sampling Date: 08/01/97
Temperature (Celcius):4

BTEX/TPH (EPA 8020/MOD 8015 GAS-RANGE)

Analyte	Results	Detection Limit
Benzene	<0.40	0.40
Toluene	<0.50	0.50
Ethyl Benzene	<0.50	0.50
Xylenes	<0.50	0.50
TPH	<10	10

BTEX results are reported in parts per million (ppm) in soil and parts per billion (ppb) in water and air. TPH results are reported in parts per million (ppm) in soil, air, and water.

MERCURY DIGESTION, TCLP (EPA 7470)

Mercury Digestion Date: 08/06/97

MICROWAVE DIGESTION, TCLP (EPA 3015)

Microwave Digestion Date: 08/05/97

TCLP HERBICIDES (EPA 8150A)

Prep Date: 08/06/97

C.A.S.#	Analyte	Results(mg/l)	Detection Limit	Haz.Limit
94-75-7	2,4-D	<0.010	0.010	10
93-72-1	2,4,5-TP (Silvex)	<0.003	0.003	1

TCLP NON-VOLATILE EXTRACTION (EPA 1311)

TCLP Extraction Date: 08/05/97

TCLP PESTICIDES (EPA 8080A)

Prep Date: 08/06/97

C.A.S.#	Analyte	Results(mg/l)	Detection Limit	Haz.Limit
58-89-9	gamma-BHC (Lindane)	<0.010	0.010	0.04
57-74-9	Chlordane	<0.010	0.010	0.03
72-20-8	Endrin	<0.010	0.010	0.02
76-44-8	Heptachlor	<0.005	0.005	0.008
1024-57-3	Heptachlor Epoxide	<0.005	0.005	0.008
72-43-5	Methoxychlor	<0.010	0.010	10.0
8001-35-2	Toxaphene	<0.010	0.010	0.5

TCLP RCRA MERCURY (EPA 7470)

C.A.S.#	Analyte	Results(mg/l)	Detection Limit	Haz.Limit
7439-97-6	TCLP Mercury	0.001	0.0004	0.2

TCLP RCRA METALS (EPA 6010)

C.A.S.#	Analyte	Results(mg/l)	Detection Limit	Haz.Limit
7440-38-2	Arsenic	<0.061	0.061	5
7440-39-3	Barium	1.12	0.001	100
7440-43-9	Cadmium	<0.008	0.008	1
7440-47-3	Chromium	<0.0075	0.0075	5
7439-92-1	Lead	0.062	0.040	5
7482-49-2	Selenium	<0.050	0.050	1

Client Name: Tetra Tech EM, Inc. -Alb, N.M.
Submission #: 9708000031
Project Name: PRIDE PETROLEUM SERVICES
Report Date: 08/20/97

TCLP RCRA METALS (EPA 6010)

<u>C.A.S.#</u>	<u>Analyte</u>	<u>Results(mg/l)</u>	<u>Detection Limit</u>	<u>Haz.Limit</u>
7440-39-2	Silver	<0.030	0.030	5

TCLP SEMI-VOLATILES (EPA 8270)

Prep Date:: 08/06/97

<u>C.A.S.#</u>	<u>Analyte</u>	<u>Results(mg/l)</u>	<u>Detection Limit</u>	<u>Haz.Limit</u>
no C.A.S.	Cresol (Total)	<1.0	1.0	200.0
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.20	0.20	0.5
67-72-1	Hexachloroethane	<0.10	0.10	3.0
98-95-3	Nitrobenzene	<0.50	0.50	2.0
87-86-5	Pentachlorophenol	<0.20	0.20	100.0
110-86-1	Pyridine	<0.50	0.50	5.0
95-95-4	2,4,5-Trichlorophenol	<0.50	0.50	400.0
88-06-2	2,4,6-Trichlorophenol	<0.50	0.50	2.0

TCLP VOLATILES (EPA 8260)

Date analyzed: 08/06/97

<u>C.A.S.#</u>	<u>Analyte</u>	<u>Results(mg/l)</u>	<u>Detection Limit</u>	<u>Haz.Limit</u>
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6.0
106-46-7	1,4-Dichlorobenzene	<0.10	0.10	7.5
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethylene	<0.10	0.10	0.7
78-93-3	Methyl Ethyl Ketone	<0.10	0.10	200.0
127-18-4	Tetrachloroethylene	<0.10	0.10	0.7
79-01-6	Trichloroethylene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

TCLP ZHE FOR VOLATILE ORGANICS (EPA 1311)

TCLP ZHE Extraction Date: 08/05/97

Client Sample #: SURFACE STAINED SOIL PILE

Laboratory ID #: 88600 Order Type: Normal Matrix: Soil
Sample Container: 3x4oz EPA Glass Jar\Aqua Lid,Methanol Jar
Sampling Location: LOVINGTON, NM
Sampling Date: 08/01/97
Temperature (Celcius):4

BTEX/TPH (EPA 8020/MOD 8015 GAS-RANGE)

<u>Analyte</u>	<u>Results</u>	<u>Detection Limit</u>
Benzene	<0.40	0.40
Toluene	<0.50	0.50
Ethyl Benzene	<0.50	0.50
Xylenes	<0.50	0.50
TPH	<10	10

BTEX results are reported in parts per million (ppm) in soil and parts per billion (ppb) in water and air. TPH results are reported in parts per million (ppm) in soil, air, and water.

MERCURY DIGESTION, TCLP (EPA 7470)

Mercury Digestion Date: 08/06/97

Client Name: Tetra Tech EM, Inc. -Alb, N.M.
Submission #: 9708000031
Project Name: PRIDE PETROLEUM SERVICES
Report Date: 08/20/97

MICROWAVE DIGESTION, TCLP (EPA 3015)

Microwave Digestion Date: 08/05/97

TCLP HERBICIDES (EPA 8150A)

Prep Date: 08/06/97

<u>C.A.S.#</u>	<u>Analyte</u>	<u>Results(mg/l)</u>	<u>Detection Limit</u>	<u>Haz.Limit</u>
94-75-7	2,4-D	<0.010	0.010	10
93-72-1	2,4,5-TP (Silvex)	<0.003	0.003	1

TCLP NON-VOLATILE EXTRACTION (EPA 1311)

TCLP Extraction Date: 08/05/97

TCLP PESTICIDES (EPA 8080A)

Prep Date: 08/06/97

<u>C.A.S.#</u>	<u>Analyte</u>	<u>Results(mg/l)</u>	<u>Detection Limit</u>	<u>Haz.Limit</u>
58-89-9	gamma-BHC (Lindane)	<0.010	0.010	0.04
57-74-9	Chlordane	<0.010	0.010	0.03
72-20-8	Endrin	<0.010	0.010	0.02
76-44-8	Heptachlor	<0.005	0.005	0.008
1024-57-3	Heptachlor Epoxide	<0.005	0.005	0.008
72-43-5	Methoxychlor	<0.010	0.010	10.0
8001-35-2	Toxaphene	<0.010	0.010	0.5

TCLP RCRA MERCURY (EPA 7470)

<u>C.A.S.#</u>	<u>Analyte</u>	<u>Results(mg/l)</u>	<u>Detection Limit</u>	<u>Haz.Limit</u>
7439-97-6	TCLP Mercury	0.0007	0.0004	0.2

TCLP RCRA METALS (EPA 6010)

<u>C.A.S.#</u>	<u>Analyte</u>	<u>Results(mg/l)</u>	<u>Detection Limit</u>	<u>Haz.Limit</u>
7440-38-2	Arsenic	<0.061	0.061	5
7440-39-3	Barium	1.11	0.001	100
7440-43-9	Cadmium	<0.008	0.008	1
7440-47-3	Chromium	<0.0075	0.0075	5
7439-92-1	Lead	<0.040	0.040	5
7482-49-2	Selenium	0.068	0.050	1
7440-39-2	Silver	<0.030	0.030	5

TCLP SEMI-VOLATILES (EPA 8270)

Prep Date:: 08/06/97

<u>C.A.S.#</u>	<u>Analyte</u>	<u>Results(mg/l)</u>	<u>Detection Limit</u>	<u>Haz.Limit</u>
no C.A.S.	Cresol (Total)	<1.0	1.0	200.0
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.20	0.20	0.5
67-72-1	Hexachloroethane	<0.10	0.10	3.0
98-95-3	Nitrobenzene	<0.50	0.50	2.0
87-86-5	Pentachlorophenol	<0.20	0.20	100.0
110-86-1	Pyridine	<0.50	0.50	5.0
95-95-4	2,4,5-Trichlorophenol	<0.50	0.50	400.0
88-06-2	2,4,6-Trichlorophenol	<0.50	0.50	2.0

TCLP VOLATILES (EPA 8260)

Date analyzed: 08/06/97

<u>C.A.S.#</u>	<u>Analyte</u>	<u>Results(mg/l)</u>	<u>Detection Limit</u>	<u>Haz.Limit</u>
71-43-2	Benzene	<0.10	0.10	0.5

Client Name: Tetra Tech EM, Inc. -Alb, N.M.
Submission #: 9708000031
Project Name: PRIDE PETROLEUM SERVICES
Report Date: 08/20/97

TCLP VOLATILES (EPA 8260)

<u>C.A.S.#</u>	<u>Analyte</u>	<u>Results(mg/l)</u>	<u>Detection Limit</u>	<u>Haz.Limit</u>
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6.0
106-46-7	1,4-Dichlorobenzene	<0.10	0.10	7.5
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethylene	<0.10	0.10	0.7
78-93-3	Methyl Ethyl Ketone	<0.10	0.10	200.0
127-18-4	Tetrachloroethylene	<0.10	0.10	0.7
79-01-6	Trichloroethylene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

TCLP ZHE FOR VOLATILE ORGANICS (EPA 1311)

TCLP ZHE Extraction Date: 08/05/97

Client Sample #: WASH BAY FLOOR COMPOSITE

Laboratory ID #: 89074 Order Type: Normal Matrix: Soil
Sample Container: 4oz EPA Approved Glass Jar\Aqua Lid
Sampling Location: LOVINGTON, NM
Sampling Date: 08/01/97
Temperature (Celcius):4

TPH DIESEL-RANGE (MOD 8015)

<u>Analyte</u>	<u>Results(mg/kg)</u>	<u>Detection Limit</u>
Diesel-Range Petroleum Hydrocarbons	62	5.0
Sample contains 37 mG/kG oil.		

Client Sample #: WASH BAY WALL COMPOSITE

Laboratory ID #: 89075 Order Type: Normal Matrix: Soil
Sample Container: 4oz EPA Approved Glass Jar\Aqua Lid
Sampling Location: LOVINGTON, NM
Sampling Date: 08/01/97
Temperature (Celcius):4

TPH DIESEL-RANGE (MOD 8015)

<u>Analyte</u>	<u>Results(mg/kg)</u>	<u>Detection Limit</u>
Diesel-Range Petroleum Hydrocarbons	21	5.0
Sample contains 29 mG/kG oil.		

Client Sample #: MECHANICS PIT FLOOR COMPOSITE

Laboratory ID #: 89076 Order Type: Normal Matrix: Soil
Sample Container: 4oz EPA Approved Glass Jar\Aqua Lid
Sampling Location: LOVINGTON, NM
Sampling Date: 08/01/97
Temperature (Celcius):4

TPH DIESEL-RANGE (MOD 8015)

<u>Analyte</u>	<u>Results(mg/kg)</u>	<u>Detection Limit</u>
Diesel-Range Petroleum Hydrocarbons	<5.0	5.0
Sample contains 64 mG/kG oil.		

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AUG 2 4 1997
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Client Name: Tetra Tech EM, Inc. -Alb, N.M.
Submission #: 9708000031
Project Name: PRIDE PETROLEUM SERVICES
Report Date: 08/20/97

Client Sample #: MECHANICS PIT WALL COMPOSITE

Laboratory ID #: 89077 **Order Type:** Normal **Matrix:** Soil
Sample Container: 4oz EPA Approved Glass Jar\Aqua Lid
Sampling Location: LOVINGTON, NM
Sampling Date: 08/01/97
Temperature (Celcius): 4

TPH DIESEL-RANGE (MOD 8015)

<u>Analyte</u>	<u>Results(mg/kg)</u>	<u>Detection Limit</u>
Diesel-Range Petroleum Hydrocarbons	<5.0	5.0
Sample contains 16 mG/kG oil.		

Client Sample #: WASH BAY SOIL PILE

Laboratory ID #: 89190 **Order Type:** Additional **Matrix:** Soil
Sample Container: 4oz EPA Approved Glass Jar\Aqua Lid
Sampling Location: LOVINGTON, NM
Sampling Date: 08/01/97
Temperature (Celcius): 4

CORROSIVITY (EPA 9040)

<u>Analyte</u>	<u>Results</u>	<u>Detection Limit</u>
Corrosivity	7.0	

IGNITABILITY (ASTM D92)

Ignitability: DOES NOT IGNITE AT ROOM TEMPERATURE; NOT HAZARDOUS

REACTIVITY (FULL)

Reactive Cyanide (EPA 9010): <0.2 mg/kg
Reactive Sulfide (EPA 9030): 893 mg/kg
Reactivity To Air: Negative
Reactivity To Diluted HCl: Negative
Reactivity To Diluted NaOH: Negative
Reactivity To Water: Negative

Client Sample #: MECHANICS PIT SOIL PILE

Laboratory ID #: 89191 **Order Type:** Additional **Matrix:** Soil
Sample Container: 4oz EPA Approved Glass Jar\Aqua Lid
Sampling Location: LOVINGTON, NM
Sampling Date: 08/01/97
Temperature (Celcius): 4

CORROSIVITY (EPA 9040)

<u>Analyte</u>	<u>Results</u>	<u>Detection Limit</u>
Corrosivity	6.5	

IGNITABILITY (ASTM D92)

Ignitability: DOES NOT IGNITE AT ROOM TEMPERATURE; NOT HAZARDOUS

REACTIVITY (FULL)

Reactive Cyanide (EPA 9010): <0.2 mg/kg
Reactive Sulfide (EPA 9030): 120 mg/kg
Reactivity To Air: Negative
Reactivity To Diluted HCl: Negative
Reactivity To Diluted NaOH: Negative

Client Name: Tetra Tech EM, Inc. -Alb, N.M.
Submission #: 9708000031
Project Name: PRIDE PETROLEUM SERVICES
Report Date: 08/20/97

REACTIVITY (FULL)

Reactivity To Water: Negative

Client Sample #: SURFACE STAINED SOIL PILE

Laboratory ID #: 89192 *Order Type:* Additional Matrix: Soil
Sample Container: 4oz EPA Approved Glass Jar\Aqua Lid
Sampling Location: LOVINGTON, NM
Sampling Date: 08/01/97
Temperature (Celcius): 4

CORROSIVITY (EPA 9040)

<u>Analyte</u>	<u>Results</u>	<u>Detection Limit</u>
Corrosivity	6.0	

IGNITABILITY (ASTM D92)

Ignitability: DOES NOT IGNITE AT ROOM TEMPERATURE; NOT HAZARDOUS

REACTIVITY (FULL)

Reactive Cyanide (EPA 9010): <0.2 mg/kg
Reactive Sulfide (EPA 9030): 195 mg/kg
Reactivity To Air: Negative
Reactivity To Diluted HCl: Negative
Reactivity To Diluted NaOH: Negative
Reactivity To Water: Negative

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Report To: Tetra Tech EM, Inc.

Lab Number: 9708000031

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Project: Pride Petroleum Services

QUALITY CONTROL DATA

<u>METHOD</u>	<u>ANALYST</u>	<u>MATRIX</u>	<u>DATE EXTRACTED</u>	<u>DATE ANALYZED</u>		
BTEX 8020	Howard Hayden	Solid	8/4/97	8/4/97		
<u>SPIKE COMPOUND</u>	<u>SPIKE AMOUNT</u>	<u>% REC 1</u>	<u>% REC 2</u>	<u>% REC QC LIMIT</u>	<u>% VAR.</u>	<u>% VAR QC LIMIT</u>
Benzene	100 ppb	96.2	111	80-120	13	20.0
Toluene	100 ppb	96.5	111	80-120	13	20.0
Ethyl Benzene	100 ppb	96.9	112	80-120	13	20.0
Xylenes	300 ppb	106	115	80-120	7.8	20.0

TCLP VOLATILE ORGANICS QUALITY CONTROL DATA

<u>METHOD</u>	<u>ANALYST</u>	<u>MATRIX</u>	<u>DATE EXTRACTED</u>	<u>DATE ANALYZED</u>		
8260	Howard Hayden	Liquid	----	8/6/97		
<u>SPIKE COMPOUND</u>	<u>SPIKE AMOUNT</u>	<u>% REC 1</u>	<u>% REC 2</u>	<u>% REC QC LIMIT</u>	<u>% VAR.</u>	<u>% VAR QC LIMIT</u>
1,1-Dichloroethene	20 ppb	94.3	99.8	20-234	5.5	25.0
Trichloroethene	20 ppb	102	98.6	71-157	3.3	25.0
Benzene	20 ppb	108	106	37-151	1.9	25.0
Toluene	20 ppb	104	100	47-150	3.8	25.0
Chlorobenzene	20 ppb	109	103	37-160	5.5	25.0

TCLP SEMI-VOLATILES QUALITY CONTROL DATA

<u>METHOD</u>	<u>ANALYST</u>	<u>MATRIX</u>	<u>DATE EXTRACTED</u>	<u>DATE ANALYZED</u>		
8270	Dennis Shaw	Liquid	8/6/97	8/6/97		
<u>SPIKE COMPOUND</u>	<u>SPIKE AMOUNT</u>	<u>% REC 1</u>	<u>% REC 2</u>	<u>% REC QC LIMIT</u>	<u>% VAR.</u>	<u>% VAR QC LIMIT</u>
Phenol	200 ppb	73.3	74.2	10-120	1.23	42.0
2-Chlorophenol	200 ppb	80.4	81.6	23-134	1.46	40.0
Acenaphthene	100 ppb	91.9	99.4	47-145	7.62	31.0
Pyrene	100 ppb	103	111	52-125	6.61	31.0

Report To: Tetra Tech EM, Inc.
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Project: Pride Petroleum Services

TCLP PESTICIDES QUALITY CONTROL DATA

<u>METHOD</u>	<u>ANALYST</u>	<u>MATRIX</u>	<u>DATE EXTRACTED</u>	<u>DATE ANALYZED</u>		
8080	Dennis Shaw	Liquid	8/6/97	8/6/97		
<u>SPIKE COMPOUND</u>	<u>SPIKE AMOUNT</u>	<u>% REC 1</u>	<u>% REC 2</u>	<u>% REC QC LIMIT</u>	<u>% VAR.</u>	<u>% VAR QC LIMIT</u>
4,4'-DDD	1.0 ppb	75.2	71.5	31-141	4.92	35
4,4'-DDT	1.0 ppb	68.4	60.9	25-160	11.0	35
Heptachlor	0.20 ppb	101.4	110	33-135	7.82	35
Endosulfan Sulfate	1.0 ppb	116	116	26-144	0.0215	35
Endrin	0.20 ppb	49.0	56.0	30-147	12.5	35

TCLP HERBICIDES QUALITY CONTROL DATA

<u>METHOD</u>	<u>ANALYST</u>	<u>MATRIX</u>	<u>DATE EXTRACTED</u>	<u>DATE ANALYZED</u>		
8150	Dennis Shaw	Liquid	8/6/97	8/7/97		
<u>SPIKE COMPOUND</u>	<u>SPIKE AMOUNT</u>	<u>% REC 1</u>	<u>% REC 2</u>	<u>% REC QC LIMIT</u>	<u>% VAR.</u>	<u>% VAR QC LIMIT</u>
2,4-D	0.5 ppm	81.1	70.7	8.0-170	12.8	35
2,4,5-T	0.5 ppm	73.6	60.9	8.0-170	17.2	35
2,4,5-TP (Silvex)	0.5 ppm	76.7	63.0	8.0-170	17.9	35

VOLATILE ORGANICS QUALITY CONTROL DATA

<u>METHOD</u>	<u>ANALYST</u>	<u>MATRIX</u>	<u>DATE EXTRACTED</u>	<u>DATE ANALYZED</u>		
8260	Howard Hayden	Solid	----	8/4/97		
<u>SPIKE COMPOUND</u>	<u>SPIKE AMOUNT</u>	<u>% REC 1</u>	<u>% REC 2</u>	<u>% REC QC LIMIT</u>	<u>% VAR. % VAR.</u>	<u>% VAR QC LIMIT</u>
1,1-Dichloroethene	20 ppb	109	95.6	20-234	12	25.0
Trichloroethene	20 ppb	108	107	71-157	10.93	25.0
Benzene	20 ppb	110	109	37-151	0.91	25.0
Toluene	20 ppb	111	109	47-150	1.8	25.0
Chlorobenzene	20 ppb	113	109	37-160	3.5	25.0

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8/11/97

Report To: Tetra Tech EM, Inc.

Lab Number: 9708000031

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Project: Pride Petroleum Services

SEMI-VOLATILES QUALITY CONTROL DATA

<u>METHOD</u>	<u>ANALYST</u>	<u>MATRIX</u>	<u>DATE EXTRACTED</u>	<u>DATE ANALYZED</u>		
8270	Dennis Shaw	Solid	8/5/97	8/5/97		
<u>SPIKE COMPOUND</u>	<u>SPIKE AMOUNT</u>	<u>% REC 1</u>	<u>% REC 2</u>	<u>% REC QC LIMIT</u>	<u>% VAR. % VAR.</u>	<u>% VAR QC LIMIT</u>
Phenol	200 ppb	64.1	73.6	10-120	13.0	42.0
2-Chlorophenol	200 ppb	75.0	79.6	23-134	6.05	40.0
Acenaphthene	100 ppb	86.3	96.2	47-145	10.3	31.0
Pyrene	100 ppb	99.3	111	52-125	10.2	31.0

QUALITY CONTROL DATA

<u>ANALYTE</u>	<u>DATE ANALYZED</u>	<u>SPIKE (ppm)</u>	<u>STAND. DEV.</u>	<u>COEFF. OF VAR %</u>	<u>REC1/%</u>	<u>REC2/%</u>
Mercury	8/8/97	----	---	---	106	106
Arsenic	8/8/97	----	0.153	3.4	105	110
Barium	8/8/97	----	0.044	1.4	95	97
Cadmium	8/8/97	----	0.064	2.2	103	107
Chromium	8/8/97	----	0.070	2.1	102	99
Lead	8/8/97	----	0.053	1.5	105	107
Selenium	8/8/97	----	0.318	8.4	97	109
Silver	8/8/97	----	0.094	2.7	96	100

Standard Deviation = $(x1-x2)/1.414$

Coefficient of Variability % = $(S.D./Avg.) \times 100$

Recovery % = $[(spiked-unsiked)/expected] \times 100$

OLD FILE
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Report To: Tetra Tech EM, Inc.
Lab Number: 9708000031
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Project: Pride Petroleum Services

QUALITY CONTROL DATA

<u>METHOD</u>	<u>ANALYST</u>	<u>MATRIX</u>	<u>DATE EXTRACTED</u>	<u>DATE ANALYZED</u>
8015 Mod.	Dennis Shaw	Solid	8/14/97	8/14/97

<u>SPIKE COMPOUND</u>	<u>SPIKE AMOUNT</u>	<u>% REC 1</u>	<u>% REC 2</u>	<u>% REC QC LIMIT</u>	<u>% VAR.</u>	<u>% VAR QC LIMIT</u>
Diesel Fuel	6085 ppm	97.0	102	20-150	4.90	30

QUALITY CONTROL DATA

<u>ANALYTE</u>	<u>DATE ANALYZED</u>	<u>SPIKE (ppm)</u>	<u>STAND. DEV.</u>	<u>COEFF. OF VAR %</u>	<u>REC1/%</u>	<u>REC2/%</u>
Reactive Cyanide	8/19/97	----	0.06	2.3	102.4	105.6
Reactive Sulfide	8/19/97	----	15.6	3.8	71.1	75

Standard Deviation = $(x1-x2)/1.414$

Coefficient of Variability % = $(S.D./Avg.) \times 100$

Recovery % = $[(spiked-unsiked)/expected] \times 100$

OLD EVIDENCE
444
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Purchase Order/Chain Of Custody

Anachem, Inc. 8 Prestige Circle, Suite 104, Allen, TX 75002 Phone: 972-727-9003 Fax: 972-727-9686

Page 1 of 1

Report To: ANTHONY R. HERALD		Bill To: (Buyer) TETRA TECH EM, INC.		Analyst: [Signature]	
Company: TETRA TECH EM, INC.		Purchase Order #: 001-0594		TPH-8015 (GAS RANGE)	
Address: 6421 INDIAN SCHOOL ROAD, NE SUITE 205		Address:		BTEX-8020 (EXTENDED RANGE)	
City, State, Zip: ALBUQUERQUE, NM 87110		City, State, Zip:		TPH-8015 (DEEP RANGE)	
Phone: 505-881-3188 Fax: 505-881-3283		Phone:		FULL TCLP	
Project Name:		Quote #:		WQCC-8260/8270	
Project Location:		City, State:			
Date Due:		Rush: 0% 25% 50% 100%		Sampled By:	

Lab#	Client Sample ID	Matrix	Date/Time	Sample Notes
1.	WASH BAY FLOOR COMPOSITE	SOIL	8/1/97 11:00	
2.	WASH BAY WALL COMPOSITE		11:10	
3.	MECHANICS PIT FLOOR COMPOSITE		11:50	
4.	MECHANICS PIT WALL COMPOSITE		12:00	
5.	WASH BAY SOIL PILE		12:40	COMPOSITE OF WIDEST CASE SC.
6.	MECHANICS PIT SOIL PILE		12:50	
7.	SURFACE STAINED SOIL PILE		13:00	
8.				
9.				
10.				

Relinquished By: [Signature]	Date: 8/4/97	Time:	Received By: [Signature]	Date: 8-4-97	Time: 2:50

Sample Receipt Notes
Temperature
Preserved Properly
COC Seals Intact
Method of Shipment

In the event that Anachem determines that a sample is hazardous, the client agrees to:
Pay For Sample Disposal _____
Accept Returned Sample ☒

Submission # 9708-031

July 7, 1997

Daniele Berardelli
GooYea Landfarm
P.O. Box 25547
Albuquerque, NM 87125

Re: C-138 submittal for Pride Petroleum dated 6-16-97; received in part June 20 & 27, 1997.
Leach field closure (EPA class V wells).

Dear Ms. Berardelli:

The C-138 submittal referenced above is hereby denied until the following deficiencies are corrected;

1. Please supply a copy of the Chain of Custody that reflects the receipt by the laboratory. The copy that was supplied does not indicate which lab sample numbers are assigned to samples. Also there is no information supplied as to which preservatives were used.
2. The laboratory analysis must be signed-off by the appropriate laboratory personnel.
3. Please provide information and rationale as to why the seven soil samples taken should be composited into one sample.
4. Please arrange with your client for an on-site inspection. The NMOCD will require this before any soils are disposed of off-site. The NMOCD Environmental Bureau also requires a field report from the NMOCD District office before any closure activities begin for the EPA type class V wells. Once the District office sends in the field report the final closure will be handled and approved out of the NMOCD Santa Fe, NM office.

If you require any further information or assistance please do not hesitate to call (505-393-6161) or write this office.

Sincerely Yours,

Wayne Price-Environmental Engineer

cc: Chris Williams-NMOCD District I Supervisor-email
Roger Anderson-Environmental Bureau Chief, Santa Fe, NM-email
Martyne Kieling-Environmental Bureau, Santa Fe, NM-email

file: gooyeapr

Martyne Kieling

From: Wayne Price
Sent: Friday, June 27, 1997 11:16 AM
To: Roger Anderson
Cc: Chris Williams; Martyne Kieling
Subject: Pride Lovington- Class V closure.

Waste disposal documents are being forward for your processing.

June 27, 1997

To: The following parties:
Fax's sent to;
CRI-505-393-3615
GooYea - 505-598-9627
PRC- 505-881-3283

Re: Pride Petroleum-Lovington Facility

Subject: EPA type Class V well closure.

Please note the closure of Class V wells are processed through our New Mexico Oil Conservation Division (NMOCD) Environmental Bureau in Santa Fe, NM. Please note the NMOCD District office has forwarded all documents to the Santa Fe, office for processing.

If you have any further questions please do not hesitate to call or write. Please expect a small delay in approvals.

Thank you for your cooperation;

Wayne Price-Environmental Engineer District I

cc: Chris Williams-District I Supervisor
Roger Anderson-Environmental Bureau Chief



**NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT**
Martyne Kieling

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

From: Wayne Price
Sent: Tuesday, July 15, 1997 1:45 PM
To: Mark Ashley; Martyne Kieling; Pat Sanchez; Roger Anderson
Cc: Chris Williams
Subject: Pride Ser. Co.-Lovington Class V closures.
Importance: High

OK, OK Mark

Dear Team,

For the third time, I have instructed Pride's consultant (Tetra Tech) that all Class V closures are handled out of Santa Fe, unless directed otherwise. Per my telephone conversation with Mr. Tony Herald (Tetra) he assured me that the submittal will be FED-EX to Roger.

I have set up a site inspection for this Friday. I will send you a report. Any waste disposal will be handled using the C-138 process. The work plan and closure will be approved by your group unless you direct otherwise.

For you info the first two C-138's were denied for certain deficiencies. When Pride re-submits I will review, approve if ok and send to you.

Thanks!

Service I - (505) 393-6161
P.O. Box 1980
Tobbs, NM 88241-1980
District II - (505) 748-1283
H. S. First
Artesia, NM 88210
District III - (505) 334-6178
000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

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

Form C-138
Originated 8/8/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator <u>Pride Petroleum</u>
Verbal Approval Received: Yes ☐ No ☐	5. Originating Site <u>3851 Hwy 18</u> <u>Lovington, NM</u>
2. Management Facility Destination <u>Gowea Landfarm, Lea County</u>	6. Transporter <u>Rhino Environmental</u>
3. Address of Facility Operator <u>5 CR 6065, Farmington, NM</u>	8. State <u>New Mexico</u>
7. Location of Material (Street Address or ULSTR) <u>3851 Hwy 18</u> <u>Lovington, NM</u>	
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.	

RECEIVED

BRIEF DESCRIPTION OF MATERIAL:

JUN 30 1997

Environmental Bureau
Oil Conservation Division

Hydrocarbon impacted soil resulting from
excavation activities surrounding seepage
pits. Estimate 1,000 yd³.

2,700 - 3,000 Signed 9.

Estimated Volume 1,000 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: [Signature] TITLE: Manager DATE: 6-16-97
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: Daniele Berardelli TELEPHONE NO. (505) 598-9626

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____

APPROVED BY: _____ TITLE: _____ DATE: 9/3/97

05/23/97 FRI 13:10 FAX 5055989627
District I - (505) 393-6161
P.O. Box 1940
Hobbs, NM 88241-1980
District II - (505) 748-1283
P.O. Drawer DD
Artesia, NM 88211-0719
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-5810

LEAD TEST LTD

002

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

Form C-13
Originated 1/19/97

Submit Origin
Plus 1 C.
to Santa
1 Copy to appropriate
District Office

TO: MARTHA KENING

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐	Non-Exempt: ☒ BY W. PRICE 5/23/97	4. Generator Koch Pipeline, L.P.
Verbal Approval Received: Yes ☒ No ☐		5. Originating Site T185 R36E, Sec 18 Lea County, NM
2. Management Facility Designation Cooyea Landfarm SE 1/4, S14 T115, R38E, Lea County		6. Transporter Walton Construction
3. Address of Facility Operator 5 CR 6065, Farmington, NM		8. State New Mexico
7. Location of Material (Site Address or ULSTR) Krouch Station		
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 APPROVE the material is not hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.		

BRIEF DESCRIPTION OF MATERIAL:

Crude oil contaminated soil resulting from a pipeline release.

SOIL BORING CUTTINGS FROM LEAK INVESTIGATION, PREVIOUS TCLP HAS BEEN COMPLETED.

OLD MUSEUM
MAY 23 1997
RECEIVED

Estimated Volume 6 cy Known Volume (to be entered by the operator at the end of the haul) cy

SIGNATURE: [Signature] TITLE: Manager DATE: 5-23-97

TYPE OR PRINT NAME: Daniele Berardelli TELEPHONE NO. 505-598-9626 FAX NO. 505-598-9627

(This space for State Use)
APPROVED BY: [Signature] TITLE: Paula Berra DATE: 5/23/97

APPROVED BY: [Signature] TITLE: Environmental Geologist DATE: 5/6/97

Printed in Hobbs 6/6/97

DATE	START	SENDER	RX TIME	PAGES	TYPE	NOTE
MAY-23	2:11 PM	5055989627	2' 39"	4	RECEIVE	OK

**ENVIRONMENTAL SERVICES, INC.****GENERATOR'S WASTE PROFILE SHEET****Waste Generator Information**

1. Generator's Name: Koch Pipeline, L.P. 2. SIC Code: 4612
 3. Facility Address: T18S, R36E, Sec 18 - Near Hobbs, NM
 4. City, State, Zip Code: HOBBS, NM 5. LUST #: N/A
 6. USEPA/Federal ID #: _____ 7. State ID#: _____
 8. Technical Contact: Dana Kuchenbecker 9. Phone: (316) 828-6960

Waste Stream Information

1. Type of Contaminant: Gasoline _____ Diesel _____ Waste Oil _____ Other X ^{CRUDE OIL}
 2. Process Generating Waste: Pipeline
 3. Projected Volume: 6 cubic yards 4. Soil: X Water: _____
 5. Special Instructions/Supplemental Information: _____

Waste Soil / Water Properties

1. Type of Soil - Sand: _____ Gravel: _____ Sandy Loam: _____ Clay: _____ Other: X ^{CALICHE}
 2. Analytical Data: BTEX: _____ ppm, Method _____
 PH: 8.5 ppm, Method Headspace
 Other: _____ Method _____

Representative Sample Certification

1. Sampler's Name: Ron Weaver 2. Sample Date: 5/19/97
 3. Sampler's Title: Staff Scientist 4. Sampler's Employer: Western Technologies
 5. Sampler's Signature: _____
 6. Analytical Data Enclosed - Yes: X No: _____

Generator Certification

By signing this profile sheet, the generator certifies that:

- This waste is not a "Hazardous Waste" as defined by USEPA and/or the state/province.
- This waste does not contain regulated radioactive materials or regulated concentrations of PCBs (polychlorinated Biphenyls).
- This sheet and attachments contain true and accurate descriptions of the waste material. All relevant information regarding known or suspected hazards in the possession of the Generator has been disclosed.
- The analytical data presented herein or attached hereto were derived from testing representative samples taken in accordance with 40 CFR 261.20(c) or equivalent rules.
- If any changes occur in the character of the waste, the Generator shall notify the Contractor prior to providing waste to the Contractor.

Signature: _____

Title: _____

Printed Name: Dana Kuchenbecker

Date: 5/23/97

05-21-97 WED 09:27 FAX 5055989627
05-21-1997 16:03

LEAD TEST LTD
PHILIP S. S. S.

505 247 4541 P.03

002

CERTIFICATE OF WASTE STATUS

NON-EXEMPT WASTE MATERIAL

ORIGINATOR LOCATION: T185, R36E, Sec 18 - Near Hobbs, NM
SOURCE: Koch Pipeline, L.P. pipeline release
DISPOSAL LOCATION: Goa Yea Landfarm Bronco, NM

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

I, the undersigned as the agent for the Koch Pipeline, L.P.
concur with the status of the waste from the subject site.

Name: Dana Kuchenbecker

Title: _____

Address: 4111 E. 37th N.; P.O. Box 2256
Wichita, KS 67201

Signature: _____

Date: May 23, 1997

FAX COVER SHEET

RHINO ENVIRONMENTAL SERVICES, INC.

P.O. Box 25547

Albuquerque, New Mexico 87125

Ph: (800) 762-0111

Ph: (505) 242-6114

Fx: (505) 247-4911

SEND TO		From	
Company name OCD		Daniele Berardelli	
Attention Wayne Price		Date 5-23-97	
Office location Hobbs		Office location 5 CR 6065, Farmington, NM 87401	
Fax number 39 - 0720		Phone number (800) 499-8393	Fax number (505) 598-9627

☐ Urgent☐

by ASAP

☐

Please comment

☒

Please review

☐

For your information

Total pages, including cc

4**COMMENTS**

Wayne,

Western Technologies is still trying to get Dana
or someone else from KOCH to sign the Cert of Waste

Status I am sending you this paperwork because

Western is hoping you will allow us to stage the
material ^{on plastic} at the farm until all the signatures are

obtained. If not, I did explain to him that we would
have to wait until the week of June 2nd before approval
could be received.

Please let me know your decision. Thanks for

your help.
P.

FAX COVER SHEET

RHINO ENVIRONMENTAL SERVICES, INC.

P.O. Box 25547

Albuquerque, New Mexico 87125

Ph: (800) 762-0211

Ph: (505) 242-6444

Fx: (505) 247-4911

SEND TO		From	
Company name OCID		Daniele Berardelli	
Attention Wayne Price		Date 5-23-97	
Office location Hobbs		Office location 5 CR 6065, Farmington, NM 87401	
Fax number 391-0720		Phone number (800) 499-8393	Fax number (505) 598-9627

☐ Urgent
 ☐ Reply ASAP
 ☐ Please comment
 ☒ Please review
 ☐ For your information

Total pages, including cc: 4**COMMENTS**

Wayne,
 Western Technologies is still trying to get Dana
 or someone else from KOCH to sign the Cert of Waste
 Status. I am sending you this paperwork because
 Western is hoping you will allow us to stage the
 material ^{on plastic} at the farm until all the signatures are
 obtained. If not, I did explain to him that we would
 have to wait until the week of June 2nd before approval
 could be received.
 Please let me know your decision. Thanks for
 your help.

Here are the signed copies -
 do we have approval to accept?

CERTIFICATE OF WASTE STATUS

NON-EXEMPT WASTE MATERIAL

ORIGIN: LOCATION: T18S, R36E, Sec 18 - Near Hobbs, NM
 SOURCE: Koch Pipeline, L.P. pipeline release
 DISPOSE: LOCATION: On the landform, Borden, NM

As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt waste as defined by the Environmental Protection Agency's (EPA) July 1980 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR Part 261 to verify the nature as non-hazardous. I further certify that to my knowledge no "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3.

I, the undersigned as the agent for the Koch Pipeline, L.P. concur with the status of the waste from the subject site.

Name: Paul Holland

Title: TEAM LEADER

Address: 2121 French Drive
Hobbs, NM 88240

Signature: Paul A. Holland

Date: MAY 23, 1997

05/23/97 15:08

001/002

05/22/1997 21:52

505-97-6194

KOCH OIL HOBBS

PAGE 02

05-21-97 WED 09:11

FAX 5055989627

LEAD TEST LTD

NO. 745

P. 4 002/002
0003**RHINO ENVIRONMENTAL SERVICES, INC.****GENERATOR WASTE PROFILE SHEET****Waste General Information**

1. Generator's Name: Koch Pipeline, L.P. 2. SIC Code: _____
 3. Facility Address: T185, R34E, Sec 18 - Near Hobbs, NM
 4. City, State, Zip Code: HOBBS, NM 5. LUST #: N/A
 6. USEPA Facility ID #: _____ 7. State ID #: _____
 8. Technical Contact: Dana Kueberhecker 9. Phone: (316) 828-6960

Waste Stream Information

1. Type of Contaminant: Gasoline _____ Diesel _____ Waste Oil _____ Other X CRUDE OIL
 2. Process Generating Waste: Pipeline
 3. Projected Volume: 6 cubic yards 4. Soil: X Water: _____
 5. Special Instructions/Supplemental Information: _____

Waste Soil / Water Properties

1. Type of Soil: Sand _____ Gravel _____ Sandy Loam _____ Clay _____ Other: CALICHE
 2. Analytical Data: BTEX: _____ ppm Method _____
 TPH: 8.5 ppm Method headspace
 Other: _____ Method _____

Representative Sample Certification

1. Sampler's Name: Ben Weaver 2. Sample Date: 5/19/97
 3. Sampler's Title: Staff Scientist 4. Sampler's Employer: Western Technologies
 5. Sampler's Signature: _____
 6. Analytical Data Enclosed - Yes: X No: _____

Generator Certification

By signing this sheet, the generator certifies that:

- This waste is not a "Hazardous Waste" as defined by USEPA and/or the state/province.
- This waste does not contain regulated radioactive materials or regulated concentrations of PCBs (polychlorinated biphenyls).
- This sheet and attachments contain true and accurate descriptions of the waste material. All relevant information regarding known or suspected hazards in the possession of the Generator has been disclosed.
- The analytical data presented herein or attached hereto were derived from testing representative samples in accordance with 40 CFR 261.20(c) or equivalent rules.
- If any changes occur in the character of the waste, the Generator shall notify the Contractor prior to providing the waste to the Contractor.

Signature: Paul HollandTitle: TEAM LEADERPrinted Name: Paul HollandDate: 5/23/97

* P. 01 *
* TRANSACTION REPORT *
* MAY-23-97 FRI 3:53 PM *
* FOR: OCD HOBBS 15053930720 *

* DATE START SENDER RX TIME PAGES TYPE NOTE *

* MAY-23 3:43 PM G3 10' 19" 17 RECEIVE OK *

Safety & Environmental Solutions, Inc.

703 B. Clinton, Suite 103, Hobbs, New Mexico 88240
(505) 397-0510

CLAIM-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager:

Dike Brauning

Phone # 397-0510

FAX # 393-4385

ANALYSIS REQUEST

Company Name & Address:

Koch

11/19/93-14, 15
11/19/93-1, 2

Project #:

Project Name:

Couch Station

Site Location:

South of Lovington NM

Sample Signatures:

Dike Brauning

LAB #
(Use Use Only)

FIELD CODE

CONTAINERS

Volume/Amount

WATER

SOIL

AIR

SLUDGE

OTHER

HCL

HNO3

ICE

NONE

OTHER

DATE

TIME

BTX 8020/5030

TPH 418.1

TCLP Metals Ag As Ba Cd Cr Pb Hg Se

Total Metals Ag As Ba Cd Cr Pb Hg Se

TCLP Volatiles

TCLP Semi Volatiles

TDS

RCI

14

Random Composite inside

1

129

X

15

Random Composite of spoils Pile

1

129

X

16

Random Composite of spoils Pile

1

129

X

17

Random Composite of spoils Pile

1

129

X

18

Random Composite of spoils Pile

1

129

X

19

Random Composite of spoils Pile

1

129

X



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PHONE (505) 383-2326 • 101 E. MARLAND • HOBBS, NM 88240

PHONE (505) 328-4889 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401

PHONE (806) 798-2800 • 5262 34th ST. • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: DEE WHATLEY
703 E. CLINTON
HOBBS, NM 88240
FAX TO:

Receiving Date: 10/25/96
Reporting Date: 11/01/96
Project Number: NOT GIVEN
Project Name: CROUCH STATION 490
Project Location: KOCH OIL CROUCH STATION 490
Sample ID: 2-1, 10 FT
Lab Number: H2693-9

Analysis Date: 10/31/96
Sampling Date: 10/25/96
Sample Type: SOIL
Sample Condition: COOL & INTAC
Sample Received By: WL
Analyzed By: BC

EPA 8015M - (ppm)	Sample Result H2693-9	Method Blank	True Value			
			QC	%IA	QC	
C-8 n-Octane	<0.5	<0.5	86.6	87	100	
C-9 n-Nonane	<0.5	<0.5	86.6	87	100	
C-10 n-Decane	4.15	<0.5	87.0	87	100	
C-11 n-Undecane	6.15	<0.5	81.2	81	100	
C-12 n-Dodecane	6.00	<0.5	81.5	82	100	
C-13 n-Tridecane	7.00	<0.5	83.2	83	100	
C-14 n-Tetradecane	8.00	<0.5	84.9	85	100	
C-15 n-Pentadecane	7.05	<0.5	88.9	89	100	
C-16 n-Hexadecane	5.50	<0.5	85.5	86	100	
C-17 n-Heptadecane	5.80	<0.5	88.6	89	100	
C-18 n-Octadecane	5.20	<0.5	84.6	85	100	
C-19 n-Nonadecane	5.15	<0.5	83.3	83	100	
C-20 n-Eicosane	4.90	<0.5	82.4	82	100	
C-21 n-Heneicosane	3.85	<0.5	80.9	81	100	
C-22 n-Docosane	3.70	<0.5	82.3	82	100	
C-23 n-Tricosane	3.15	<0.5	84.5	84	100	
C-24 n-Tetracosane	4.35	<0.5	83.8	84	100	
C-25 n-Pentacosane	4.00	<0.5	82.5	83	100	
C-26 n-Hexacosane	3.10	<0.5	83.2	83	100	
C-27 n-Heptacosane	3.00	<0.5	83.7	84	100	
C-28 n-Octacosane	3.60	<0.5	84.2	84	100	

METHOD: EPA SW 846-8015 M (by GC/MS)


Burgess J. A. Cooke, Ph. D.

11/1/96
Date

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. Cardinal shall be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or licensees arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



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PHONE (505) 328-4689 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401
PHONE (808) 786-2800 • 5262 34th ST. • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: DYKE BROWNING
703 E. CLINTON
HOBBS, NM 88240
FAX TO:

Receiving Date: 11/01/96
Reporting Date: 11/01/96
Project Number: NOT GIVEN
Project Name: CROUCH STATION (KOCH)
Project Location: SOUTH OF LOVINGTON, NM
Sample ID: RANDOM COMPOSITE INSIDE BERM
Lab Number: H2693-14

Analysis Date: 11/01/96
Sampling Date: 11/01/96
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

EPA 8015M - (ppm) Sample Result Method True Value
H2693-14 Blank QC %IA QC

C-8 n-Octane	<0.5	<0.5	88.6	87	100
C-9 n-Nonane	4.6	<0.5	88.6	87	100
C-10 n-Decane	17.5	<0.5	87.0	87	100
C-11 n-Undecane	37.6	<0.5	81.2	81	100
C-12 n-Dodecane	47.0	<0.5	81.5	82	100
C-13 n-Tridecane	69.8	<0.5	83.2	83	100
C-14 n-Tetradecane	90.2	<0.5	84.9	85	100
C-15 n-Pentadecane	76.5	<0.5	88.9	89	100
C-16 n-Hexadecane	69.0	<0.5	85.5	86	100
C-17 n-Heptadecane	77.9	<0.5	88.6	89	100
C-18 n-Octadecane	71.0	<0.5	84.6	85	100
C-19 n-Nonadecane	95.0	<0.5	83.3	83	100
C-20 n-Eicosane	102	<0.5	82.4	82	100
C-21 n-Heneicosane	61.0	<0.5	80.9	81	100
C-22 n-Docosane	100	<0.5	82.3	82	100
C-23 n-Tricosane	82.6	<0.5	84.6	84	100
C-24 n-Tetracosane	85.8	<0.5	83.8	84	100
C-25 n-Pentacosane	66.7	<0.5	82.5	83	100
C-26 n-Hexacosane	53.4	<0.5	83.2	83	100
C-27 n-Heptacosane	41.4	<0.5	83.7	84	100
C-28 n-Octacosane	37.8	<0.5	84.2	84	100

METHOD: EPA SW 846-8015 M (by GC/MS)

Burgess J. A. Cooke, Ph. D.

11/1/96
Date

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. Cardinal shall not be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

**ARDINAL
LABORATORIES**

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PHONE (505) 393-2328 • 191 E. MARLAND • HOBBS, NM 88240

PHONE (505) 326-4668 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401

PHONE (806) 796-2800 • 5282 34th ST. • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: DYKE BROWNING
703 E. CLINTON
HOBBS, NM 88240
FAX TO:

Receiving Date: 11/01/96
Reporting Date: 11/04/96
Project Number: NOT GIVEN
Project Name: CROUCH STATION (KOCH)
Project Location: SOUTH OF LOVINGTON, NM

Analysis Date: 11/01/96
Sampling Date: 11/01/96
Sample Type: SOIL
Sample Condition: COOL, INTACT
Sample Received By: BC
Analyzed By: GP

LAB NUMBER SAMPLE ID TPH
(ppm)

H2693-14	RANDOM COMP., BERM	17400
Quality Control		406
True Value QC		400
% Accuracy		102
Relative Percent Difference		1.8

METHOD: EPA 418.1, 3510, 3540, or 3550; Infrared Spectroscopy

Chemist

Date

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. Cardinal shall be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, officers or employees arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 593-2926 • 101 E. MARLAND • HOBBS, NM 88240

PHONE (505) 328-4888 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401

PHONE (806) 766-2800 • 5262 34th ST. • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: DYKE BROWNING
703 E. CLINTON
HOBBS, NM 88240
FAX TO:

Receiving Date: 11/01/96
Reporting Date: 11/04/96
Project Number: NOT GIVEN
Project Name: CROUCH STATION (KOCH)
Project Location: SOUTH OF LOVINGTON, NM
Sample ID: RANDOM COMPOSITE OF SPOILS PILE
Lab Number: H2693-15

Analysis Date: 11/02/96
Sampling Date: 11/01/96
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H2693-15	Method Blank	QC	True Value %IA	QC
Pyridine	5.00	<0.008	<0.002	0.049	98	0.050
1,4-Dichlorobenzene	7.50	<0.008	<0.002	0.049	98	0.050
o-Cresol	200	<0.008	<0.002	0.052	104	0.050
m, p-Cresol	200	<0.008	<0.002	0.053	106	0.050
Hexachloroethane	3.00	<0.008	<0.002	0.050	100	0.050
Nitrobenzene	2.00	<0.008	<0.002	0.049	98	0.050
Hexachloro-1,3-butadiene	0.500	<0.008	<0.002	0.048	96	0.050
2,4,6-Trichlorophenol	2.00	<0.008	<0.002	0.049	98	0.050
2,4,5-Trichlorophenol	400	<0.008	<0.002	0.050	100	0.050
2,4-Dinitrotoluene	0.130	<0.008	<0.002	0.051	102	0.050
Hexachlorobenzene	0.130	<0.008	<0.002	0.050	100	0.050
Pentachlorophenol	100	<0.008	<0.002	0.048	96	0.050

% RECOVERY

Fluorophenol	72
Phenol-d5	69
Nitrobenzene-d5	89
2-Fluorobiphenyl	96
2,4,6-Tribromophenol	87
Terphenyl-d14	103

METHODS: EPA SW 846-8270


Burgess J. Cooke, Ph. D.

11/04/96
Date

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

**ARDINAL
LABORATORIES**

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PHONE (808) 796-2800 • 5202 34th ST. • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: DYKE BROWNING
703 E. CLINTON
HOBBS, NM 88240
FAX TO:

Receiving Date: 11/01/96
Reporting Date: 11/06/96
Project Number: NOT GIVEN
Project Name: CROUCH STATION (KOCH)
Project Location: SOUTH OF LOVINGTON, NM
Sample ID: RANDOM COMPOSITE OF SPOILS PILE
Lab Number: H2693-15

Analysis Date: 11/05/96
Sampling Date: 11/01/96
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H2693-15	Method Blank	QC	True Value %IA	QC
Vinyl Chloride	0.20	<0.005	<0.005	0.085	85	0.100
1,1-Dichloroethylene	0.7	<0.005	<0.005	0.115	115	0.100
Methyl Ethyl Ketone	200	<0.005	<0.005	0.082	82	0.100
Chloroform	6.0	<0.005	<0.005	0.093	93	0.100
1,2-Dichloroethane	0.5	<0.005	<0.005	0.083	83	0.100
Benzene	0.5	<0.005	<0.005	0.082	82	0.100
Carbon Tetrachloride	0.5	<0.005	<0.005	0.082	82	0.100
Trichloroethylene	0.5	<0.005	<0.005	0.088	88	0.100
Tetrachloroethylene	0.7	<0.005	<0.005	0.105	105	0.100
Chlorobenzene	100	<0.005	<0.005	0.091	91	0.100
1,4-Dichlorobenzene	7.5	<0.005	<0.005	0.080	90	0.100

% RECOVERY

Dibromofluoromethane	104
Toluene-d8	98
Bromofluorobenzene	98

METHODS: EPA SW 846-8260

Burgess J.A. Cooke
Burgess J.A. Cooke, Ph. D.

11/6/96
Date

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PHONE (808) 786-2800 • 5282 34TH ST. • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: DYKE BROWNING
703 EAST CLINTON
HOBBS, NEW MEXICO 88240
FAX TO: 505-393-4388

Receiving Date: 11/01/96
Reporting Date: 11/11/96
Project Number: NOT GIVEN
Project Name: CROUCH STATION (KOCH)
Project Location: SOUTH OF LOVINGTON, NM

Sampling Date: 11/01/96
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: LW & AK

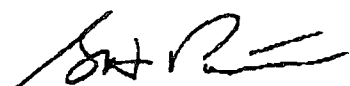
TCLP METALS

LAB NUMBER SAMPLE ID

As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------

ANALYSIS DATE:	11/8/96	11/6/96	11/8/96	11/6/96	11/6/96	11/8/96	11/6/96	11/6/96
EPA LIMITS:	5	5	100	1	5	5	0.2	1
H2693-15 COMP. SPOILS PILE	<0.05	<0.05	0.70	<0.01	<0.05	0.16	<0.002	<0.05
Quality Control	2.450	4.750	4.750	4.650	4.440	2.500	0.0089	0.435
True Value QC	2.500	5.000	5.000	5.000	5.000	2.500	0.0100	0.500
% Accuracy	98	95	95	93	88	100	89	87
Relative Percent Difference	1	1	2	1	1	1	8	1

METHODS: EPA 1311, 600/4-91/	200.7	200.7	200.7	200.7	200.7	200.7	245.1	200.7
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GAYLE A. POTTER
Chemist

11/11/96
Date

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ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: DYKE BROWNING
703 E. CLINTON
HOBBS, NM 88240
FAX TO:

Receiving Date: 11/01/96
Reporting Date: 11/04/96
Project Number: NOT GIVEN
Project Name: CROUCH STATION (KOCH)
Project Location: SOUTH OF LOVINGTON, NM

Sampling Date: 11/01/96
Sample Type: SOIL
Sample Condition: COOL, INTACT
Sample Received By: BC
Analyzed By: GP

LAB NUMBER SAMPLE ID REACTIVITY
Sulfide Cyanide CORROSIVITY IGNITABILITY
(ppm) (ppm) (pH)

ANALYSIS DATE:	10/5/96	10/5/96	10/4/96	10/4/96
H2895-15 RANDOM COMP.	<5	<5	7.40	Nonflammable
SPOILS PILE				
Quality Control	NR	NR	7.02	NR
True Value QC	NR	NR	7.00	NR
% Accuracy	NR	NR	100	NR
Relative Percent Difference	NR	NR	0.6	NR

METHOD: EPA SW 846-7.3, 7.2, 1010


Chemist11/04/96
Date

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Safety & Environmental Solutions, Inc.

703 E. Clinton, Suite 103, Hobbs, New Mexico 88240
(505)397-0510

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Project Name:

Dyke Browning

Phone #: 397-0510
Fax #: 393-4385

Company Name & Address:

Koch

Project #:

47693-1415
47693-12

Project Name:

Couch Station

Project Location:

South of Livingston NM

Sample Signatures:

[Signature]

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX						PRESERVATIVE METHOD				SAMPLING	
				WATER	SOIL	AIR	SLUDGE	OTHER	HCL	HNO3	ICE	NONE	OTHER	DATE	TIME

(14) Random Composite inside berm 11/1/96 DAB 1 12oz

(15) Random Composite of spoils pile 1 12oz

8TEX 8020/5030															
TPH 418.1															
TCLP Metals Ag As Ba Cd Cr Pb Hg Se															
Total Metals Ag As Ba Cd Cr Pb Hg Se															
TCLP Volatiles															
TCLP Semi Volatiles															
TDS															
RCI															

Initiated by:

[Signature]

Relinquished by:

[Signature]

Relinquished by:

[Signature]

Date: 11/1/96

Time: 10:23am

Received by:

[Signature]

Relinquished by:

[Signature]

Received by Laboratory:

REMARKS

Sampling witnessed by Kenneth Burns

MAY.21.1997 4:33PM

K OCH PROPERTY ASSESS 3168299000

NO.712 P.8


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PHONE (505) 799-2800 • 5282 34th ST. • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: DEE WHATLEY
703 E. CLINTON
HOBBS, NM 88240
FAX TO:

Receiving Date: 10/25/96
Reporting Date: 11/01/96
Project Number: NOT GIVEN
Project Name: CROUCH STATION 490
Project Location: KOCH OIL CROUCH STATION 490
Sample ID: 2-1, 10 FT
Lab Number: H2693-9

Analysis Date: 10/31/96
Sampling Date: 10/25/96
Sample Type: SOIL
Sample Condition: COOL & INTAC
Sample Received By: WL
Analyzed By: BC

EPA 8015M - (ppm) Sample Result Method True Value
H2693-9 Blank QC %IA QC

C-8 n-Octane	<0.5	<0.5	86.6	87	100
C-9 n-Nonane	<0.5	<0.5	86.6	87	100
C-10 n-Decane	4.15	<0.5	87.0	87	100
C-11 n-Undecane	6.15	<0.5	81.2	81	100
C-12 n-Dodecane	6.00	<0.5	81.5	82	100
C-13 n-Tridecane	7.00	<0.5	83.2	83	100
C-14 n-Tetradecane	8.00	<0.5	84.9	85	100
C-15 n-Pentadecane	7.05	<0.5	88.9	89	100
C-16 n-Hexadecane	5.50	<0.5	85.5	86	100
C-17 n-Heptadecane	5.80	<0.5	88.6	89	100
C-18 n-Octadecane	5.20	<0.5	84.8	85	100
C-19 n-Nonadecane	5.15	<0.5	83.3	83	100
C-20 n-Eicosane	4.90	<0.5	82.4	82	100
C-21 n-Heneicosane	3.85	<0.5	80.9	81	100
C-22 n-Docosane	3.70	<0.5	82.3	82	100
C-23 n-Tricosane	3.15	<0.5	84.5	84	100
C-24 n-Tetracosane	4.35	<0.5	83.8	84	100
C-25 n-Pentacosane	4.00	<0.5	82.5	83	100
C-26 n-Hexacosane	3.10	<0.5	83.2	83	100
C-27 n-Heptacosane	3.00	<0.5	83.7	84	100
C-28 n-Octacosane	3.60	<0.5	84.2	84	100

METHOD: EPA SW 846-8015 M (by GC/MS)

Burgess A. Cooke
Burgess A. Cooke, Ph. D.

11/1/96
Date

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ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: DYKE BROWNING
703 E. CLINTON
HOBBS, NM 88240
FAX TO:

Receiving Date: 11/01/96
Reporting Date: 11/01/96
Project Number: NOT GIVEN
Project Name: CROUCH STATION (KCOH)
Project Location: SOUTH OF LOVINGTON, NM
Sample ID: RANDOM COMPOSITE INSIDE BERM
Lab Number: H2693-14

Analysis Date: 11/01/96
Sampling Date: 11/01/96
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

EPA 8015M - (ppm) Sample Result Method QC %IA True Value
H2693-14 Blank

C-8 n-Octane	<0.5	<0.5	86.6	87	100
C-9 n-Nonane	4.6	<0.5	86.8	87	100
C-10 n-Decane	17.5	<0.5	87.0	87	100
C-11 n-Undecane	37.6	<0.5	81.2	81	100
C-12 n-Dodecane	47.0	<0.5	81.5	82	100
C-13 n-Tridecane	69.8	<0.5	83.2	83	100
C-14 n-Tetradecane	90.2	<0.5	84.9	85	100
C-15 n-Pentadecane	76.5	<0.5	88.9	89	100
C-16 n-Hexadecane	69.0	<0.5	85.5	86	100
C-17 n-Heptadecane	77.9	<0.5	88.8	89	100
C-18 n-Octadecane	71.0	<0.5	84.6	85	100
C-19 n-Nonadecane	85.0	<0.5	83.3	83	100
C-20 n-Eicosane	102	<0.5	82.4	82	100
C-21 n-Heneicosane	61.0	<0.5	80.9	81	100
C-22 n-Docosane	100	<0.5	82.3	82	100
C-23 n-Tricosane	82.6	<0.5	84.5	84	100
C-24 n-Tetracosane	65.8	<0.5	83.8	84	100
C-25 n-Pentacosane	86.7	<0.5	82.5	83	100
C-26 n-Hexacosane	53.4	<0.5	83.2	83	100
C-27 n-Heptacosane	41.4	<0.5	83.7	84	100
C-28 n-Octacosane	37.8	<0.5	84.2	84	100

METHOD: EPA SW 846-8015 M (by GC/MS)

Burgess J. A. Cooke
Burgess J. A. Cooke, Ph. D.

11/1/96
Date

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MAY.21.1997 4:32PM

WITH PROPERTY ASSESS 3160206000

NO. 712 P. 6



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**ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: DYKE BROWNING
703 E. CLINTON
HOBBS, NM 88240
FAX TO:**

Receiving Date: 11/01/96
Reporting Date: 11/04/96
Project Number: NOT GIVEN
Project Name: CROUCH STATION (KOCH)
Project Location: SOUTH OF LOVINGTON, NM

Analysis Date: 11/01/96
Sampling Date: 11/01/96
Sample Type: SOIL
Sample Condition: COOL, INTACT
Sample Received By: BC
Analyzed By: GP

LAB NUMBER	SAMPLE ID	TPH (ppm)
------------	-----------	--------------

H2693-14	RANDOM COMP., 8ERM	17400
Quality Control		406
True Value QC		400
% Accuracy		102
Relative Percent Difference		1.8

METHOD: EPA 418.1, 3510, 3540, or 3550; Infrared Spectroscopy

Burgess & Cash
Chemist

11/4/96
Date

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PHONE (806) 796-2800 • 5282 34th ST. • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: DYKE BROWNING
703 E. CLINTON
HOBBS, NM 88240
FAX TO:

Receiving Date: 11/01/96
Reporting Date: 11/04/96
Project Number: NOT GIVEN
Project Name: CROUCH STATION (KOCH)
Project Location: SOUTH OF LOVINGTON, NM
Sample ID: RANDOM COMPOSITE OF SPOILS PILE
Lab Number: H2693-15

Analysis Date: 11/02/96
Sampling Date: 11/01/96
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H2693-15	Method Blank	QC	True Value %IA	QC
Pyridine	5.00	<0.008	<0.002	0.049	98	0.050
1,4-Dichlorobenzene	7.50	<0.008	<0.002	0.049	98	0.050
o-Cresol	200	<0.008	<0.002	0.052	104	0.050
m, p-Cresol	200	<0.008	<0.002	0.053	106	0.050
Hexachloroethane	3.00	<0.008	<0.002	0.050	100	0.050
Nitrobenzene	2.00	<0.008	<0.002	0.049	98	0.050
Hexachloro-1,3-butadiene	0.500	<0.008	<0.002	0.048	96	0.050
2,4,6-Trichlorophenol	2.00	<0.008	<0.002	0.049	98	0.050
2,4,5-Trichlorophenol	400	<0.008	<0.002	0.050	100	0.050
2,4-Dinitrotoluene	0.130	<0.008	<0.002	0.051	102	0.050
Hexachlorobenzene	0.130	<0.008	<0.002	0.050	100	0.050
Pentachlorophenol	100	<0.008	<0.002	0.048	96	0.050

% RECOVERY

Fluorophenol	72
Phenol-d5	69
Nitrobenzene-d5	89
2-Fluorobiphenyl	95
2,4,6-Tribromophenol	87
Terphenyl-d14	103

METHODS: EPA SW 846-8270

Burgess J. A. Cooke
Burgess J. A. Cooke, Ph. D.

11/04/96
Date

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PHONE (806) 796-2800 • 5282 34th ST. • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: DYKE BROWNING
703 E. CLINTON
HOBBS, NM 88240
FAX TO:

Receiving Date: 11/01/96
Reporting Date: 11/06/96
Project Number: NOT GIVEN
Project Name: CROUCH STATION (KCOCH)
Project Location: SOUTH OF LOVINGTON, NM
Sample ID: RANDOM COMPOSITE OF SPOILS PILE
Lab Number: H2693-15

Analysis Date: 11/05/96
Sampling Date: 11/01/96
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H2693-15	Method Blank	QC	True Value %IA QC
Vinyl Chloride	0.20	<0.005	<0.005	0.085	85 0.100
1,1-Dichloroethylene	0.7	<0.005	<0.005	0.115	115 0.100
Methyl Ethyl Ketone	200	<0.005	<0.005	0.082	82 0.100
Chloroform	6.0	<0.005	<0.005	0.093	93 0.100
1,2-Dichloroethane	0.5	<0.005	<0.005	0.083	83 0.100
Benzene	0.5	<0.005	<0.005	0.082	82 0.100
Carbon Tetrachloride	0.5	<0.005	<0.005	0.082	82 0.100
Trichloroethylene	0.5	<0.005	<0.005	0.088	88 0.100
Tetrachloroethylene	0.7	<0.005	<0.005	0.105	105 0.100
Chlorobenzene	100	<0.005	<0.005	0.091	91 0.100
1,4-Dichlorobenzene	7.5	<0.005	<0.005	0.080	90 0.100

% RECOVERY

Dibromofluoromethane	104
Toluene-d8	98
Bromofluorobenzene	98

METHODS: EPA SW 846-8260

Burgess J. A. Cooke
Burgess J. A. Cooke, Ph. D.

11/6/96
Date

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PHONE (505) 328-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401

PHONE (806) 796-2800 • 5262 34th ST. • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: DYKE BROWNING
703 EAST CLINTON
HOBBS, NEW MEXICO 88240
FAX TO: 505-393-4388

Receiving Date: 11/01/96
Reporting Date: 11/11/96
Project Number: NOT GIVEN
Project Name: CROUCH STATION (KOCH)
Project Location: SOUTH OF LOVINGTON, NM

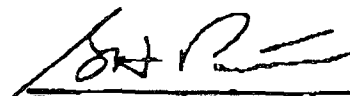
Sampling Date: 11/01/96
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: LW & AK

TCLP METALS

LAB NUMBER SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
----------------------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------

ANALYSIS DATE:	11/6/96	11/6/96	11/6/96	11/6/96	11/6/96	11/6/96	11/6/96	11/6/96
EPA LIMITS:	5	5	100	1	5	5	0.2	1
H2693-15 COMP. SPOILS	<0.05	<0.05	0.70	<0.01	<0.05	0.16	<0.002	<0.05
PILE								
Quality Control	2.450	4.750	4.750	4.650	4.440	2.500	0.0089	0.435
True Value QC	2.500	5.000	5.000	5.000	5.000	2.500	0.0100	0.500
% Accuracy	98	95	95	93	88	100	89	87
Relative Percent Difference	1	1	2	1	1	1	6	1

METHODS: EPA 1311, 600/4-91/	200.7	200.7	200.7	200.7	200.7	200.7	245.1	200.7
------------------------------	-------	-------	-------	-------	-------	-------	-------	-------


GAYLE A. POTTER
Chemist

11/11/96
Date

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.


**ARDINAL
LABORATORIES**

PHONE (815) 873-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 383-2326 • 101 E. MARLAND • HOBBS, NM 88240

PHONE (505) 326-4889 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401

PHONE (806) 796-2800 • 5262 34th ST. • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: DYKE BROWNING
703 E. CLINTON
HOBBS, NM 88240
FAX TO:

Receiving Date: 11/01/96
Reporting Date: 11/04/96
Project Number: NOT GIVEN
Project Name: CROUCH STATION (KOCH)
Project Location: SOUTH OF LOVINGTON, NM

Sampling Date: 11/01/96
Sample Type: SOIL
Sample Condition: COOL, INTACT
Sample Received By: BC
Analyzed By: GP

LAB NUMBER SAMPLE ID	REACTIVITY			
	Sulfide (ppm)	Cyanide (ppm)	CORROSIVITY (pH)	IGNITABILITY
ANALYSIS DATE:	10/5/96	10/5/96	10/4/96	10/4/96
H2695-15 RANDOM COMP.	<5	<5	7.40	Nonflammable
SPOILS PILE				
Quality Control	NR	NR	7.02	NR
True Value QC	NR	NR	7.00	NR
% Accuracy	NR	NR	100	NR
Relative Percent Difference	NR	NR	0.6	NR

METHOD: EPA SW 846-7.3, 7.2, 1010


Chemist


Date

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. Cardinal shall be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

**WESTERN TECHNOLOGIES INC.**

8305 Washington Place NE, Albuquerque, NM 87113-1670

Phone: (505) 823-4488; Fax: (505)-821-2963

FAX COVER PAGE

To: MR. WAYNE PRICE
Company: NMOCID
Fax No.: (505) 393-0720

From: BERNARD BOCKISCH

Total pages (includes cover page): 17**MEMO**

LABORATORY ANALYTICAL DATA TO DISPOSE OF
DRILL CUTTINGS FOR THE KOCH PIPELINE PROJECT
AT CROUCH STATION.

Please notify the sender of any problems with this transmission.

05/05/97 MON 09:19 FAX 5055989627
District I - (505) 393-6161
P.O. Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1283
817 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

LEAD TEST LTD
New Mexico

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

002
Form C-138
Originated 8/8/95

ALL: MPEANE KIELIN'S
C.C: KAREN SAND
SPILL & ILS
Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ 2. PRICE 5/5/97	4. Generator EOTT Energy, P.O. Box 1660, Midland, Tx
Verbal Approval Received: Yes ☒ No ☐	5. Originating Site Denton Gathering System
2. Management Facility Destination Goo Yea Landfarm	6. Transporter Walton Construction
3. Address of Facility Operator SE 1/4 of Sec. 14, T11S, R38E, Lea County, NM	8. State NEW MEXICO
7. Location of Material (Street Address or ULSTR) Section 11, T11S, R37E, Lea County, NM	
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.	

RECEIVED

MAY - 7 1997

BRIEF DESCRIPTION OF MATERIAL:

Environmental Bureau
Oil Conservation Division

Crude oil pipeline leak - contaminated soil

VERBAL APPROVAL GIVEN
FOR EMERGENCY RESPONSE 5/5/97

OLD HOBBS
OFFICE
MAY 05 1997
RECEIVED

Estimated Volume 500 cy Known Volume (to be entered by the operator at the end of the haul) cy

SIGNATURE: Daniele Berardelli
Waste Management Facility Authorized Agent

TITLE: Landfarm Manager DATE: 5-5-97

TYPE OR PRINT NAME: Daniele Berardelli

TELEPHONE NO. (505) 598-9626
Fax No. (505) 598-9627

(This space for State Use)

APPROVED BY: [Signature]

TITLE: Enron Engr

DATE: 5/5/97

APPROVED BY: [Signature]

TITLE: Environmental Geologist

DATE: 5/7/97

CERTIFICATE OF WASTE STATUSNON-EXEMPT WASTE MATERIAL

Originating Location: Sec 11 T-15-S, R-37-E, Lea Co, NM
 Source: Crude oil pipeline Leak - Contaminated soil
 Disposal Location: Goo-Yee Landfarm

"As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR Part 261 to verify the nature as non-hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the 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 the agent for EOTT Energy
 concur with the status of the waste from the subject site.

Name Lennah Frost
 Title/Agency ENV. Engineer
 Address PO Box 1660
MIDLAND TX 79702
 Signature Lennah Frost
 Date 5-5-97

approx
500 cu yds

OLD MILES
OFFICE

MAY 05 1997

RECEIVED

**NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT****OIL CONSERVATION DIVISION**
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

September 17, 1996

CERTIFIED MAIL**RETURN RECEIPT NO. P-288-258-835**

Ms. Lennah Frost
Environmental Engineer
EOTT Energy
P.O. Box 1660
Midland, Texas 79702

RE: CRUDE OIL GATHERING SYSTEM SPILLS

Dear Ms. Frost:

The New Mexico Oil Conservation Division (OCD) has reviewed EOTT Energy Operating Limited Partnership (EOTT) August 8, 1996 correspondence which presents the results of representative RCRA hazardous waste characteristic sampling of contaminated soils from pipeline related spills of crude oil. EOTT requests that they be allowed to use these analyses and a statement of process knowledge for determining the soils to be RCRA non-hazardous during future crude oil pipeline spill remediations. These analyses are to be used in lieu of individual sampling of each spill event.

The above referenced request is approved with the following conditions:

1. The above representative analyses can be used in lieu of individual sampling of each spill event.
2. EOTT will reference the above waste determination identified as "EOTT-DENTON-8896" in all future RCRA non-exempt crude oil spill reports to the OCD.
3. EOTT will notify the OCD within 24 hours of any system changes which could potentially alter the composition of any spilled crude such that RCRA hazardous waste characteristics in the spill area could be exceeded.

OIL CONSERVATION
DIVISION

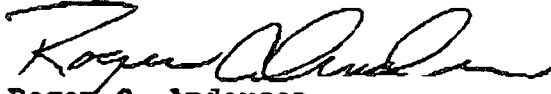
MAY 05 1997

RECEIVED

Ms. Lennah Frost
September 17, 1996
Page -2-

Please be advised that OCD approval does not relieve EOTT of liability should these types of leaks and spills result in actual contamination of surface waters, ground waters or the environment. In addition, OCD approval does not relieve EOTT of responsibility for compliance with any other federal, state or local laws and/or regulations. If you have questions please contact me at (505) 827-7152.

Sincerely,



Roger C. Anderson
Environmental Bureau Chief

xc: OCD Artesia District Office
Benito Garcia, NMED Hazardous and Radioactive Waste Bureau

UCC MEX
OFFICE
MAY 05 1997
RECEIVED

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

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

DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

SUBMIT 2 COPIES TO
APPROPRIATE DISTRICT
OFFICE IN ACCORDANCE
WITH RULE 116 PRINTED
ON BACK SIDE OF FORM

1-800 999-6710
9989095

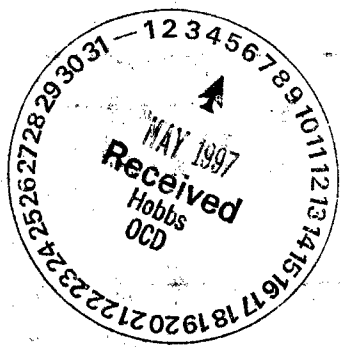
NOTIFICATION OF FIRE, BREAKS, SPILLS, LEAKS, AND BLOWOUTS

OPERATOR <i>EOTT Energy Pipeline</i>				ADDRESS <i>PO Box 1660 Midland</i>				TELEPHONE # <i>915/6872090</i>	
REPORT OF	FIRE	BREAK <i>✓</i>	SPILL	LEAK <i>✓</i>	BLOWOUT	OTHER*			
TYPE OF FACILITY	DRUG WELL	PROD WELL	TANK BTRY	PIPE LINE <i>✓</i>	GASO PLNT	OIL RFY	OTHER*		
FACILITY NAME:									
LOCATION OF FACILITY					SEC. <i>11</i>	TWP. <i>155</i>	RGE. <i>37E</i>	COUNTY <i>Lea</i>	
On/Off Sec. or Footage									
DISTANCE AND DIRECTION FROM NEAREST TOWN OR PROMINENT LANDMARK <i>22 miles E of Lordsburg off of Plains Hwy</i>									
DATE AND HOUR OF OCCURRENCE <i>5/1/97 2:00 PM</i>					DATE AND HOUR OF DISCOVERY <i>Same</i>				
WAS IMMEDIATE NOTICE GIVEN?		YES <i>✓</i>	NO	NOT REQUIRED	IF YES, TO WHOM <i>Karen</i>				
BY WHOM <i>Lennah Frost</i>					DATE AND HOUR <i>5-2-97 10AM</i>				
TYPE OF FLUID LOST <i>Crude Oil</i>					QUANTITY OF LOSS <i>25 bbls</i>		VOLUME RECOVERED <i>15 bbls</i>		
DID ANY FLUIDS REACH A WATERCOURSE?		YES	NO <i>✓</i>	QUANTITY					
IF YES, DESCRIBE FULLY**									
<i>UNITED STATES OFFICE</i> <i>MAY 05 1997</i> <i>RECEIVED</i>									
DESCRIBE CAUSE OF PROBLEM AND REMEDIAL ACTION TAKEN**									
<i>Internal Corrosion - Clamped & will replace pipe</i>									
DESCRIBE AREA AFFECTED AND CLEANUP ACTION TAKEN**									
<i>Area is rocky. Will be excavated & disposed of at Goo Yea Landfarm</i>									
DESCRIPTION OF AREA	FARMING	GRAZING <i>✓</i>	URBAN	OTHER*					
SURFACE CONDITIONS	SANDY	SANDY LOAM	CLAY	ROCKY <i>✓</i>	WET	DRY	SNOW		
DESCRIBE GENERAL CONDITIONS PREVAILING (TEMPERATURE, PRECIPITATION, ETC.)**									
<i>Clear</i>									
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF									
SIGNED <i>Lennah Frost</i>	PRINTED NAME AND TITLE <i>Lennah Frost ENV Eng</i>				DATE <i>5-5-97</i>				

*SPECIFY

**ATTACH ADDITIONAL SHEETS IF NECESSARY

010 118 42-1
373745



District I - (505) 393-6161
P.O. Box 1940
Hobbs, NM 88241-1980
District II - (505) 748-1283
P.O. Drawer DD
Artesia, NM 88211-0719
District III - (505) 334-6178
000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-5810

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

TO: MARK ASHLEY

Form C-13
Originated 1/19/90

Submit Original
Plus 1 Copy
to Santa Fe
1 Copy to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator <u>BS Services Co.</u>
Verbal Approval Received: Yes ☐ No ☐	5. Originating Site <u>Hobbs District</u>
2. Management Facility Destination <u>SE 1/4 Sec. 14, T11S, R38E, Lea County, NM</u> <u>600 Yea Landfarm</u>	6. Transporter <u>Rhino/CSI</u>
3. Address of Facility Operator <u>P.O. Box 25547, Alb., NM</u> <u>4007 Lovington Hwy., Hobbs, NM</u>	8. State <u>New Mexico</u>
7. Location of Material (Street Address or ULSTR) <u>2708 W. County Rd</u> <u>Hobbs, NM 88240</u>	
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. <u>(B)</u> All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to APPROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approve. All transporters must certify the wastes delivered are only those consigned for transport.	

RECEIVED

MAR 24 1997

BRIEF DESCRIPTION OF MATERIAL:

Environmental Bureau
Oil Conservation Division

Approximately 650 yd³ of non-exempt hydrocarbon contaminated soil - removed from area surrounding three large and one small wastewater storage tanks.
Analytical data is attached.

UCC RECORDS
OFFICE

MAR 17 1997

RECEIVED

Estimated Volume 650 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: [Signature] TITLE: Manager DATE: 3-13-97
TYPE OR PRINT NAME Daniele Berardelli TELEPHONE NO. 505-242-6464

(This space for State Use)

APPROVED BY: [Signature] TITLE: ENVR ENGR DATE: 3/18/97

APPROVED BY: [Signature] TITLE: Bureau Chief DATE: 3/24/97

Printed in Hobbs 3/25/97



RHINO

Environmental Services, Inc.

300 Broadway NE • Albuquerque, New Mexico 87102
(505) 242-6464 • Fax (505) 247-4941

March 13, 1997

Mr. Wayne Price
Oil Conservation Division (OCD)
District - I
P.O. Box 1980
Hobbs, New Mexico 88241-1980
(505) 393-6161

Re: **BJ Services Company, USA**
Hobbs District Office
Non-Exempt Waste

Dear Mr. Price:

Enclosed, please find the Certificate of Waste Status, Form C-138, and all associated analytical data, inclusive of the chain of custody, for the non-exempt material located at the Hobbs site of BJ Services Company. Rhino Environmental Services, Inc. (Rhino) is requesting approval to accept approximately 650 cubic yards of hydrocarbon contaminated soil from the above referenced site into our Goo Yea Landfarm facility.

Rhino appreciates your time and consideration. Please don't hesitate to call if you have any questions or require additional information.

Sincerely,

Daniele Berardelli
Facility Manager

CC: Andrew Landoll
Constructive Solutions, Inc.

OLD HOBBS
OFFICE
MAR 17 1997
RECEIVED

CERTIFICATE OF WASTE STATUS

NON-EXEMPT WASTE MATERIAL

ORIGINATION LOCATION: BT Services Company, U.S.A. Mills, NM Dist
SOURCE: Backfill soil surrounding 4 wastewater tanks
DISPOSAL LOCATION: Goo Yea Landfarm

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

I, the undersigned as the agent for the BT Services Company, U.S.A.
concur with the status of the waste from the subject site.

Name: Rick N. Johnson
Title: Environmental Specialist
Address: 8701 New Trails Drive
The Woodlands, TX 77381
Signature: [Signature]
Date: 3-13-97

OLD HUBB
OFFICE
MAR 17 1997
RECEIVED

MAR 13 '97 18:13

505 247 4941
** TOTAL PAGE.02 **

TOTAL P.01

TOTAL P.01

EPIC

LABORATORIES, INC.

ANALYTICAL AND QUALITY CONTROL REPORT

Andy Landoll
RHINO ENVIRONMENTAL, INC.
P.O. Box 25547
300 Broadway NE, 87102
Albuquerque, NM 87125

03/11/1997.

EPIC Job Number: 97.00820

Enclosed is the Analytical and Quality Control report for the following samples submitted to the Dallas Division of EPIC Laboratories, Inc. for analysis. Reproduction of this analytical report is permitted only in its entirety.

<u>Sample Number</u>	<u>Sample Description</u>	<u>Date Taken</u>	<u>Date Received</u>
329513	South Stock Pile Composite	03/06/1997	03/07/1997
329514	East Stock Pile Composite	03/06/1997	03/07/1997

EPIC Laboratories, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Holding Times: All holding times were within method criteria.

Method Blanks: All method blanks were within quality control criteria.

Instrument calibration: All calibrations were within method quality control criteria.

Analysis Comments: No Unusual Comments


Jim Rowley
Project Manager

1548 Valwood Parkway, Suite 118, Carrollton, Texas 75008
2621 Ridgeway Drive, Suite 135, Austin, Texas 78754
13802 Placid Brook Court, Houston, Texas 77059

(972) 406-8100
(512) 828-8905
(281) 286-1400

Fax: (972) 484-2969
Fax: (512) 828-3208
Fax: (281) 256-2424

ANALYTICAL REPORT

Andy Landoll
RHINO ENVIRONMENTAL, INC.
P.O. Box 25547
300 Broadway NE, 87102
Albuquerque, NM 87125

03/11/1997

EPIC Job Number: 97.00820

Page No.: 2

Project Description: BJ Services Hobbs, NM

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Prep No.	Run No.	Method Reference
SAMPLE NO. 329513 SAMPLE DESCRIPTION South Stock Pile Composite DATE-TIME TAKEN 03/06/1997 09:50									
Cyanide, Reactive	<0.25		ug/kg	0.25	03/07/1997	kwo		497	S-7.3.3.1
pH, Corrosivity	9.17		units	N/A	03/10/1997	kwo		1408	S-7.1.2
Sulfide, Reactive	30		ug/kg	12.5	03/07/1997	kwo		930	S-7.3.4.1
TSS-618.1 (Nonaqueous)	1420		ug/g	10	03/10/1997	dsb		1280	S-418.1
ICP Metals - Aqueous	complete				03/10/1997	jwb		1696	
ICP NON-VOLATILE EXTRACTION	C			COMPLETE	03/11/1997	msw	524		S-1311
EXTRACTION, SKE VOLATILE	C 2-7-9			COMPLETE	03/10/1997	jwb	930		S-1311
ICP-Prep AA, ICP	C			COMPLETE	03/10/1997	new	1204		S-3010A
ICP-Arsenic, ICP	<0.03		ug/L	0.03	03/10/1997	jwb	1204	1528	S-6010A
ICP-Barium, ICP	1.2		ug/L	0.01	03/10/1997	jwb	1204	1615	S-6010A
ICP-Cadmium, ICP	<0.01		ug/L	0.01	03/10/1997	jwb	1204	1590	S-6010A
ICP-Chromium, ICP	<0.01		ug/L	0.01	03/10/1997	jwb	1204	1589	S-6010A
ICP-Lead, ICP	<0.03		ug/L	0.03	03/10/1997	jwb	1204	1598	S-6010A
ICP-Mercury, CVA	<0.02	EDL	ug/L	0.0002	03/10/1997	dsb		1342	S-7470A
ICP-Selenium, ICP	<0.04		ug/L	0.04	03/10/1997	jwb	1204	1527	S-6010A
ICP-Silver, ICP	<0.01		ug/L	0.01	03/10/1997	jwb	1204	1580	S-6010A
Ignitability	DSB	DSB			03/10/1997	dsb		311	ASTM D4982-93
EXTRACTION, ICP SEMI-VOLATILE	C 3-7-9				03/07/1997	jwb	447		S-1311
EPA 8020-MONAD									
Benzene	<10		ug/kg	10	03/07/1997	ast		929	S-8020A
Ethylbenzene	<10		ug/kg	10	03/07/1997	ast		929	S-8020A
Toluene	<10		ug/kg	10	03/07/1997	ast		929	S-8020A
Xylenes, Total	<10		ug/kg	10	03/07/1997	ast		929	S-8020A
SUR: a.s.a.-TFT	96		% Rec	50-130	03/07/1997	ast		929	
SW/A ANALYSIS	C					dtw		240	S-625/S-8270
Prep. ICP - BSA	C 3-10-			complete	03/10/1997	jwb	438		S-1310
ICP-ACID EXTRACTABLES - 8270									
ICP-Cresols, Total	<0.066		ug/L	0.066	03/10/1997	dtw	430	421	S-8270A
ICP-Pentachlorophenol	<0.33		ug/L	0.33	03/10/1997	dtw	430	421	S-8270A
ICP-2,4,5-Trichlorophenol	<0.066		ug/L	0.066	03/10/1997	dtw	430	421	S-8270A
ICP-2,4,6-Trichlorophenol	<0.066		ug/L	0.066	03/10/1997	dtw	430	421	S-8270A
SUR: 2-Fluorophenol	66		% Rec	21-100	03/10/1997	dtw	430	421	S-8270A
SUR: Phenol-45	56		% Rec	10-94	03/10/1997	dtw	430	421	S-8270A
SUR: 2,4,6-Trichlorophenol	66		% Rec	10-123	03/10/1997	dtw	430	421	S-8270A
ICP-BASE NEUTRALIS - 8270									
ICP-1,4-Dichlorobenzene	<0.066		ug/L	0.066	03/10/1997	dtw	430	420	S-8270A
ICP-2,4-Dinitrobenzene	<0.066		ug/L	0.066	03/10/1997	dtw	430	420	S-8270A
ICP-Benzochlorobenzene	<0.066		ug/L	0.066	03/10/1997	dtw	430	420	S-8270A

DSB - Does Not Detect.

EDL - Elevated Detection Limit due to matrix interference.

ANALYTICAL REPORT

Andy Landoll
RHINO ENVIRONMENTAL, INC.
P.O. Box 25547
300 Broadway NE, 87102
Albuquerque, NM 87125

03/11/1997

EPIC Job Number: 97.00820

Page No.: 3

Project Description: BJ Services Hobbs, NM

Analyte	Result	Flag	Units	Limit	Reporting Date	Analyst	Batch	Batch	Method	Reference
					Analysed	Initials	No.	No.		
SAMPLE NO.	SAMPLE DESCRIPTION								DATE-TIME TAKEN	
329513	South Stock Pile Composite								03/06/1997 09:50	
TCLP-Monochlorobutadiene	<0.066		ug/L	0.080	03/10/1997	dcw	438	420	S-8270A	
TCLP-Monochloroethane	<0.066		ug/L	0.066	03/10/1997	dcw	438	420	S-8270A	
TCLP-Nitrobenzene	<0.066		ug/L	0.066	03/10/1997	dcw	438	420	S-8270A	
TCLP-Pyridine	<0.066		ug/L	0.066	03/10/1997	dcw	438	420	S-8270A	
SUR: 2-Fluorobiphenyl	84		g Rec	43-136	03/10/1997	dcw	438	420	S-8270A	
SUR: Nitrobenzene-d5	80		g Rec	36-114	03/10/1997	dcw	438	420	S-8270A	
SUR: Terphenyl-d14	83		g Rec	33-141	03/10/1997	dcw	438	420	S-8270A	
TCLP-0240										
TCLP-Benzene	<0.025		ug/L	0.025	03/08/1997	acg		1175	S-8240A	
TCLP-2-Butanone (MEK)	<0.50		ug/L	0.50	03/08/1997	acg		1175	S-8240A	
TCLP-Carbon Tetrachloride	<0.025		ug/L	0.025	03/08/1997	acg		1175	S-8240A	
TCLP-Chlorobenzene	<0.025		ug/L	0.025	03/08/1997	acg		1175	S-8240A	
TCLP-Chloroform	<0.025		ug/L	0.025	03/08/1997	acg		1175	S-8240A	
TCLP-1,2-Dichloroethane	<0.025		ug/L	0.025	03/08/1997	acg		1175	S-8240A	
TCLP-1,1-Dichloroethane	<0.025		ug/L	0.025	03/08/1997	acg		1175	S-8240A	
TCLP-Tetrachloroethane	<0.025		ug/L	0.025	03/08/1997	acg		1175	S-8240A	
TCLP-Trichloroethane	<0.025		ug/L	0.025	03/08/1997	acg		1175	S-8240A	
TCLP-Vinyl chloride	<0.05		ug/L	0.05	03/08/1997	acg		1175	S-8240A	
SUR: 1,2-Dichloroethane-d4	107		g Rec	76-114	03/08/1997	acg		1175	S-8240A	
SUR: Toluene-d8	101		g Rec	88-110	03/08/1997	acg		1175	S-8240A	
SUR: 4-Bromofluorobenzene	108		g Rec	86-116	03/08/1997	acg		1175	S-8240A	
SAMPLE NO.	SAMPLE DESCRIPTION								DATE-TIME TAKEN	
329514	East Stock Pile Composite								03/06/1997 11:01	
Cyanide, Reactive	<0.25		ug/kg	0.25	03/07/1997	hco		487	S-7.3.3.1	
pH, Corrosivity	8.35		units	N/A	03/10/1997	hco		1405	S-7.2.7	
Sulfide, Reactive	<12.5		ug/kg	12.5	03/07/1997	hco		530	S-7.3.4.1	
TPH-418.1 (Nonaqueous)	644		ug/g	10	03/10/1997	hco		1280	S-418.1	
ICP Metals - Aqueous	complete				03/10/1997	jbc		1595		
TCLP NON-VOLATILE EXTRACTION	c			COMPLETE	03/11/1997	jbc	524		S-1311	
EXTRACTION, THE VOLATILE	c 1-7-9			COMPLETE	03/10/1997	jbc	530		S-1311	
TCLP-Prop AA, ICP	c			COMPLETE	03/10/1997	jbc	1204		S-6010A	
TCLP-Arsenic, ICP	0.04		ug/L	0.01	03/10/1997	jbc	1204	1524	S-6010A	
TCLP-Barium, ICP	1.3		ug/L	0.01	03/10/1997	jbc	1204	1415	S-6010A	
TCLP-Cadmium, ICP	<0.01		ug/L	0.01	03/10/1997	jbc	1204	1590	S-6010A	

ANALYTICAL REPORT

Andy Landoll
RHINO ENVIRONMENTAL, INC.
P.O. Box 25547
300 Broadway NE, 87102
Albuquerque, NM 87125

03/11/1997

EPIC Job Number: 97.00820

Page No.: 4

Project Description: BJ Services Hobbs, NM

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Prep No.	Run Batch No.	Method Reference
SAMPLE NO. 329514	SAMPLE DESCRIPTION East Stock Pile Composite				DATE-TIME TAKEN 03/06/1997 11:01				
TCLP-Chromium, ICP	<0.01		ug/L	0.01	03/10/1997	jmc	1304	1589	S-6010A
TCLP-Lead, ICP	<0.03		ug/L	0.03	03/10/1997	jmc	1304	1589	S-6010A
TCLP-Mercury, CVA	<0.02	EDL	ug/L	0.0002	03/10/1997	bmb		1342	S-7410A
TCLP-Selenium, ICP	<0.04		ug/L	0.04	03/10/1997	jmc	1304	1527	S-6010A
TCLP-Silver, ICP	<0.01		ug/L	0.01	03/10/1997	jmc	1304	1589	S-6010A
Ignitability	DNB	DNB			03/10/1997	bee		311	ASTM D4952-87
EXTRACTIONS, TCLP SEMI-VOLATILE	c 3-7-9				03/07/1997	jch	447		S-1311
EPA 8020-MURQ									
Benzene	<10		ug/kg	10	03/07/1997	ast		929	S-8030A
Ethylbenzene	120		ug/kg	10	03/07/1997	ast		929	S-8030A
Toluene	63		ug/kg	10	03/07/1997	ast		929	S-8030A
Xylenes, Total	600		ug/kg	10	03/07/1997	ast		929	S-8030A
SURR: 2,4,6-TPT	88		% Rec	80-130	03/07/1997	ast		929	
SW/A ANALYSIS	c					dcw		240	S-625/S-8270
Prep, TCLP - SWA	c 3-10-			complete	03/10/1997	jch	438		S-3510
TCLP-ACID EXTRACTABLES - 8270									
TCLP-Cresols, Total	<0.066		ug/L	0.066	03/10/1997	dcw	438	421	S-8270A
TCLP-Pentachlorophenol	<0.33		ug/L	0.33	03/10/1997	dcw	438	421	S-8270A
TCLP-2,4,5-Trichlorophenol	<0.066		ug/L	0.066	03/10/1997	dcw	438	421	S-8270A
TCLP-2,4,6-Trichlorophenol	<0.066		ug/L	0.066	03/10/1997	dcw	438	421	S-8270A
SURR: 2-Fluorophenol	52		% Rec	21-100	03/10/1997	dcw	438	421	S-8270A
SURR: Phenol-d5	54		% Rec	10-94	03/10/1997	dcw	438	421	S-8270A
SURR: 2,4,6-Trichlorophenol	68		% Rec	10-123	03/10/1997	dcw	438	421	S-8270A
TCLP-BASE NEUTRALS - 8270									
TCLP-1,4-Dichlorobenzene	<0.066		ug/L	0.066	03/10/1997	dcw	438	420	S-8270A
TCLP-2,6-Dinitrotoluene	<0.066		ug/L	0.066	03/10/1997	dcw	438	420	S-8270A
TCLP-Hexachlorobenzene	<0.066		ug/L	0.066	03/10/1997	dcw	438	420	S-8270A
TCLP-Hexachlorobutadiene	<0.066		ug/L	0.066	03/10/1997	dcw	438	420	S-8270A
TCLP-Hexachlorocyclopentadiene	<0.066		ug/L	0.066	03/10/1997	dcw	438	420	S-8270A
TCLP-Microbencene	<0.066		ug/L	0.066	03/10/1997	dcw	438	420	S-8270A
TCLP-Pyridine	<0.066		ug/L	0.066	03/10/1997	dcw	438	420	S-8270A
SURR: 2-Fluorobiphenyl	75		% Rec	43-116	03/10/1997	dcw	438	420	S-8270A
SURR: Microbenzene-d5	76		% Rec	35-124	03/10/1997	dcw	438	420	S-8270A
SURR: Biphenyl-d14	80		% Rec	33-141	03/10/1997	dcw	438	420	S-8270A
TCLP-8240									
TCLP-Benzene	<0.025		ug/L	0.025	03/08/1997	acg		1175	S-8240A
TCLP-2-Butanone (MEK)	<0.50		ug/L	0.50	03/08/1997	acg		1175	S-8240A
TCLP-Carbon Tetrachloride	<0.025		ug/L	0.025	03/08/1997	acg		1175	S-8240A

DNB - Does not burn.

EDL - Elevated Detection Limit due to matrix interference.

ANALYTICAL REPORT

Andy Landoll
RHINO ENVIRONMENTAL, INC.
P.O. Box 25547
300 Broadway NE, 87102
Albuquerque, NM 87125

03/11/1997

BPIC Job Number: 97.00820

Page No.: 5

Project Description: BJ Services Hobbs, NM

Analyte	Result	Flag	Units	Reporting	Date	Analyst	Prep	Run	Method Reference
				Limit	Analyzed	Initials	Batch	No.	
SAMPLE NO.				SAMPLE DESCRIPTION				DATE-TIME TAKEN	
329514				East Stock File Composite				03/06/1997 11:01	
TCDF-Chlorobenzene	<0.025		ug/L	0.025	03/06/1997	acg		1175	S-8240A
TCDF-Chloroform	<0.025		ug/L	0.025	03/06/1997	acg		1175	S-8240A
TCDF-1,2-Dichloroethane	<0.025		ug/L	0.025	03/06/1997	acg		1175	S-8240A
TCDF-1,1-Dichloroethane	<0.025		ug/L	0.025	03/06/1997	acg		1175	S-8240A
TCDF-Tetrachloroethane	<0.025		ug/L	0.025	03/06/1997	acg		1175	S-8240A
TCDF-Trichloroethane	<0.025		ug/L	0.025	03/06/1997	acg		1175	S-8240A
TCDF-Vinyl chloride	<0.05		ug/L	0.05	03/06/1997	acg		1175	S-8240A
SMR: 1,2-Dichloroethane-84	103		% Rec	75-114	03/06/1997	acg		1175	S-8240A
SMR: Toluene-88	102		% Rec	88-110	03/06/1997	acg		1175	S-8240A
SMR: 4-Bromofluorobenzene	107		% Rec	86-115	03/06/1997	acg		1175	S-8240A

QUALITY CONTROL REPORT **Continuing Calibration Verification** **(CCV)**

JOB NUMBER: 97.00820

Analyte	Prep Batch No.	Run Batch No.	Method	CCV True Value	Units	CCV Conc Found	CCV % Rec	Date Flask Analyzed
Cyanide, Reactive		497	S-7.3.3.1	1.0	ug/kg	1.02	102	03/07/1997
Sulfide, Reactive		520	S-7.3.4.1	1000	ug/kg	1000	100	03/07/1997
TSS-410.1 (Nonsuspensable)		1280	S-410.1	104	ug/g	105.8	102	03/07/1997
TCLP-Arsenic, ICP		1528	S-6010A	1.00	ug/L	1.02	102	03/10/1997
TCLP-Barium, ICP		1615	S-6010A	1.00	ug/L	1.00	100	03/10/1997
TCLP-Cadmium, ICP		1550	S-6010A	1.00	ug/L	1.02	102	03/10/1997
TCLP-Chromium, ICP		1569	S-6010A	1.00	ug/L	1.04	104	03/10/1997
TCLP-Lead, ICP		1594	S-6010A	1.00	ug/L	1.02	102	03/10/1997
TCLP-Mercury, CVA		1342	S-7478A	0.50	ug/L	0.51	102	03/10/1997
TCLP-Selenium, ICP		1527	S-6010A	1.00	ug/L	1.05	105	03/10/1997
TCLP-Silver, ICP		1580	S-6010A	1.00	ug/L	1.02	102	03/10/1997
EPA 8020-MOHAQ			S-8020A					
Benzoate		929	S-8020A	20	ug/kg	18	90	03/07/1997
Biphenyls		929	S-8020A	20	ug/kg	26	130	03/07/1997
Toluene		929	S-8020A	20	ug/kg	17	85	03/07/1997
Xylenes, Total		929	S-8020A	40	ug/kg	78	130	03/07/1997
TCLP-ACID EXTRACTABLES - 8270			S-8270A					
TCLP-Cresols, Total		421	S-8270A	0.148	mg/L	0.160	108	03/10/1997
TCLP-Pentachlorophenol		421	S-8270A	0.080	mg/L	0.071	89	03/10/1997
TCLP-2,4,5-Trichlorophenol		421	S-8270A	0.080	mg/L	0.065	81	03/10/1997

Method References and Codes

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

E-100 through 493: "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-78-020, rev. 1983.

E-601 through 625: "Guidelines Establishing Test Procedures for the Analysis of Pollutants", U.S. EPA, 40CFR, Part 136, rev. 1990.

9-1000 through 9999: "Test Methods for Evaluating Solid Waste", U.S. EPA SW-646, 3rd Edition, 1996.

A: "Standard Methods for the Examination of Water and Wastewater", 16th Edition, APHA, 1995.

SM: "Standard Methods for the Examination of Water and Wastewater", 16th Edition, APHA, 1992.

D: ASTM Method

M: Method has been modified

O: Other Reference

QUALITY CONTROL REPORT **Continuing Calibration Verification** **(CCV)**

JOB NUMBER: 97.00820

Analyte	Prep Batch No.	Rm Batch No.	Method	CCV True Value	Units	CCV Conc Found	CCV % Rec	Flag	Date Analyzed
TCLP-2,4,6-Trichlorophenol		421	S-8270A	0.088	mg/L	0.087	99		03/10/1997
TCLP-BASE NEUTRALS - 8270			S-8270A						
TCLP-1,4-Dichlorobenzene		420	S-8270A	0.080	mg/L	0.072	90		03/10/1997
TCLP-3,4-Dinitrotoluene		420	S-8270A	0.080	mg/L	0.070	88		03/10/1997
TCLP-Monochlorobenzene		420	S-8270A	0.080	mg/L	0.062	78		03/10/1997
TCLP-Monochlorobutadiene		420	S-8270A	0.080	mg/L	0.056	69		03/10/1997
TCLP-Monochloroethane		420	S-8270A	0.080	mg/L	0.066	83		03/10/1997
TCLP-Microbenzene		420	S-8270A	0.080	mg/L	0.068	85		03/10/1997
TCLP-Pyridine		420	S-8270A	0.080	mg/L	0.082	102		03/10/1997
TCLP-8240			S-8240A						
TCLP-Benzene		1175	S-8240A	0.020	mg/L	0.021	105		03/08/1997
TCLP-2-Butanone (MIBK)		1175	S-8240A	0.020	mg/L	0.020	100		03/08/1997
TCLP-Carbon Tetrachloride		1175	S-8240A	0.020	mg/L	0.025	125		03/08/1997
TCLP-Chlorobenzene		1175	S-8240A	0.020	mg/L	0.022	110		03/08/1997
TCLP-Chloroform		1175	S-8240A	0.020	mg/L	0.020	100		03/08/1997
TCLP-1,2-Dichloroethane		1175	S-8240A	0.020	mg/L	0.020	100		03/08/1997
TCLP-1,1-Dichloroethane		1175	S-8240A	0.020	mg/L	0.019	95		03/08/1997
TCLP-Tetrachloroethane		1175	S-8240A	0.020	mg/L	0.019	95		03/08/1997
TCLP-Trichloroethane		1175	S-8240A	0.020	mg/L	0.020	100		03/08/1997
TCLP-Vinyl chloride		1175	S-8240A	0.020	mg/L	0.016	80		03/08/1997

Method References and Codes

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

- E-100 through 499: "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, rev. 1993.
- E-601 through 625: "Guidelines Establishing Test Procedures for the Analysis of Pollutants", U.S. EPA, 40CFR, Part 136, rev. 1990.
- S-1000 through 9999: "Test Methods for Evaluating Solid Waste", U.S. EPA SM-846, 1st Edition, 1986.
- A: "Standard Methods for the Examination of Water and Wastewater", 16th Edition, APHA, 1985.
- SM: "Standard Methods for the Examination of Water and Wastewater", 18th Edition, APHA, 1992.
- D: ASTM Method.
- M: Method has been modified.
- *: Other Reference.

QUALITY CONTROL REPORT BLANKS

JOB NUMBER: 97.00820

Analyte	Prep Batch No.	Run Batch No.	Blank Value	Flag	Units	Reporting Limit	Date Analyzed
Cyanide, Reactive		497	<0.25		mg/kg	0.25	03/07/1997
Sulfide, Reactive		520	<12.5		mg/kg	12.5	03/07/1997
TPH-418.1 (Monaqueous)		1280	<10		ug/g	10	03/07/1997
TCLP-Arsenic, ICP	1204	1524	<0.03		mg/L	0.03	03/10/1997
TCLP-Barium, ICP	1204	1415	<0.01		mg/L	0.01	03/10/1997
TCLP-Cadmium, ICP	1204	1590	<0.01		mg/L	0.01	03/10/1997
TCLP-Chromium, ICP	1204	1589	<0.01		mg/L	0.01	03/10/1997
TCLP-Lead, ICP	1204	1598	<0.03		mg/L	0.03	03/10/1997
TCLP-Mercury, CVA		1342	<0.0002		ug/L	0.0002	03/10/1997
TCLP-Selenium, ICP	1204	1527	<0.04		mg/L	0.04	03/10/1997
TCLP-Silver, ICP	1204	1580	<0.01		mg/L	0.01	03/10/1997
TCLP-ACID EXTRACTABLES - 8270							
TCLP-Cresole, Total	438	421	<0.066		mg/L	0.066	03/10/1997
TCLP-Pentachlorophenol	438	421	<0.33		mg/L	0.33	03/10/1997
TCLP-1,4,5-Trichlorophenol	438	421	<0.066		mg/L	0.066	03/10/1997
TCLP-2,4,6-Trichlorophenol	438	421	<0.066		mg/L	0.066	03/10/1997
TCLP-BASE NEUTRALS - 8270							
TCLP-1,4-Dichlorobenzene	438	420	<0.066		mg/L	0.066	03/10/1997
TCLP-2,4-Dinitrochlorobenzene	438	420	<0.066		mg/L	0.066	03/10/1997
TCLP-Hexachlorobenzene	438	420	<0.066		mg/L	0.066	03/10/1997
TCLP-Hexachlorocyclopentadiene	438	420	<0.066		mg/L	0.066	03/10/1997
TCLP-Hexachloroethane	438	420	<0.066		mg/L	0.066	03/10/1997
TCLP-Nitrobenzene	438	420	<0.066		mg/L	0.066	03/10/1997
TCLP-Pyridine	438	420	<0.066		mg/L	0.066	03/10/1997
TCLP-8240							
TCLP-Benzene		1175	<0.025		mg/L	0.025	03/08/1997
TCLP-2-Butanone (MEK)		1175	<0.50		mg/L	0.50	03/08/1997
TCLP-Carbon Tetrachloride		1175	<0.025		mg/L	0.025	03/08/1997
TCLP-Chlorobenzene		1175	<0.025		mg/L	0.025	03/08/1997
TCLP-Chloroform		1175	<0.025		mg/L	0.025	03/08/1997
TCLP-1,2-Dichloroethane		1175	<0.025		mg/L	0.025	03/08/1997
TCLP-1,1-Dichloroethane		1175	<0.025		mg/L	0.025	03/08/1997
TCLP-Tetrachloroethene		1175	<0.025		mg/L	0.025	03/08/1997
TCLP-Trichloroethene		1175	<0.025		mg/L	0.025	03/08/1997
TCLP-Vinyl Chloride		1175	<0.05		mg/L	0.05	03/08/1997

Advisory Control Limits for Blanks

Metals/Wet Chemistry/Conventionals/CC - All compounds should be less than the Reporting Limit.

GC/MS Semi-Volatiles - All compounds should be less than the Reporting Limit except for phthalates which should be less than 5 times the Reporting Limit.

GC/MS Volatiles - Toluene, Methylene chloride, Acetone and Chloroform should be less than 5 times the Reporting Limit. All other volatile compounds should be less than the Reporting Limit.

QUALITY CONTROL REPORT Laboratory Control Sample (LCS)

JOB NUMBER: 97.00820

Analyte	Prep Batch No.	Run Batch No.	LCS True Conc	Units	LCS Conc Found	LCS Rec.	LCS Dup Conc. Found	LCS Dup % Rec	LCS RPD	Flag	Date Analyzed
Cyanide, Resective		497	1000	mg/kg	228	23					03/07/1997
pH, Corrosivity		1406	9.18	units	9.08	99					03/10/1997
Sulfide, Resective		538	250	mg/kg	260	104					03/07/1997
TPH-418.1 (Nonaqueous)		1280	2660	ug/g	3557	98					03/07/1997
TCDF-Arsenic, ICP	1204	1528	1.00	ug/L	0.96	96					03/10/1997
TCDF-Barium, ICP	1204	1415	1.00	ug/L	0.94	94					03/10/1997
TCDF-Cadmium, ICP	1204	1590	1.00	ug/L	0.94	94					03/10/1997
TCDF-Chromium, ICP	1204	1589	1.00	ug/L	0.96	96					03/10/1997
TCDF-Lead, ICP	1204	1598	1.00	ug/L	0.95	95					03/10/1997
TCDF-Mercury, CVAH		1342	0.50	ug/L	0.41	82	0.52	104	24		03/10/1997
TCDF-Selenium, ICP	1204	1527	1.00	ug/L	0.95	95					03/10/1997
TCDF-Silver, ICP	1204	1588	1.00	ug/L	1.03	103					03/10/1997
EPA 8030-WGMAQ											
Benzene		929	100	ug/kg	117	117					03/07/1997
Ethylbenzene		929	100	ug/kg	139	139					03/07/1997
Toluene		929	100	ug/kg	119	119					03/07/1997
Xylenes, Total		929	300	ug/kg	271	136					03/07/1997
TCDF-ACID EXTRACTABLES - 8278											
TCDF-Cresols, Total	438	421	0.30	mg/L	0.170	57	0.169	56	0.7		03/10/1997
TCDF-Pentachlorophenol	438	421	0.10	mg/L	0.048	48	0.046	46	4.3		03/10/1997
TCDF-2,4,5-Trichlorophenol	438	421	0.10	mg/L	0.039	39	0.038	38	2.6		03/10/1997
TCDF-2,4,6-Trichlorophenol	438	421	0.10	mg/L	0.062	62	0.059	59	5		03/10/1997
TCDF-BASE NEUTRALIS - 8278											
TCDF-1,4-Dichlorobenzene	438	420	0.10	mg/L	0.072	72	0.071	71	1.6		03/10/1997
TCDF-1,4-Dinitrotoluene	438	420	0.10	mg/L	0.063	63	0.061	61	3.2		03/10/1997
TCDF-Hexachlorobenzene	438	420	0.10	mg/L	0.061	61	0.059	59	3.3		03/10/1997
TCDF-Hexachlorobutadiene	438	420	0.10	mg/L	0.057	57	0.057	57	0		03/10/1997
TCDF-Hexachloroethane	438	420	0.10	mg/L	0.059	59	0.058	58	1.7		03/10/1997
TCDF-Nitrobenzene	438	420	0.10	mg/L	0.062	62	0.062	62	0		03/10/1997
TCDF-Pyridine	438	420	0.10	mg/L	0.074	74	0.067	67	9.9		03/10/1997
TCDF-9240											
TCDF-Benzene		1175	0.020	mg/L	0.021	105	0.019	95	10		03/08/1997
TCDF-2-Butanone (MEK)		1175	0.020	mg/L	0.028	140	0.021	155	10		03/08/1997
TCDF-Carbon Tetrachloride		1175	0.020	mg/L	0.026	130	0.028	140	7.4		03/08/1997
TCDF-Chlorobenzene		1175	0.020	mg/L	0.020	100	0.020	100	0		03/08/1997
TCDF-Chloroform		1175	0.020	mg/L	0.020	100	0.018	90	21		03/08/1997
TCDF-1,2-Dichloroethane		1175	0.020	mg/L	0.020	100	0.020	100	0		03/08/1997
TCDF-1,1-Dichloroethane		1175	0.020	mg/L	0.020	100	0.017	85	16		03/08/1997
TCDF-Tetrachloroethane		1175	0.020	mg/L	0.019	95	0.020	100	5.1		03/08/1997
TCDF-Trichloroethane		1175	0.020	mg/L	0.020	100	0.020	100	0		03/08/1997
TCDF-Vinyl chloride		1175	0.020	mg/L	0.013	65	0.014	80	21		03/08/1997

Advisory Control Limits for LCS

Inorganic Parameters - The LCS recovery should be 80-120%.

QUALITY CONTROL REPORT Matrix Spike / Matrix Spike Duplicate (MS / MSD)

JOB NUMBER: 97-00820

Analyte	Prep Batch No.	Run Batch No.	MS/MSD Sample Number	Conc. Spike Added	Units	Sample Result	Conc. MS Result	MS %	Conc. MSD Result	MSD %	RPD	Flag	Date Analyzed
TPH-413.1 (Nonaqueous)		1280	329482	500	ug/g	55	532	95	497	88	7.6		03/07/1997
TPH-418.1 (Nonaqueous)		1280	329570	125	ug/g	<10	114	91	122	98	6.8		03/11/1997
TCLP-Arsenic, ICP	1204	1528	329513	1.00	ug/L	<0.03	1.84	104	1.03	103	1		03/10/1997
TCLP-Barium, ICP	1204	1415	329513	1.00	ug/L	1.2	2.2	180	2.3	180	0		03/10/1997
TCLP-Cadmium, ICP	1204	1590	329513	1.00	ug/L	<0.01	0.93	93	0.91	91	2.2		03/10/1997
TCLP-Chromium, ICP	1204	1589	329513	1.00	ug/L	<0.01	0.96	96	0.96	96	2.1		03/10/1997
TCLP-Lead, ICP	1204	1590	329513	1.00	ug/L	<0.03	0.96	96	0.96	96	0		03/10/1997
TCLP-Selenium, ICP	1204	1527	329513	1.00	ug/L	<0.04	0.36	96	0.37	97	1		03/10/1997
TCLP-Silver, ICP	1204	1580	329513	1.00	ug/L	<0.01	1.01	101	1.01	101	0		03/10/1997
TCLP-Silver, ICP		1580	329000	1.00	ug/L	<0.01	1.01	101	1.01	101	0		03/10/1997
EMA 8020-W0000			329482										
Benzene		929	329482	100	ug/kg	<10	114	114	109	109	4.5		03/07/1997
Ethylbenzene		929	329482	100	ug/kg	<10	138	138	130	130	6		03/07/1997
Toluene		929	329482	100	ug/kg	<10	109	109	104	104	4.7		03/07/1997
Xylenes, Total		929	329482	200	ug/kg	<10	269	135	251	126	6.9		03/07/1997
TCLP-4240			329513										
TCLP-Benzene		1175	329513	0.020	ug/L	<0.025	0.023	115	0.020	100	14		03/08/1997
TCLP-2-Butanone (MIBK)		1175	329513	0.020	ug/L	<0.50	0.017	85	0.018	90	5.7		03/08/1997
TCLP-Carbon Tetrachloride		1175	329513	0.020	ug/L	<0.025	0.025	125	0.026	110	3.9		03/08/1997
TCLP-Chlorobenzene		1175	329513	0.020	ug/L	<0.025	0.025	125	0.022	110	13		03/08/1997
TCLP-Chloroform		1175	329513	0.020	ug/L	<0.025	0.021	105	0.018	90	15		03/08/1997
TCLP-1,2-Dichloroethane		1175	329513	0.020	ug/L	<0.025	0.023	115	0.021	105	9.1		03/08/1997
TCLP-1,1-Dichloroethene		1175	329513	0.020	ug/L	<0.025	0.021	105	0.018	90	15		03/08/1997
TCLP-Tetrachloroethene		1175	329513	0.020	ug/L	<0.025	0.023	115	0.020	100	14		03/08/1997
TCLP-Trichloroethene		1175	329513	0.020	ug/L	<0.025	0.022	110	0.020	100	9.5		03/08/1997
TCLP-Vinyl chloride		1175	329513	0.020	ug/L	<0.05	0.017	86	0.027	45	0		03/08/1997

Advisory Control Limits for MS/MSDs

Inorganic Parameters - The spike recovery should be 75-125% if the spike amount value is greater than or equal to one fourth of the sample result value. The RPD for the MS/MSD should be less than 20.

NOTE: Matrix Spike Samples may not be samples from this job.

**QUALITY CONTROL REPORT
DUPLICATES**

JOB NUMBER: 97.00820

Analyte	Prep Batch No.	Run Batch No.	Sample Result	Duplicate Sample Result	Units	RPD	Flag	Date Analyzed
pn. Corrosivity		1406	8.17	8.22	units	0.6		03/18/1997

Advisory Control Limits for Spikes

The spike recovery should be 75-125% if the spike amount is greater than or equal to one fourth of the sample result value.

NOTE: Spike Samples may not be samples from this job.

Advisory Control Limits for Duplicates

The RPD for the sample and duplicate should be less than 20.

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒		4. Generator <u>SID RICHARDSON</u>	
Verbal Approval Received: Yes ☐ No ☐		5. Originating Site <u>MONASTATE COMPRESSOR SITE</u>	
2. Management Facility Destination <u>GOO YEA LANDFARM</u>		6. Transporter <u>RHINO</u>	
3. Address of Facility Operator <u>4007 Louington Highway</u> ^{HOBBS, NM}		8. State <u>New Mexico</u>	
7. Location of Material (Street Address or ULSTR) <u>Sec 2 T 19 R 36</u> <u>Lea County</u>			
9. <u>Circle One:</u>			
A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.			
B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved.			
All transporters must certify the wastes delivered are only those consigned for transport.			

BRIEF DESCRIPTION OF MATERIAL:

200 YARDS of NON-Exempt Soils from Compressor Site.

Backup ANALYTICAL IS ATTACHED.

Also, Approximately 200 yds of Exempt Soils will be
disposed of also.

RECEIVED

FEB 12 1997

FEB 10 1997

RECEIVED

Estimated Volume 400 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: [Signature] TITLE: Vice President DATE: 2-5-97
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: ROYCE COOPER TELEPHONE NO. 505-242-6464

(This space for State Use)

APPROVED BY: [Signature] TITLE: Field Eng DATE: 2/10/97

APPROVED BY: [Signature] TITLE: Petroleum Engineer DATE: 2/16/97

Purified in Hobbs 2/16/97



RHINO

Environmental Services, Inc.

300 Broadway NE • Albuquerque, New Mexico 87102
(505) 242-6464 • Fax (505) 247-4941

Wayne Price
Oil Conservation Division
PO Box 1980
Hobbs, NM 88241-1980

February 5, 1997

Re: Sid Richardson
Monastate Compressor Station

Dear Wayne,

Enclosed please find Form C-138 along with all backup analytical data and Certificate of Wastes Status for non-exempt material at the above referenced site. I am submitting this information requesting approval to take the material to Goo Yea Landfarm.

If you have any questions or need any other information, please call me at 505-242-6464.

Sincerely,

Royce Cooper, Jr.

cc: Harold Hicks/Sid Richardson
PO Box 1226
Jal, NM 88252

RECEIVED

FEB 12 1997

Environmental Bureau
Oil Conservation Division

SID RICHARDSON GASOLINE CO.
P. O. BOX 1226
JAL, NM 88252

Phone: (505) 395-2116

Fax: (505) 395-2326

CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL

FEB 12 1997

Originating Location: Monastate Compressor Site

Received by Bureau
of Conservation Division

Section: 12 Township: 19 Range: 36

County: Lea State: New Mexico

Source:

Generated during operation of Field

Compressor

Disposal Location:

Gooyea Land Farm operated by Rhino

Environmental Services

As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt waste as defined by the Environmental Agency's (EPA) July 1986 Regulatory Determination. To my knowledge, this waste has been analyzed pursuant to the provisions of **40 CFR Part 261** to verify that the waste is non-hazardous. I further certify that to my knowledge no "hazardous or listed waste" pursuant to the provisions of **40 CFR Part 261, Subparts C and D**, has been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of **40 CFR, Section 261.3 (b)**.

Name Harold Hicks

Title Field Manager

Company Sid Richardson Gasoline Co.

Signature Harold Hicks

Date 12-19-96

OLD HUBBS
OFFICE

FEB 10 1997

RECEIVED

CONOCO - KN-12

Monastate Comp. Site.

SE 1/4 SE 1/4 S-12, T-19, R-36 LEA CO NM

• - SAMPLE SPOTS

SAMPLE
CB #1 & CB #1A

COMPRESSOR
#1-A
BLK

#1
SPOIL PILE

UDD HUBB
OFFICE

FEB 1 1997

RECEIVED

SAMPLE

T-3 and T-3A

#3
SPOIL PILE
3-A

210 BBL
TANK.

FEB 12 1997

Environmental Bureau
Oil Conservation Division

etc. All samples
right 10-30-96
y H.H. and E.P.
used to trace
analysis 10-31-96.
none can verified
their arrivals 11-1-96
H.H.

SAMPLE
SP-2 & SP-2A

Shut P.L.
#2-A
#2
SPOIL PILE

Spoil Pile #1 - dirt from around and below
compressor block

#1-A Bottom of hole

Spoil Pile #2 - dirt around - below buried tank

#2-A - Bottom of hole

Spoil Pile #3 - dirt around - below above ground tank

#3-A - Bottom of hole

OCT 15 1996

RECEIVED

T-S
T-S

MONASTATE COMPRESSOR
SITE

60381
262' 4"
1351' 4"
61633
1431' 4"
DISC 60372 75'
198' 4"
744' 4"
58321
41' 4"
290' 4"
305' 4"
60278
111' 4"
60960
699' 4"
819' 4"

OLD HUBBS
OFFICE
FEB 10 1967
RECEIVED

6701 Aberdeen Avenue

Lubbock, Texas 79424

806•794•1296

FAX 806•794•1298

ANALYTICAL RESULTS FOR
SID RICHARDSON GASOLINE CO.
Attention: Ed Johnston
Box 1226
Jal, NM 88252

November 12, 1996

Receiving Date: 11/01/96

Sample Type: Soil

Project No: M-1

Project Location: SE 1/4 SE 1/4 S-12 TN-19 R-36
Lea Co., NM

Extraction Date: 11/01/96

Analysis Date: 11/04/96

Sampling Date: 10/30/96

Sample Condition: I & C

Sample Received by: ML

Project Name: Monastate Comp.
Site

TCLP VOLATILES (mg/L)	EPA LIMIT	Reporting Limit	T61457 [CB #1]	QC	RPD	%EA	%IA
Vinyl chloride	0.20	0.05	ND	0.095	8	113	95
1,1-Dichloroethene	0.70	0.05	ND	0.092	6	114	92
Methyl Ethyl Ketone	200.0	0.5	ND	0.117	12	112	117
Chloroform	6.00	0.05	ND	0.093	8	120	93
1,2-Dichloroethane	0.50	0.05	ND	0.096	10	115	96
Benzene	0.50	0.05	ND	0.092	1	101	92
Carbon Tetrachloride	0.50	0.05	ND	0.093	7	112	93
Trichloroethene	0.50	0.05	ND	0.089	3	104	89
Tetrachloroethene	0.70	0.05	ND	0.089	3	105	89
Chlorobenzene	100.00	0.05	ND	0.092	4	108	92
1,4-Dichlorobenzene	7.50	0.05	ND	0.095	4	106	95

SURROGATES

% Recovery

Dibromofluoromethane 110
Toluene-d8 103
4-Bromofluorobenzene 102

ND = Not Detected

METHODS: EPA SW 846-1311, 8260.

CHEMIST: RP

BS
Director, Dr. Blair Leftwich
Director, Dr. Bruce McDonell

OLD HUBB
OFFICE
FEB 1 1997
RECEIVED

11-12-96

DATE

TRACE ANALYSIS, INC.

A Laboratory for Advanced Environmental Research and Analysis

6701 Aberdeen Avenue

Lubbock, Texas 79424

806-794-1296

FAX 806-794-1298

ANALYTICAL RESULTS FOR
SID RICHARDSON GASOLINE COMPANY
Attention: Ed Johnston
Box 1226
Jal, NM 88252

November 12, 1996

Receiving Date: 11/01/96

Sample Type: Soil

Project No: M-1

Project Location: SE 1/4 SE 1/4 S-12, TN-19, R-36
Lea Co., NM

Extraction Date: 11/01/96

Analysis Date: 11/06/96

Sampling Date: 10/30/96

Sample Condition: I & C

Sample Received by: ML

Project Name: Monastate Comp

Site

TCLP Semi-Volatiles (mg/L)	EPA Limit	Reporting Limit	T61457 CB #1	QC	RPD	%EA	%IA
Pyridine	5.0	0.05	ND	78	0	24	98
1,4-Dichlorobenzene	7.5	0.05	ND	74	0	26	93
o-Cresol	200.0	0.05	ND	84	1	35	105
m,p-Cresol	200.0	0.05	ND	81	2	31	101
Total Cresol	200.0	0.05	ND	---	---	---	---
Hexachloroethane	3.0	0.05	ND	82	1	27	103
Nitrobenzene	2.0	0.05	ND	81	4	38	101
Hexachlorobutadiene	0.5	0.05	ND	76	1	26	95
2,4,6-Trichlorophenol	2.0	0.05	ND	73	2	39	91
2,4,5-Trichlorophenol	400.0	0.05	ND	79	1	44	99
2,4-Dinitrotoluene	0.13	0.05	ND	82	10	59	103
2,4-D	10.0	0.05	ND	78	15	63	98
Hexachlorobenzene	0.13	0.05	ND	76	48	85	95
2,4,5-TP	1.0	0.05	ND	80	18	80	100
Pentachlorophenol	100.0	0.05	ND	85	19	92	106
Chlordane	0.03	0.001	ND	---	0	76	106
Toxaphene	0.5	0.05	ND	---	6	89	104
Lindane	0.4	0.001	ND	---	6	70	112
Heptachlor	0.008	0.001	ND	---	0	68	111
Heptachlor epoxide	0.008	0.001	ND	---	11	72	108
Total Heptachlor	0.008	0.001	ND	---	---	---	---
Endrin	0.02	0.001	ND	---	7	79	109
Methoxychlor	10.0	0.1	ND	---	5	74	104
Surrogates	% RECOVERY						
2-Fluorophenol	27						
Phenol-d6	17						
Nitrobenzene-d5	47						
2-Fluorobiphenyl	46						
2,4,6-Tribromophenol	67						
Terphenyl-d14	94						

Methods: EPA SW 846-1311, 8270.

CHEMIST: RD/CC/MB

ND - Not Detected

Director, Dr. Blair Leftwich
Director, Dr. Bruce McDonell

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11-12-96

DATE

TRACE ANALYSIS, INC.

A Laboratory for Advanced Environmental Research and Analysis

TRACE ANALYSIS, INC.

5701 Ackerden Avenue

Lubbock, Texas 79424

806-794-296

FAX 806-794-298

ANALYTICAL RESULTS FOR

SID RICHARDSON GASOLINE CO.

Attention: Ed Johnston

Box 1226

Jal, NM 88252

November 12, 1996

Receiving Date: 11/01/96

Sample Type: Soil

Project No: M-1

Project Location: SE 1/4 SE 1/4 S-12, TN-19, R-36

Lea Co., NM

Extraction Date: 11/02/96

Analysis Date: 11/04/96

Sampling Date: 10/30/96

Sample Condition: I & C

Sample Received by: ML

Project Name: Monastate Comp Site

TCLP METALS (mg/L)

TA#	Field Code	As	Se	Cd	Cr	Pb	Ag	Ba	Hg
EPA LIMIT =									
T61457	ICB #1	5.0	1.0	1.0	5.0	5.0	5.0	100.0	0.20
QC	Quality Control	<0.10	<0.10	<0.02	<0.05	<0.10	<0.05	1.6	<0.01
		5.24	5.27	5.0	4.99	4.79	2.59	4.96	0.0049
Reporting Limit									
		0.10	0.10	0.02	0.05	0.10	0.05	0.20	0.01
RPD		1	6	1	1	1	3	0	8
% Extraction Accuracy		96	89	88	94	90	87	90	102
% Instrument Accuracy		105	105	100	100	96	103	99	98

CHEMIST: As, Se, Cd, Cr, Pb, Ag, Ba: RR Hg: CB

METHODS: EPA SW 846-1311, 6010, 7470.

TCLP METALS SPIKE: 8.0 mg/L As, Se, Ba; 0.2 mg/L Cd; 0.8 mg/L Cr; 2.0 mg/L Pb; 0.35 mg/L Ag; 0.05 mg/L Hg.

TCLP METALS QC: 5.0 mg/L As, Se, Cd, Cr, Pb, Ag, Ba; 0.005 mg/L Hg.

Director, Dr. Blair Leftwich
 Director, Dr. Bruce McDonell

Date

11-12-96

TRACE ANALYSIS, INC.

6701 Aberdeen Avenue
Libboux, Texas 79424
806-794-1296
FAX 806-794-7298

ANALYTICAL RESULTS FOR
SID RICHARDSON GASOLINE COMPANY
Attention: Ed Johnston
P. O. Box 1226
Jal, NM 88252

November 12, 1996
Receiving Date: 11/01/96
Sample Type: Soil
Project No: M-1
Project Location: SE 1/4 SE 1/4 S-12, TN-19, R-36
Lea Co., NM

Prep Date: 11/06/96
Analysis Date: 11/06/96
Sampling Date: 10/30/96
Sample Condition: Intact & Cool
Sample Received by: ML
Project Name: Monastate Comp Site

TA#	Field Code	REACTIVITY	SULFIDES (ppm)	CYANIDES (ppm)	CORROSIVITY	pH (s.u.)	IGNITABILITY
T61457	QC	Non-reactive	<10	<2.5	Non-corrosive	<2 >12.5	Nonignitable
		---	---	---	---	---	---
		0	0	0	0	0	0
		---	---	---	---	---	---
		---	---	---	---	100	---

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FEB 1 1997
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OFFICE

RPD
% Extraction Accuracy
% Instrument Accuracy

METHODS: EPA SW 846-2.1.3, 2.1.2, 2.1.1.
CHEMIST: JT

Director, Dr. Blair Leftwich
Director, Dr. Bruce McDonell

11-12-96

DATE

TRACE ANALYSIS, INC.

5701 Aberdeen Avenue

Lubbock, Texas 79424

806•794•1296

FAX 806•794•1298

ANALYTICAL RESULTS FOR

Sid Richardson Gasoline Co.

Attention Ed Johnston

Box 1226

Jal

NM 88252

Date: Nov 06, 1996

Date Rec: 11/1/96

Project: M-1

Proj Name: Monastate Comp Site

Proj Loc: Lea Co, NM

Lab Receiving #: 9611000014

Sampling Date: 10/30/96

Sample Condition: Intact and Cool

Sample Received By: ML

TA#	Field Code	MATRIX	TRPHC (mg/Kg)	MTBE (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL- BENZENE (mg/Kg)	M, P, O XYLENE (mg/Kg)	TOTAL BTEX (mg/Kg)
T 61459	SP-2	Soil	<10.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
T 61460	SP-2-A	Soil	60.5	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
T 61461	T-3	Soil	6520	<0.050	<0.050	<0.050	<0.050	0.080	0.080
T 61462	T-3-A	Soil	7370	<0.050	<0.050	<0.050	0.091	0.541	0.632
QC			103	0.111	0.108	0.106	0.106	0.32	

R2D

% Extraction Accuracy

% Instrument Accuracy

2	1	1	1	1
99	103	101	101	102
103	108	106	106	107

RECEIVED

Reporting Limit:

10 0.05 0.05 0.05 0.05 0.05

TEST	PREP METHOD	PREP DATE	ANALYSIS METHOD	ANALYSIS COMPLETED	CHEMIST	QC: (mg/L)	SPIKE: (mg/Kg)
MTBE/BTEX	EPA 5030	11/2/96	EPA 8020	11/2/96	RW	0.100 ea	5 ea
TR2HC	EPA 3550	11/3/96	EPA 418.1	11/3/96	AG	100	250

11-6-96

Director, Dr. Blair Leftwich
Director, Dr. Bruce McDoneli

Date

6701 Aberdeen Avenue
Lubbock, Texas 79424
806•794•1296
FAX 806•794•1298

ANALYTICAL RESULTS FOR
SID RICHARDSON GASOLINE CO.
Attention: Ed Johnston
Box 1226
Jal, NM 88252

November 12, 1996
Receiving Date: 11/01/96
Sample Type: Soil
Project No: M-1
Project Location: SE 1/4 SE 1/4 S-12 TN-19 R-36
Lea Co., NM

Extraction Date: 11/01/96
Analysis Date: 11/04/96
Sampling Date: 10/30/96
Sample Condition: I & C
Sample Received by: ML
Project Name: Monastate Comp.
Site

TCLP VOLATILES (mg/L)	EPA LIMIT	Reporting Limit	T61458 [CB #1-A]	QC	RPD	%EA	%IA
Vinyl chloride	0.20	0.05	ND	0.095	8	113	95
1,1-Dichloroethene	0.70	0.05	ND	0.092	6	114	92
Methyl Ethyl Ketone	200.0	0.5	ND	0.117	12	112	117
Chloroform	6.00	0.05	ND	0.093	8	120	93
1,2-Dichloroethane	0.50	0.05	ND	0.096	10	115	96
Benzene	0.50	0.05	ND	0.092	1	101	92
Carbon Tetrachloride	0.50	0.05	ND	0.093	7	112	93
Trichloroethene	0.50	0.05	ND	0.089	3	104	89
Tetrachloroethene	0.70	0.05	ND	0.089	3	105	89
Chlorobenzene	100.00	0.05	ND	0.092	4	108	92
1,4-Dichlorobenzene	7.50	0.05	ND	0.095	4	106	95

SURROGATES % Recovery
Dibromofluoromethane 111
Toluene-d8 104
4-Bromofluorobenzene 100

ND = Not Detected

METHODS: EPA SW 846-1311, 8260.
CHEMIST: RP

BS

Director, Dr. Blair Leftwich
Director, Dr. Bruce McDonell

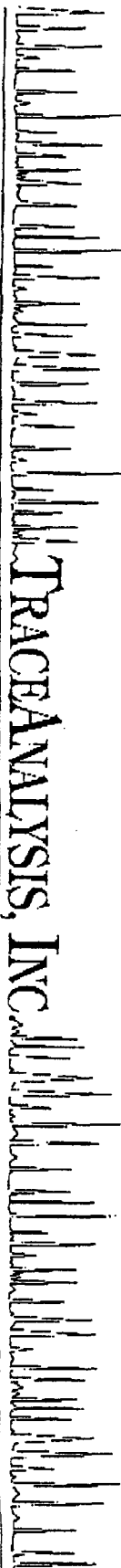
RECEIVED

11-12-96

DATE

TRACE ANALYSIS, INC.

A Laboratory for Advanced Environmental Research and Analysis



6731 Abenmeen Avenue

Libbock, Texas 79424

803•734•1296

FAX 806•792•1298

TRACE ANALYSIS, INC.

ANALYTICAL RESULTS FOR

SID RICHARDSON GASOLINE COMPANY

Attention: Ed Johnston

P. O. Box 1226

Jal, NM 88252

November 12, 1996

Receiving Date: 11/01/96

Sample Type: Soil

Project No: M-1

Project Location: SE 1/4 SE 1/4 S-12, TN-19, R-36

Lea Co., NM

Prep Date: 11/06/96

Analysis Date: 11/06/96

Sampling Date: 10/30/96

Sample Condition: Intact & Cool

Sample Received by: ML

Project Name: Monastate Comp Site

TA# Field Code

REACTIVITY	SULFIDES (ppm)	CYANIDES (ppm)	CORROSIVITY	pH (s.u.)	IGNITABILITY
------------	----------------	----------------	-------------	-----------	--------------

T61458	EPA LIMIT =	500	250	<2 >12.5	---
QC	CB #1-AV	Non-reactive	<10	<2.5	Non-corrosive
	Quality Control	---	---	---	---

RPD	0	0	0	0	0
% Extraction Accuracy	---	---	---	---	---
% Instrument Accuracy	---	---	---	---	---

METHODS: EPA SW 846-2.1.3, 2.1.2, 2.1.1.

CHEMIST: JT

183

11-12-96

Director, Dr. Blair Leftwich
Director, Dr. Bruce McDowell

DATE

RECEIVED
NOV 16 1996

TRACE ANALYSIS, INC.

6701 Aberdeen Avenue Lubbock, Texas 79424 805-794-1295 FAX 806-794-1298

ANALYTICAL RESULTS FOR
SID RICHARDSON GASOLINE CO.

Attention: Ed Johnston

Box 1226

Jal, NM 88252

November 12, 1996

Receiving Date: 11/01/96

Sample Type: Soil

Project No: M-1

Project Location: SE 1/4 SE 1/4 S-12, TN-19, R-36

Lea Co., NM

Extraction Date: 11/02/96

Analysis Date: 11/04/96

Sampling Date: 10/30/96

Sample Condition: I & C

Sample Received by: HL

Project Name: Monastate Comp Site

TCLP METALS (mg/L)

TA#	Field Code	As	Se	Cd	Cr	Pb	Ag	Ba	Hg
-----	------------	----	----	----	----	----	----	----	----

EPA LIMIT =

T61458 /C8#1-A#

QC Quality Control

5.0	1.0	1.0	5.0	5.0	5.0	5.0	100.0	0.20
<0.10	<0.10	<0.02	<0.05	<0.10	<0.05	1.7	<0.01	
5.24	5.27	5.0	4.99	4.79	2.59	4.96	0.0049	

RPD	% Extraction Accuracy	% Instrument Accuracy
1	6	1
96	89	88
105	105	100
		100
		96
		103
		99
		98

CHEMIST: As, Se, Cd, Cr, Pb, Ag, Ba: RR Hg: CB

METHODS: EPA SW 846-1311, 6010, 7470.

TCLP METALS SPIKE: 8.0 mg/L As, Se, Ba; 0.2 mg/L Cd; 0.8 mg/L Cr; 2.0 mg/L Pb; 0.35 mg/L Ag; 0.05 mg/L Hg.

TCLP METALS QC: 5.0 mg/L As, Se, Cd, Cr, Pb, Ag, Ba; 0.005 mg/L Hg.

183

11-12-96

Director, Dr. Blair Leftwich
Director, Dr. Bruce McDonnell

Date

RECEIVED
FEB 1 8 1997



1313 13th Street
Lubbock, TX 79401

082

DESTINATION STATION CITY & STATE

Lubbock TX ZIP 79401

To (Recipient's Name)

Trace Analysis

Exact Street Address Cannot deliver to P.O. Box or Zip Code

6701 Aberdeen

Lubbock TX ZIP 79424

Recipient's Package Express Account No.

1192211

Recipient's Phone Number (Very Important)

806794-1296

Shipper's Phone Number (Very Important)

505,395-2116

Shipper's Package Express Account No.

From (Shipper's Name)

SID RICHARDSON GARAGE CO.

Exact Street Address Cannot deliver to P.O. Box or Zip Code

610 S COMMERCE

City JAL

State NM

Zip 88352

SHIPPER'S RECEIPT - 1

BUSBILL NUMBER
DO NOT WRITE IN THIS AREA

901 670 891 0

MO	DAY	YEAR	TIME	AM/PM	FORWARDING AGENCY NO.	FORWARDING AGENT'S INITIALS	PICK-UP AGENT I.D.	DELIVERY AGENT I.D.	DESTINATION AGENCY NO.
10	31	96	9:50						

INTERLINE INFORMATION			
Carrier Code	City	Schedule #	
Carrier Code	City	Schedule #	
Carrier Code	City	Schedule #	
5 SERVICE REQUIRED			
NBO	SAME DAY	OVERNIGHT	STD
6 PAYMENT			
BILLING ACCOUNT	CASH	BILL 3RD PARTY	BILL CARD
7 DIMENSIONAL WEIGHT COMPUTATION			
L x W x H =		÷ 200 =	
NO. OF PIECES	ACTUAL WEIGHT LBS.	DECLARED VALUE \$	
1	5		
8 CONTENTS			
CARTON DESCRIPTION			
9 DEL. REQ'D			
PREPAID			
EXPRESS			
RATE ZONE			
C.O.D.			
10.70			
10.70			
SUB TOTAL			
PICK-UP			
DELIVERY			
TAX			
C.O.D. AMOUNT			
TOTAL \$			
10.70			

(NOT NEGOTIABLE) SUBJECT TO TARIFF REGULATIONS LIABILITY: This Carrier will not pay loss or damage claims over \$100 per shipment or \$50 per package, whichever is greater, unless a greater value is declared and charges for such greater value paid. Maximum valuation on any one shipment is limited by tariff. (See tariff for intrastate exceptions). In no event shall the Carrier be liable for consequential or incidental damage for loss, damage or delay.

RECEIVED
1996 10 31

6701 Aberdeen Avenue

Lubbock, Texas 79424

806•/94•1796

FAX 806•/94•1298

ANALYTICAL RESULTS FOR
SID RICHARDSON GASOLINE COMPANY
Attention: Ed Johnston
Box 1226
Jal, NM 88252

November 12, 1996

Receiving Date: 11/01/96

Sample Type: Soil

Project No: M-1

Project Location: SE 1/4 SE 1/4 S-12, TN-19, R-36
Lea Co., NM

Extraction Date: 11/01/96

Analysis Date: 11/06/96

Sampling Date: 10/30/96

Sample Condition: I & C

Sample Received by: ML

Project Name: Monastate Comp
Site

TCLP Semi-Volatiles (mg/L)	EPA Limit	Reporting Limit	T61458 CB#1-A	QC	RPD	%EA	%IA
Pyridine	5.0	0.05	ND	78	0	24	98
1,4-Dichlorobenzene	7.5	0.05	ND	74	0	26	93
o-Cresol	200.0	0.05	ND	84	1	35	105
m,p-Cresol	200.0	0.05	ND	81	2	31	101
Total Cresol	200.0	0.05	ND	---	---	---	---
Hexachloroethane	3.0	0.05	ND	82	1	27	103
Nitrobenzene	2.0	0.05	ND	81	4	38	101
Hexachlorobutadiene	0.5	0.05	ND	76	1	26	95
2,4,6-Trichlorophenol	2.0	0.05	ND	73	2	39	91
2,4,5-Trichlorophenol	400.0	0.05	ND	79	1	44	99
2,4-Dinitrotoluene	0.13	0.05	ND	82	10	59	103
2,4-D	10.0	0.05	ND	78	15	63	98
Hexachlorobenzene	0.13	0.05	ND	76	48	85	95
2,4,5-TP	1.0	0.05	ND	80	18	80	100
Pentachlorophenol	100.0	0.05	ND	85	19	92	106
Chlordane	0.03	0.001	ND	---	0	76	106
Toxaphene	0.5	0.05	ND	---	6	89	104
Lindane	0.4	0.001	ND	---	6	70	112
Heptachlor	0.008	0.001	ND	---	0	68	111
Heptachlor epoxide	0.008	0.001	ND	---	11	72	108
Total Heptachlor	0.008	0.001	ND	---	---	---	---
Endrin	0.02	0.001	ND	---	7	79	109
Methoxychlor	10.0	0.1	ND	---	5	74	104
Surrogates	% RECOVERY						
2-Fluorophenol	26						
Phenol-d6	17						
Nitrobenzene-d5	43						
2-Fluorobiphenyl	43						
2,4,6-Tribromophenol	57						
Terphenyl-d14	103						

Methods: EPA SW 846-1311, 8270.

CHEMIST: RD/CC/MB

ND - Not Detected

Director, Dr. Blair Leftwich

Director, Dr. Bruce McDonell

DATE

TRACE ANALYSIS, INC.

A Laboratory for Advanced Environmental Research and Analysis

61457-62

14

SID RICHARDSON GASOLINE CO.



CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager:

Phone #: (505) 395-2116

ED JOHNSTON

FAX #: (505) 395-2326

Company Name & Address:

Sid Richardson Gasoline Co., Box 1226, JAL, N.M. 86252

Project #:

M-1

Project Name:

MONASTATE COME SINE

Project Location:

LEA CO NM

Sample Signature:

SE 1/4 SE 1/4 S-12, T-19, R-36

Meadell Hicks

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX					PRESERVATIVE					SAMPLING		DATE	TIME	BTEX	TPH	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	RCI	Turn around # of days	Fax ASAP	Hold					
				WATER	SOIL	AIR	SLUDGE	OTHER	HCL	HNO3	ICE	NONE	OTHER																				
61457	CB #1	1	1 qt	✓							✓				10-30-96	11:00			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
58	CB #1-A	1	1 qt	✓							✓				10-30-96	11:00			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
59	SP #2	1	1 qt	✓							✓				10-30-96	11:43			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
40	SP #2-A	1	1 qt	✓							✓				10-30-96	12:45			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
61	T #3	1	1 qt	✓							✓				10-30-96	11:58			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
62	T #3-A	1	1 qt	✓							✓				10-30-96	11:54			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

REMARKS

FAX ATT: HAROLD HICKS

Relinquished by: Meadell Hicks

Date:

10-31-96

Time:

0945

Relinquished by:

Date:

Time:

Received by:

Relinquished by:

Date:

Time:

Received by Laboratory:

M Hicks

Client doesn't want Total Metals

RECEIVED

District I - (505) 393-6161
P. O. Box 1940
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131
AUG 26 1996
CONSERVATION

Form C-138
Originated 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator EOTT Energy P.O. Box 1660, Midland, TX
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site Denton Gathering
2. Management Facility Destination Goo Yea Landfarm	6. Transporter Rhino Environmental
3. Address of Facility Operator 4007 Lovington Highway, Hobbs, NM	8. State New Mexico
7. Location of Material (Street Address or ULSTR) Denton Gathering System Lea County, NM	
9. <u>Circle One</u> : A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

Crude oil contaminated soils from gathering line leak.

AUG 21 1996

Estimated Volume 25 yds cy Known Volume (to be entered by the operator at the end of the haul) cy

SIGNATURE: Royce Cooper, Jr. TITLE: Vice President DATE: 08/19/96
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: Royce Cooper, Jr. TELEPHONE NO. 505-242-6464

(This space for State Use)

APPROVED BY: [Signature] TITLE: Envr Mgr DATE: 8/23/96
Verbal approval 8/26/96 RUC
APPROVED BY: [Signature] TITLE: Bureau Chief DATE: 8/26/96

CERTIFICATE OF WASTE STATUS

NON-EXEMPT WASTE MATERIAL

Originating Location: Denton Gathering System
Source: pipeline leak - crude oil
Disposal Location: Goo-Yea Landfarm, Inc.

"As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR Part 261 to verify the nature as non-hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the 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 the agent for EDTT ENERGY
concur with the status of the waste from the subject site.

Name Lennah Frost
Title/Agency ENV. Engineer
Address PO Box 1660
MIDLAND TX 79702
Signature Lennah Frost
Date 8-7-96

AUG 21 1996

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
MRS. LENNAH FROST
P.O. BOX 1660
MIDLAND, TEXAS 79703
FAX: 915-687-2713

Receiving Date: 07/17/96
Sample Type: SOIL
Project: DENTON GATHERING
Project Location: DENTON GATHERING

Analysis Date: 07/20/96
Sampling Date: 07/17/96
Sample Condition: Intact

ELT#	FIELD CODE	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	m,p-XYLENE (mg/Kg)	o-XYLENE (mg/Kg)	TPH (mg/Kg)
7967	DENTON GATHERING	<0.100	<0.100	9.295	34.04	17.66	71,400

% IA	92	89	88	91	88	106
% EA	93	94	92	107	103	96
BLANK	<0.001	<0.001	<0.001	<0.001	<0.001	<10

METHODS: SW 846-8020,5030 , EPA 418.1


Michael R. Fowler

8-6-96
Date

AUG 21 1996

12600 West I-20 East • Odessa, Texas 79765 • (915) 563-1800 • Fax (915) 563-1713

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
MRS. LENNAH FROST
P.O. BOX 1660
MIDLAND, TEXAS 79703
FAX: 915-687-2713

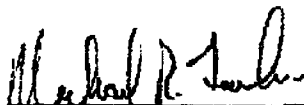
Receiving Date: 07/17/96
Sample Type: SOIL
Project: DENTON GATHERING
Project Location: DENTON GATHERING

Analysis Date: 07/23/96
Sampling Date: 07/17/96
Sample Condition: Intact

TCLP METALS (ppm)

ELT#	Field Code	Ag	As	Ba	Cd	Cr	Hg	Pb	Se
	EPA LIMIT	5.00	5.00	100.0	1.00	5.00	0.20	5.00	1.00
7967	DENTON GATHERING	<0.10	<0.002	6.0	<0.1	<0.10	<0.005	<0.10	<0.002
MDL		0.1	0.002	5.0	0.10	0.1	0.005	0.10	0.002
% IA		98	95	90	94	98	98	94	100

METHODS: EPA SW 846-1311, 7061, 7080, 7760, 7130, 7180, 7420, 7471, 7741


Michael R. Fowler

8-6-96
Date

AUG 21 1996

12600 West I-20 East • Odessa, Texas 79765 • (915) 563-1800 • Fax (915) 563-1713

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
MRS. LENNAH FROST
P.O. BOX 1660
MIDLAND, TEXAS 79703
FAX: 915-687-2713

RECEIVING DATE: 07/17/96
SAMPLE TYPE: SOIL
PROJECT: DENTON GATHERING
FIELD CODE: DENTON GATHERING

ANALYSIS DATE: 08/05/96
SAMPLING DATE: 07/17/96
SAMPLE CONDITION: Intact

TCLP VOLATILES (ppm)	SAMPLE 7967	PQL	BLANK	%EA	%IA
1,1-Dichloroethene	ND	0.005	ND	80	119
2-Butanone	ND	0.100	ND		109
Chloroform	ND	0.005	ND		100
Benzene	ND	0.005	ND	77	104
1,2-Dichloroethane	ND	0.005	ND		101
Vinyl Chloride	ND	0.005	ND		106
Carbon Tetrachloride	ND	0.005	ND		67
Trichloroethene	ND	0.005	ND	97	100
Tetrachloroethene	ND	0.005	ND		85
Chlorobenzene	ND	0.005	ND	98	91
1,4-Dichlorobenzene	ND	0.005	ND		106

SYSTEM MONITORING COMPOUNDS

% RECOVERY

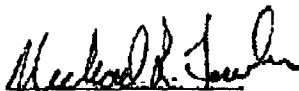
dibromofluoromethane
toluene-d8
4-bromofluorobenzene

98
113
105

ND = < PQL

PQL = PRACTICAL QUANTITATION LIMIT

Methods: EPA SW 846-8240, 1311


Michael R. Fowler

8-6-96
Date

AUG 21 1996

12600 West I-20 East • Odessa, Texas 79765 • (915) 563-1800 • Fax (915) 563-1713

AUG-06-1996 11:59

P.03

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt"

EOTT ENERGY
MRS. LENNAH FROST
P.O. BOX 1660
MIDLAND, TEXAS 79703
FAX: 915-687-2713

Receiving Date: 07/17/96
Sample Type: SOIL
Project #: DENTON GATHERING
Project Location: SAME
Field Code: DENTON GATHERING

Analysis Date: 07/30/96
Sampling Date: 07/17/96
Sample Condition: Intact

TCLP SEMIVOLATILE ORGANICS (ppm)	REPORTING LIMIT	ELT# 7967	RPD	%EA	%IA
Pyridine	0.050	ND	12	26	108
1,4-Dichlorobenzene	0.050	ND	31	56	97
o-Cresol	0.050	ND	30	48	111
Nitrobenzene	0.050	ND	22	100	118
m,p -Cresol	0.050	ND	27	111	117
Hexachloroethane	0.050	ND	24	89	119
Hexachlorobutadiene	0.050	ND	7	106	104
2,4,6-Trichlorophenol	0.050	ND	1	86	98
2,4,5-Trichlorophenol	0.050	ND	3	84	105
2,4-Dinitrotoluene	0.050	ND	1	80	101
Hexachlorobenzene	0.050	ND	2	87	96
Pentachlorophenol	0.050	ND	4	43	99

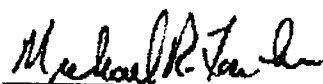
ND= NOT DETECTED, < REPORTING LIMIT
SYSTEM MONITORING COMPOUNDS

	% Recovery
2-Fluorophenol	*11
Phenol-d5	*9
Nitrobenzene-d5	39
2-Fluorobiphenyl	*38
2,4,6-Tribromophenol	41
Terphenyl-d14	75

Method: SW 846-8270.1311

*NOTE: Surrogate out of limits due to sample matrix.

Approximate concentration due to surrogate being low


Michael R. Fowler

8-6-96
Date

AUG 21 1996

12600 West I-20 East • Odessa, Texas 79765 • (915) 563-1800 • Fax (915) 563-1713

AUG-06-1996 12:00

**ENVIRONMENTAL
LAB OF , INC.**

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
ATTN: LENNAH FROST
P.O. BOX 1660
MIDLAND, TEXAS 79703
FAX: 815-687-2713

Receiving Date: 07/17/96
Sample Type: SOIL
Project : DENTON GATHERING
Project Location: DENTON GATHERING

Analysis Date: 07/30/96
Sampling Date: 07/17/96
Sample Condition: Intact

ELT#	Field Code	REACTIVITY		CORROSIVITY	IGNITABILITY
		H2S	CN-	(s.u.)	
		NON-REACTIVE		NON-CORROSIVE	
		(ppm)	(ppm)		
7967	DENTON GATHERING	<10	<2.5	7.4	>140 deg. F
	RPD	0	0	0	0
	% PRECISION				
	% INSTRUMENT ACCURACY			100	

METHODS: EPA SW-846-2.1.3.2.1.2.2.1.1

Michael B. Fowler
Michael B. Fowler

8-6-90
Date

AUG 21 1998

12600 West I-20 East • Odessa, Texas 79765 • (915) 563-1800 • Fax (915) 563-1713

AUG-06-1996 12:00

P. 05

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

ANALYSIS REQUEST

အကျဉ်းချုပ်

REVIEW

1966

District I - (505) 393-6161
P. O. Box 1940
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

5 PM 5P 7/1/96

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

Form C-138
Originated 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☐ 2. Management Facility Destination <u>600 Yea Landfarm</u> 3. Address of Facility Operator <u>4007 Lovington Highway, Hobbs, NM</u> 7. Location of Material (Street Address or ULSTR) <u>SEC 11 T 20 R 38 SE 114</u> 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. <u>B.</u> 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.	APEX 4. Generator <u>LG & E PLANT</u> 5. Originating Site <u>SEC 36 T 18 S R 38 E LG & E HOBS PLANT Lea County, NM</u> 6. Transporter <u>Rhino Environmental Services</u> 8. State <u>New Mexico</u>
--	--

BRIEF DESCRIPTION OF MATERIAL:

SOIL CONTAMINATED WITH AN ANTI-FREEZE / WATER MIX THAT WAS RELEASED FROM AN ABOVE GROUND TANK.

JUN 28 1996
HOBBS
OFFICE

Estimated Volume 20 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: [Signature] TITLE: Vice-President DATE: 6/17/96

Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: ROSE COOPER JR TELEPHONE NO. 505-382-4498

(This space for State Use)

APPROVED BY: [Signature] TITLE: ENR ENGR DATE: 7/1/96

APPROVED BY: [Signature] TITLE: GEOLOGIST DATE: 7/8/96

CERTIFICATE OF WASTE STATUS

NON-EXEMPT WASTE MATERIAL

ORIGINATION LOCATION: LG & E Natural APEX Compressor Station
Sec 36 T 18 South R 36 East SE 1/4
Lee County, NM

SOURCE: Soil contaminated with an anti-freeze/water mix
that was released from an aboveground tank.

DISPOSAL LOCATION: Goo Yee Landfarm
Permit #NM-01-0015
SE/4 OF SECTION 14, TOWNSHIP 11 SOUTH, RANGE 36 EAST, NMPM,
LEE COUNTY, NM 1-800-762-0241

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

I, the undersigned as the agent for LG & E NATURAL
concur with the status of the waste from the subject site.

Name: Ed Stomad

Title: Supervisor OPERATIONS SUPPORT

Address: 721 W. SANGER
HOBBS, NEW MEXICO

Signature: [Signature]

Date: 6/21/96

JUN 28 1996
OCC HOBBS
OFFICE



ARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

PHONE (505) 328-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401

ANALYTICAL RESULTS FOR
WESTERN ENV.
ATTN: A. HODGES
1533 CORDOBA
HOBBS, NM 88240
FAX TO:

Receiving Date: 05/21/96
Reporting Date: 06/04/96
Project Number: NOT GIVEN
Project Name: EDDINS WALCHER SPILL
Project Location: LG & E HOBBS PLANT

Sampling Date: 05/21/96
Sample Type: SOIL
Sample Condition: INTACT
Sample Received By: WL
Analyzed By: WL

TCLP METALS

LAB NUMBER	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
ANALYSIS DATE:		5/29/96	5/29/96	5/23/96	5/23/96	5/28/96	5/23/96	5/29/96	5/29/96
EPA LIMITS:		5	5	100	1	5	5	0.2	1
H2533-1	STOCKPILE	<0.05	<0.1	1.00	<0.1	0.006	<0.005	<0.001	<0.05
Quality Control		2.4575	0.49	0.473	0.51	47.8	49.4	0.01025	0.4285
True Value QC		2.5000	0.50	0.5	0.50	40.0	50.0	0.01000	0.5000
% Accuracy		98.3	98.0	94.6	102	199.5	98.8	102.5	85.7
Relative Percent Difference		1.0	2.1	1.5	1.0	6.4	0	9.9	0.5
METHODS: EPA 1311, 800/4-91/010		200.7	200.7	200.7	200.7	200.7	200.7	245.1	200.7

Burgess J. A. Cooke, Ph. D.

JUN 28 1996
HOBBS
OFFICE

6/4/96
Date

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ANALYTICAL RESULTS FOR

WESTERN ENV.

ATTN: A. HODGES

1533 CORDOBA

HOBBS, NM 88240

FAX TO:

Sampling Date: 05/21/96

Sample Type: SOIL

Sample Condition: INTACT

Sample Received By: WL

Analyzed By: MR

Receiving Date: 05/21/96

Reporting Date: 05/29/96

Project Number: NOT GIVEN

Project Name: EDDINS WALCHER SPILL

Project Location: LG & E HOBBS PLANT

LAB NUMBER SAMPLE ID **REACTIVITY**
Sulfide Cyanide CORROSIVITY IGNITABILITY
(ppm) (ppm) (pH)

ANALYSIS DATE:	5/28/96	5/28/96	5/28/96	5/22/96
H2533-1 STOCKPILE	1.6	<0.02	8.24	Nonflammable
Quality Control	30.0	0.4262	7.00	NR
True Value QC	30.0	0.4000	7.00	NR
% Accuracy	100	107	100	NR
Relative Percent Difference	0	0	0	NR

METHOD: EPA SW 846-7.3, 7.2, 1030 (Proposed)

JUN 28 1996
JCD HODGES
OFFICE

Mario Rodriguez
Mario Rodriguez, Chemist

05/29/96
Date

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PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401

ANALYTICAL RESULTS FOR
WESTERN ENVIRONMENTALATTN: A. HODGE
1533 E. CORDOBA
HOBBS, NM 88240
FAX TO:Receiving Date: 05/21/96
Reporting Date: 05/29/96
Project Number: NOT GIVEN
Project Name: EDDINS WALCHER SPILL
Project Location: LG & E HOBBS PLANT
Lab Number: H2533-1
Sample ID: STOCKPILEAnalysis Date: 05/28/96
Sampling Date: 05/21/96
Sample Type: SOIL
Sample Condition: INTACT & COOL
Sample Received By: WL
Analyzed By: BC

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H2533-1	Method Blank	QC	%IA	True Value QC
Pyridine	5.00	<0.008	<0.002	0.090	90	0.100
1,4-Dichlorobenzene	7.50	<0.008	<0.002	0.101	101	0.100
o-Cresol	200	<0.008	<0.002	0.095	95	0.100
m, p-Cresol	200	<0.016	<0.004	0.192	96	0.200
Hexachloroethane	3.00	<0.008	<0.002	0.099	99	0.100
Nitrobenzene	2.00	<0.008	<0.002	0.094	94	0.100
Hexachloro-1,3-butadiene	0.500	<0.008	<0.002	0.102	102	0.100
2,4,6-Trichlorophenol	2.00	<0.008	<0.002	0.098	98	0.100
2,4,5-Trichlorophenol	400	<0.008	<0.002	0.110	110	0.100
2,4-Dinitrotoluene	0.130	<0.008	<0.002	0.099	99	0.100
Hexachlorobenzene	0.130	<0.008	<0.002	0.099	99	0.100
Pentachlorophenol	100	<0.008	<0.002	0.102	102	0.100

	% RECOVERY	RELATIVE PERCENT DIFFERENCE
Fluorophenol	60	3
Phenol-d5	54	2
Nitrobenzene-d5	84	5
2-Fluorobiphenyl	99	5
2,4,6-Tribromophenol	108	1
Terphenyl-d14	95	2

METHODS: EPA SW 846-8270

Burgess J. A. Cooke, Ph. D.JUN 28 1996
HOBBS
OFFICE5/29/96
Date

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ANALYTICAL RESULTS FOR
WESTERN ENVIRONMENTAL
ATTN: A. HODGE
1533 E. CORDOBA
HOBBS, NM 88240
FAX TO:

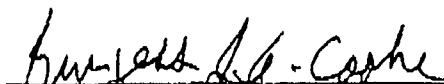
Receiving Date: 05/21/96
Reporting Date: 05/29/96
Project Number: NOT GIVEN
Project Name: EDDINS WALCHER SPILL
Project Location: LG & E HOBBS PLANT
Lab Number: H2533-1
Sample ID: STOCKPILE

Analysis Date: 05/28/96
Sampling Date: 05/21/96
Sample Type: SOIL
Sample Condition: INTACT & COOL
Sample Received By: WL
Analyzed By: BC

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H2533-1	Method Blank	QC	True Value %IA	QC
Vinyl chloride	0.20	<0.002	<0.002	0.083	83	0.100
1,1-Dichloroethylene	0.70	<0.002	<0.002	0.084	84	0.100
Methyl ethyl ketone	200.00	<0.002	<0.002	0.102	102	0.100
Chloroform	6.00	0.007	0.005	0.093	93	0.100
1,2-Dichloroethane	0.50	<0.002	<0.002	0.110	110	0.100
Benzene	0.50	<0.002	<0.002	0.083	83	0.100
Carbon tetrachloride	0.50	<0.002	<0.002	0.116	117	0.100
Trichloroethylene	0.50	<0.002	<0.002	0.094	94	0.100
Tetrachloroethylene	0.70	<0.002	<0.002	0.096	96	0.100
Chlorobenzene	100.00	<0.002	<0.002	0.094	94	0.100
1,4-Dichlorobenzene	7.50	<0.002	<0.002	0.093	93	0.100

	% Recovery	Relative Percent Difference
Dibromofluoromethane	111	1
Toluene - d8	101	2
Bromofluorobenzene	109	4

METHODS: EPA SW-846-8260, 1311


Burgess J. A. Cooke, Ph. D.

JUN 28 1996
HOBBS
OFFICE

5/29/96
Date

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ANALYTICAL RESULTS FOR
WESTERN ENV.
ATTN: A. HODGES
1533 CORDOBA
HOBBS, NM 88240
FAX TO:

Receiving Date: 05/21/96
Reporting Date:
Project Number: NOT GIVEN
Project Name: EDDINS WALCHER SPILL
Project Location: LG & E HOBBS PLANT

Sampling Date: 05/21/96
Sample Type: SOIL
Sample Condition: INTACT
Sample Received By: WL
Analyzed By: WL

TCLP METALS

LAB NUMBER	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm				
ANALYSIS DATE:		1	1	51291	1	1	51231	51281	51231	1	1	1	1
EPA LIMITS:		5	5	100	1	5	5	0.2	1				
H2533-1	STOCKPILE		<0.1		<0.1	0.006	<0.005						
Quality Control			0.49		0.51	47.8	49.4						
True Value QC			0.50		0.50	40.0	50.0						
% Accuracy			98		102	119.5	98.8						
Relative Percent Difference			2.1		1.0	6.4	0						
METHODS: EPA 1311, 600/4-91/010													
		200.7	200.7	200.7	200.7	200.7	200.7	245.1	200.7				

Wei Li, Chemist

Date

JUN 28 1996
HOBBS
OFFICE



RHINO

Environmental Services, Inc.

300 Broadway NE • Albuquerque, New Mexico 87102
(505) 242-6464 • Fax (505) 247-4941

JUN 28 1996
UCC HUBB
OFFICE

Wayne Price
Oil Conservation Division
PO Box 1940
Hobbs, NM 88240

June 24, 1996

Re: LG & E Gas Gathering and Processing

Dear Wayne,

I am requesting approval to dispose of the attached non-exempt material at Goo-Yea Landfarm. The Request for Approval Form C-138, Certificate of Waste Status and the analytical report for this material is attached.

If you have any questions, please call me at 505-392-4498.

Sincerely,

Royce Cooper, Jr.

District I - (505) 393-6161
P. O. Box 1940
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

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

Form C-138
Originated 4/18/95

RECEIVED

JUN 13 1996

Submit Original
Plus 1 Copy
to appropriate
District Office

Environmental Bureau
Oil Conservation Division

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator <u>Sid Richardson</u>
Verbal Approval Received: Yes ☐ No ☐	5. Originating Site <u>BOYD COMPRESSOR STATION BCSP-2</u>
2. Management Facility Destination <u>GOO YEA LANDFARM</u>	6. Transporter <u>RHINO ENVIRONMENTAL SERVICES</u>
3. Address of Facility Operator <u>4007 Louisa Ave Hobbs, NM</u>	8. State <u>New Mexico</u>
7. Location of Material (Street Address or ULSTR) <u>SEC 26 T522 SOUTH R37 EAST NE1/4</u>	
9. <u>Circle One:</u> A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

HYDROCARBON CONTAMINATED SOILS FROM AROUND
COMPRESSORS. SOILS WERE DUG TO BUILD A
CONTAINMENT AROUND COMPRESSOR.

NEED CERT. OF WASTE STATUS BY GENERATOR
OK REC 6/17/96 JJ

JUN 05 1996
JCD HOBBS
OFFICE

Estimated Volume 60 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: [Signature] TITLE: Vice President DATE: 6-3-96
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: ROSCOE COOPER, JR TELEPHONE NO. 505-392-4458

(This space for State Use)

APPROVED BY: [Signature] TITLE: Envtl Engr DATE: 6/10/96
APPROVED BY: [Signature] TITLE: Pet. Engr DATE: 6/13/96

P.O. BOX 1226
JAL. N.M. 88252

PHONE:
505-395-2116

SID RICHARDSON GASOLINE CO.
JAL DISTRICT FIELD OFFICE

April 29, 1996

Royce Cooper
Rhino Environmental Services, Inc.
4007 Lovington Highway
Hobbs, NM 88240

Mr. Cooper,

Enclosed please find analytical results for soil samples taken at our Boyd Compressor site, located per following:

BOYD COMPRESSOR STATION - BCSP-2 Operated by Sid Richardson Gasoline Co.; Section 26, Township 22 South, Range 37 East, NE/4 of the SE/4 unit "H", Lea County, New Mexico.

Please use this data to apply for a permit from the State of New Mexico to remove this soil from our site to proper soil reclamation facility operated by your company.

Estimated volume of this spoil pile to be 60 cubic yards.

Thank you,

Harold Hicks

Harold Hicks
Field Manager

by
Ed

HH/kd
cc: RG, CC, file

JUN 05 1996
OCC HUBB
OFFICE

6701 Aberdeen Avenue
Lubbock, Texas 79424
806-794-1296
FAX 806-794-1298

**ANALYTICAL RESULTS FOR
HAROLD HICKS**
6105 Commerce Street
Jal, New Mexico 88285

April 23, 1996
Receiving Date: 04/12/96
Sample Type: Soil
Project No: NA
Project Location: Lea County Gathering Comp.

Extraction Date: 04/13/96
Analysis Date: 04/19/96
Sampling Date: 04/11/96
Sample Condition: I & C
Sample Received by: SH
Project Name: Compressor
Sites

TCLP Semi-Volatiles (mg/L)	EPA Limit	Reporting Limit	T50969 BCSP-2	QC	RPD	%EA	%IA
Pyridine	5.0	0.05	ND	93	75	50	93
1,4-Dichlorobenzene	7.5	0.05	ND	96	29	41	96
o-Cresol	200.0	0.05	ND	102	3	67	102
m,p-Cresol	200.0	0.05	ND	102	5	124	102
Total Cresol	200.0	0.05	ND	---	---	---	---
Hexachloroethane	3.0	0.05	ND	100	45	42	100
Nitrobenzene	2.0	0.05	ND	103	10	78	103
Hexachlorobutadiene	0.5	0.05	ND	107	54	49	107
2,4,6-Trichlorophenol	2.0	0.05	ND	97	3	79	97
2,4,5-Trichlorophenol	400.0	0.05	ND	97	3	88	97
2,4-Dinitrotoluene	0.13	0.05	ND	104	4	79	104
2,4-D	10.0	0.05	ND	109	2	86	109
Hexachlorobenzene	0.13	0.05	ND	111	2	99	111
2,4,5-TP	1.0	0.05	ND	109	6	108	109
Pentachlorophenol	100.0	0.05	ND	108	3	83	108
Chlordane	0.03	0.001	ND	0.053	16	68	106
Toxaphene	0.5	0.05	ND	2.12	50	90	106
Lindane	0.4	0.001	ND	0.028	15	84	112
Heptachlor	0.008	0.001	ND	0.026	15	84	104
Heptachlor epoxide	0.008	0.001	ND	0.026	29	96	104
Total Heptachlor	0.008	0.001	ND	---	---	---	---
Endrin	0.02	0.001	ND	0.047	31	82	94
Methoxychlor	10.0	0.1	ND	0.24	23	61	96
Surrogates	% RECOVERY						
2-Fluorophenol	47						
Phenol-d6	27						
Nitrobenzene-d5	72						
2-Fluorobiphenyl	67						
2,4,6-Tribromophenol	81						
Terphenyl-d14	111						

Methods: EPA SW 846-1311, 8270, 8080.
ND - Not Detected

Director, Dr. Blair Leftwich
Director, Dr. Bruce McDonell

TRACE ANALYSIS, INC.

A Laboratory for Advanced Environmental Research and Analysis

JUN 05 1996
Okey
mjb
6-13-96
OCC HUBBS
OFFICE
4-23-96

DATE

6701 Aberdeen Avenue
Lubbock, Texas 79424
806-794-1296
FAX 806-794-1298

ANALYTICAL RESULTS FOR
HAROLD HICKS
6105 Commerce Street
Jal, New Mexico 88285

April 23, 1996
Receiving Date: 04/12/96
Sample Type: Soil
Project No: NA
Project Location: Lea County Gathering Comp.

Extraction Date: 04/17/96
Analysis Date: 04/18/96
Sampling Date: 04/11/96
Sample Condition: I & C
Sample Received by: SH
Project Name: Compressor
Sites

TCLP VOLATILES (mg/L)	EPA LIMIT	Reporting Limit	T50969 BCSP-2	QC	RPD	%EA	%IA
Vinyl chloride	0.20	0.05	ND	0.100	9	96	100
1,1-Dichloroethane	0.70	0.05	ND	0.098	3	100	98
Methyl Ethyl Ketone	200.0	0.5	ND	---	3	107	---
Chloroform	6.00	0.05	ND	0.100	2	107	100
1,2-Dichloroethane	0.50	0.05	ND	0.102	0	102	102
Benzene	0.50	0.05	ND	0.099	3	101	99
Carbon Tetrachloride	0.50	0.05	ND	0.095	3	103	95
Trichloroethane	0.50	0.05	ND	0.099	3	101	99
Tetrachloroethane	0.70	0.05	ND	0.091	5	107	91
Chlorobenzene	100.00	0.05	ND	0.096	5	106	96
1,4-Dichlorobenzene	7.50	0.05	ND	0.098	4	102	98

SURROGATES	% Recovery
Dibromofluoromethane	111
Toluene-d8	106
4-Bromofluorobenzene	98

ND = Not Detected

METHODS: EPA SW 846-1311, 8260.

BS
Director, Dr. Blair Leftwich
Director, Dr. Bruce McDonell

4-23-96
DATE

TRACE ANALYSIS, INC.

A Laboratory for Advanced Environmental Research and Analysis



TRACE ANALYSIS, INC.

806•794•1296 FAX 806•794•1298

806•794•1296

Lubbock, Texas 79424

670 Aberdeen Avenue

ANALYTICAL RESULTS FOR

HAROLD HICKS

6105 Commerce Street

Jal, New Mexico 88252

April 23, 1996

Receiving Date: 04/12/96

Sample Type: Soil

Project No: NA

Project Location: Lea County Gathering Comp.

JUN 05 1996
CCC
OFFICE

Prep Date: 04/16/96
Analysis Date: 04/16/96
Sampling Date: 04/11/96
Sample Condition: Intact & Cool
Sample Received by: SH
Project Name: Compressor Sites

TA#	Field Code	REACTIVITY	SULFIDES (mg/kg)	CYANIDES (mg/kg)	CORROSIVITY	pH (s.u.)	IGNITABILITY
EPA LIMITS							
T50968	HCSP - 2	Non-reactive	<10.0	<2.5	Non-corrosive	<2	>12.5
T50969	BCSP - 2	Non-reactive	<10.0	<2.5	Non-corrosive	7.6	Nonignitable
T50970	WECSP-2	Non-reactive	<10.0	<2.5	Non-corrosive	8.2	Nonignitable
QC	Quality Control	---	---	---	---	7.9	Nonignitable
		---	---	---	---	7.0	---

RPD
% Extraction Accuracy
% Instrument Accuracy

0

100

METHODS: EPA SW 846-2.1.1.3, 2.1.2, 2.1.1.1.

BS

4-23-96

DATE

Director, Dr. Blair Leftwich
Director, Dr. Bruce McDonell

16-81-7
gnd
1-11-96

TraceAnalysis, Inc.

6701 Aberdeen Avenue Lubbock, Texas 79424
Tel (806) 794 1296 Fax (806) 794 1298
1 (800) 378 1296

Project Manager:

HAROLD HICKS

Phone #: 505-395-2116

FAX #: 505-395-2326

Company Name & Address

6105 COMMERCE STREET JAL, NEW MEXICO 88252

Project #:

Project Name:

Project Location:

COMPRESSOR SITES

Sample Signatures:

LEA COUNTY GATHERING COMP.

[Signature]
[Signature]
[Signature]

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	MATRIX				PRESERVATIVE METHOD				SAMPLING	
			WATER	SOIL	AIR	SLUDGE	HCL	HNO3	ICE	NONE	DATE	TIME
50968	HCSP-2	1 QT.	X					X			4-11-96	11:59
69	BCSP-2	1 QT.	X					X			4-11-96	11:59
70	HECSP-2	1 QT.	X					X			4-11-96	11:59

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

ANALYSIS REQUEST

SPECIAL HANDLING

TOX Metals Ag As Ba Cd Cr Pb Hg Se
 TCLP Metals Ag As Ba Cd Cr Pb Hg Se
 TCLP Semi Volatiles
 RCI
 B240 / B280
 B270
 Turn around # of days
 Fax ASAP
 Hold

103AU
103AU

REMARKS

SEND ANALYSIS AND INVOICE DIRECTLY TO
PROJECT MANAGER.

Received by: *[Signature]* Date: 4-12-96 Time: 10:15A

[Signature] 4-24-96

50968-70

Sec. 36
TS ~~22-21~~
R 36
SE4 SE4 SE4

Sec. 26
TS 22
R 37
NE 4 of SE

OFFICE
JUN 05 1998

ac-20-95 05:24P

P.01

6701 Aberdeen Avenue
Lubbock, Texas 79424
808-794-1295
FAX 808-794-1298

ANALYTICAL RESULTS FOR
SID RICHARDSON GASOLINE CO.
Attention: Harold Hicks
P. O. Box 1226
Jal, NM 88252

December 14, 1995
Receiving Date: 12/13/95
Sample Type: Soil
Project No: NA
Project Location: Lea County Gathering Compressors

Extraction Date: 12/13/95
Analysis Date: 12/14/95
Sampling Date: 12/11/95
Sample Condition: Intact & Cool
Sample Received by: ML
Project Name: Compressor Sites

TRF	FIELD CODE	TRPHC (mg/kg)
T45531	BCSP-1	55,800
T45532	WCSP-1	44,500
T45533	BCSP-1	46,300
QC	Quality Control	101

REPORTING LIMIT

10

RPD

3

% Extraction Accuracy

111

% Instrument Accuracy

101

METHODS: EPA SW 846-3550 High Level; EPA 418.1.
TRPHC SPIKE: 250 mg/kg TRPHC.
TRPHC SPIKE: 100 mg/L TRPHC.

JUN 05 1996

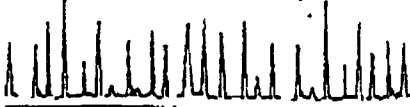
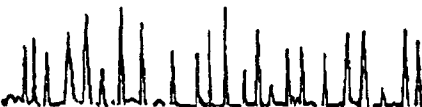
SOIL RUBBS
OFFICE



Director, Dr. Blair Leftwich
Director, Dr. Bruce McDonnell

12-14-95

DATE

 TRACE ANALYSIS, INC. 

A Laboratory for Advanced Environmental Research and Analysis

12/20/95 16:33

TX/RX NO.2222

P:001

TRACE ANALYSIS, INC.

6701 Albrecht Avenue Lubbock, Texas 79424 806-794-1236 806-794-1238 FAX

ANALYTICAL RESULTS FOR
SID RICHARDSON GASOLINE COMPANY
Attention: Harold Hicks
P. O. Box 1226
Jal, NN 88252

December 20, 1995
Receiving Date: 12/13/95
Sample Type: Soil
Project No: NA
Project Location: Lea County Gathering Compressors
Extraction Date: 12/13/95
Analysis Date: 12/15/95
Sampling Date: 12/11/95
Sample Conditions: Intact & Cool
Sample Received by: RL
Project Name: Compressor Sites

TCLP METALS (mg/L)

TAP	Field Code	As	Sa	Cr	Cd	Pb	Be	Ag	Hg
EPA LIMIT =									
T45531	HCSP-1	5.0	1.0	5.0	1.0	5.0	100.0	5.0	0.20
T45532	HCSP-1	0.1	<0.1	<0.05	0.04	<0.1	1.4	<0.01	<0.01
T45533	HCSP-1	0.1	<0.1	<0.05	0.03	<0.1	1.3	<0.01	<0.01
QC	Quality Control	0.1	<0.1	<0.05	0.03	<0.1	1.4	<0.01	<0.01
		4.8	4.9	4.8	4.9	4.7	4.8	0.9	0.049
Reporting Limit									
		0.1	0.1	0.05	0.02	0.10	0.20	0.01	0.01
RPD		2	14	8	0	22	4	16	5
% Extraction Accuracy		105	116	108	100	89	96	90	105
% Instrument Accuracy		96	98	96	98	94	96	90	98

METHODS: EPA SW 846-1311, 6010, 7470.
TCLP METALS SPIKE: 8.0 mg/L As, Se, Ba; 0.8 mg/L Cr; 0.2 mg/L Cd, Ag; 2.0 mg/L Pb; and 0.05 mg/L Hg.
TCLP METALS DO: 5.0 mg/L As, Se, Cr, Cd, Pb, Ba; 1.0 mg/L Ag; 0.05 mg/L Hg.

Director, Dr. Blair Leftwich
Director, Dr. Bruce McDonnell

12-20-95
Date

JUN 05 1996
0000000000

12-20-95
12-20-95

SID RICHARDSON GASOLINE CO.

P. O. BOX 1226

JAL, NM 88252

Phone: (505) 395-2116

Fax: (505) 395-2326

CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIALJUN 07 1996
JULIUS HUBBS
OFFICEOriginating Location: Boyd Compressor BCSP-1Section: 26 Township: 22 S Range: 37 ECounty: Lea State: N.M.Source: Soil excavated to pour concrete containment
around compressorDisposal Location: Gooyea Land Farm operated by Rhino Environmental
Services.

As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt waste as defined by the Environmental Agency's (EPA) July 1986 Regulatory Determination. To my knowledge, this waste has been analyzed pursuant to the provisions of 40 CFR Part 261 to verify that the waste is non-hazardous. I further certify that to my knowledge no "hazardous or listed waste" pursuant to the provisions of 40 CFR Part 261, Subparts C and D, has been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Section 261.3 (b).

Name Harold HicksTitle Field Mgr.Company Sid Richardson Gasoline Co.Signature Harold HicksDate 6-7-96

District I - (505) 393-6161
P. O. Box 1940
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

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

Form C-138
Originated 4/18/95

RECEIVED

JUN 13 1996

Submit Original
Plus 1 Copy
to appropriate
District Office

Environmental Bureau
Oil Conservation Division

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator <u>Sid Richardson</u>
Verbal Approval Received: Yes ☐ No ☐	5. Originating Site <u>House Compressor Station HCS#2</u>
2. Management Facility Destination <u>Good Year Landfarm</u>	6. Transporter <u>Rhino Environmental Services</u>
3. Address of Facility Operator <u>4007 Livingston Highway Hobbs, NM</u>	8. State <u>New Mexico</u>
7. Location of Material (Street Address or ULSTR) <u>sec 11 T 20 R 38 S 8 114</u>	
9. <u>Circle One:</u> A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

Hydrocarbon Contaminated Soils From Around
Compressors. Soils were dug to Build A
Containment Around Compressors.

NEED CERT OF WASTE STATUS BY GENERATOR
OK ME 6/7/96

JUN 05 1996

NEW MEXICO
OFFICE

Estimated Volume 40 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: Royce Cooper, Jr. TITLE: Vice-President DATE: 6-3-96
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: Royce Cooper, Jr. TELEPHONE NO. 505-392-4498

(This space for State Use)

APPROVED BY: [Signature] TITLE: Frank Ensh DATE: 6/10/96
APPROVED BY: [Signature] TITLE: Pet. Eng. DATE: 6/13/96

P.O. BOX 1226
JAL. N.M. 88252

PHONE:
505-395-2116

SID RICHARDSON GASOLINE CO.
JAL DISTRICT FIELD OFFICE

April 29, 1996

Royce Cooper
Rhino Environmental Services, Inc.
4007 Lovington Highway
Hobbs, NM 88240

Mr. Cooper,

Enclosed please find analytical results for soil samples taken at our House Compressor site, located per following:

HOUSE COMPRESSOR STATION - HCSP-2 Operated by Sid Richardson Gasoline Co.; Section 11, Township 20 South, Range 38 East, SE/4 unit "O", Lea County, New Mexico.

Please use this data to apply for a permit from the State of New Mexico to remove this soil from our site to proper soil reclamation facility operated by your company.

Estimated volume of this spoil pile to be 40 cubic yards.

Thank you,

Harold Hicks
Harold Hicks
Field Manager *kykd*

HH/kd
cc: RG, CC, file

JUN 05 1996
JAL DISTRICT
OFFICE

6701 Aberdeen Avenue
Lubbock, Texas 79424
806•794•1296
FAX 806•794•1298

ANALYTICAL RESULTS FOR
HAROLD HICKS
6105 Commerce Street
Jal, New Mexico 88285

April 23, 1996

Receiving Date: 04/12/96

Sample Type: Soil

Project No: NA

Project Location: Lea County Gathering Comp.

Extraction Date: 04/13/96

Analysis Date: 04/19/96

Sampling Date: 04/11/96

Sample Condition: I & C

Sample Received by: SH

Project Name: Compressor
Sites

TCLP Semi-Volatiles (mg/L)	EPA Limit	Reporting Limit	T50968 HCSP-2	QC	RPD	%EA	%IA
Pyridine	5.0	0.05	ND	93	75	50	93
1,4-Dichlorobenzene	7.5	0.05	ND	96	29	41	96
o-Cresol	200.0	0.05	ND	102	3	67	102
m,p-Cresol	200.0	0.05	ND	102	5	124	102
Total Cresol	200.0	0.05	ND	---	---	---	---
Hexachloroethane	3.0	0.05	ND	100	45	42	100
Nitrobenzene	2.0	0.05	ND	103	10	78	103
Hexachlorobutadiene	0.5	0.05	ND	107	54	49	107
2,4,6-Trichlorophenol	2.0	0.05	ND	97	3	79	97
2,4,5-Trichlorophenol	400.0	0.05	ND	97	3	88	97
2,4-Dinitrotoluene	0.13	0.05	ND	104	4	79	104
2,4-D	10.0	0.05	ND	109	2	86	109
Hexachlorobenzene	0.13	0.05	ND	111	2	99	111
2,4,5-TP	1.0	0.05	ND	109	6	108	109
Pentachlorophenol	100.0	0.05	ND	108	3	83	108
Chlordane	0.03	0.001	ND	0.053	16	68	106
Toxaphene	0.5	0.05	ND	2.12	50	90	106
Lindane	0.4	0.001	ND	0.028	15	84	112
Heptachlor	0.008	0.001	ND	0.026	15	84	104
Heptachlor epoxide	0.008	0.001	ND	0.026	29	96	104
Total Heptachlor	0.008	0.001	ND	---	---	---	---
Endrin	0.02	0.001	ND	0.047	31	82	94
Methoxychlor	10.0	0.1	ND	0.24	23	61	96
Surrogates	% RECOVERY						
2-Fluorophenol	45						
Phenol-d6	26						
Nitrobenzene-d5	69						
2-Fluorobiphenyl	67						
2,4,6-Tribromophenol	76						
Terphenyl-d14	113						

Methods: EPA SW 846-1311, 8270, 8080.

ND - Not Detected

Director, Dr. Blair Leftwich

Director, Dr. Bruce McDonell

DATE

TRACE ANALYSIS, INC.

A Laboratory for Advanced Environmental Research and Analysis

JUN 05 1996
OCCUPATIONAL
OFFICE

okay

mg

6-13-96 4-23-96

6701 Aberdeen Avenue
 Lubbock, Texas 79424
 806•794•1296
 FAX 806•794•1298

**ANALYTICAL RESULTS FOR
 HAROLD HICKS
 6105 Commerce Street
 Jal, New Mexico 88285**

April 23, 1996
 Receiving Date: 04/12/96
 Sample Type: Soil
 Project No: NA
 Project Location: Lea County Gathering Comp.

Extraction Date: 04/17/96
 Analysis Date: 04/18/96
 Sampling Date: 04/11/96
 Sample Condition: I & C
 Sample Received by: SH
 Project Name: Compressor
 Sites

TCLP VOLATILES (mg/L)	EPA LIMIT	Reporting Limit	T50968 HCSP-2	QC	RPD	%EA	%IA
Vinyl chloride	0.20	0.05	ND	0.100	9	96	100
1,1-Dichloroethene	0.70	0.05	ND	0.098	3	100	98
Methyl Ethyl Ketone	200.0	0.5	ND	---	3	107	---
Chloroform	6.00	0.05	ND	0.100	2	107	100
1,2-Dichloroethane	0.50	0.05	ND	0.102	0	102	102
Benzene	0.50	0.05	ND	0.099	3	101	99
Carbon Tetrachloride	0.50	0.05	ND	0.095	3	103	95
Trichloroethene	0.50	0.05	ND	0.099	3	101	99
Tetrachloroethane	0.70	0.05	ND	0.091	5	107	91
Chlorobenzene	100.00	0.05	ND	0.096	5	106	96
1,4-Dichlorobenzene	7.50	0.05	ND	0.098	4	102	98

SURROGATES	% Recovery
Dibromofluoromethane	110
Toluene-d8	105
4-Bromofluorobenzene	99

ND = Not Detected

METHODS: EPA SW 846-1311, 8260.

BB
 Director, Dr. Blair Leftwich
 Director, Dr. Bruce McDonell

Weny

DWB

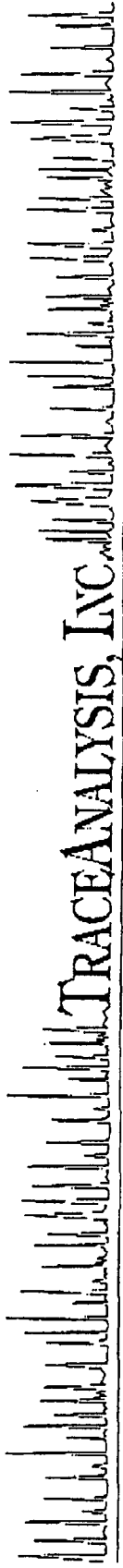
6-13-91

4-27-96

DATE

JUN 05 1996
 UCD HUBBARD
 OFFICE

TRACE ANALYSIS, INC.
 A Laboratory for Advanced Environmental Research and Analysis



805•794•1296 FAX

805•794•1296

Lubbock, Texas 79424

670 Aberdeen Avenue

ANALYTICAL RESULTS FOR

HAROLD HICKS

6105 Commerce Street

Jal, New Mexico 88252

JUN 05 1996
CCC
OFFICE

April 23, 1996

Receiving Date: 04/12/96

Sample Type: Soil

Project No: NA

Project Location: Lea County Gathering Comp.

Prep Date: 04/16/96
Analysis Date: 04/16/96
Sampling Date: 04/11/96
Sample Condition: Intact & Cool
Sample Received by: SH
Project Name: Compressor Sites

TA#	Field Code	REACTIVITY	SULFIDES (mg/kg)	CYANIDES (mg/kg)	CORROSIVITY	PH (s.u.)	IGNITABILITY
EPA LIMITS							
T50968	HCSP - 2	Non-reactive	<10.0	<2.5	Non-corrosive	<2	>12.5
T50969	BCSP - 2	Non-reactive	<10.0	<2.5	Non-corrosive	7.6	Nonignitable
T50970	WECSP-2	Non-reactive	<10.0	<2.5	Non-corrosive	8.2	Nonignitable
QC	Quality Control	---	---	---	---	7.9	Nonignitable
		---	---	---	---	7.0	---

RPD
% Extraction Accuracy
% Instrument Accuracy

0

100

METHODS: EPA SW 846-2.1.1, 2.1.2, 2.1.1.

BS

Director, Dr. Blair Leftwich
Director, Dr. Bruce McDonnell

DATE

4-23-96

04/23/96
SH

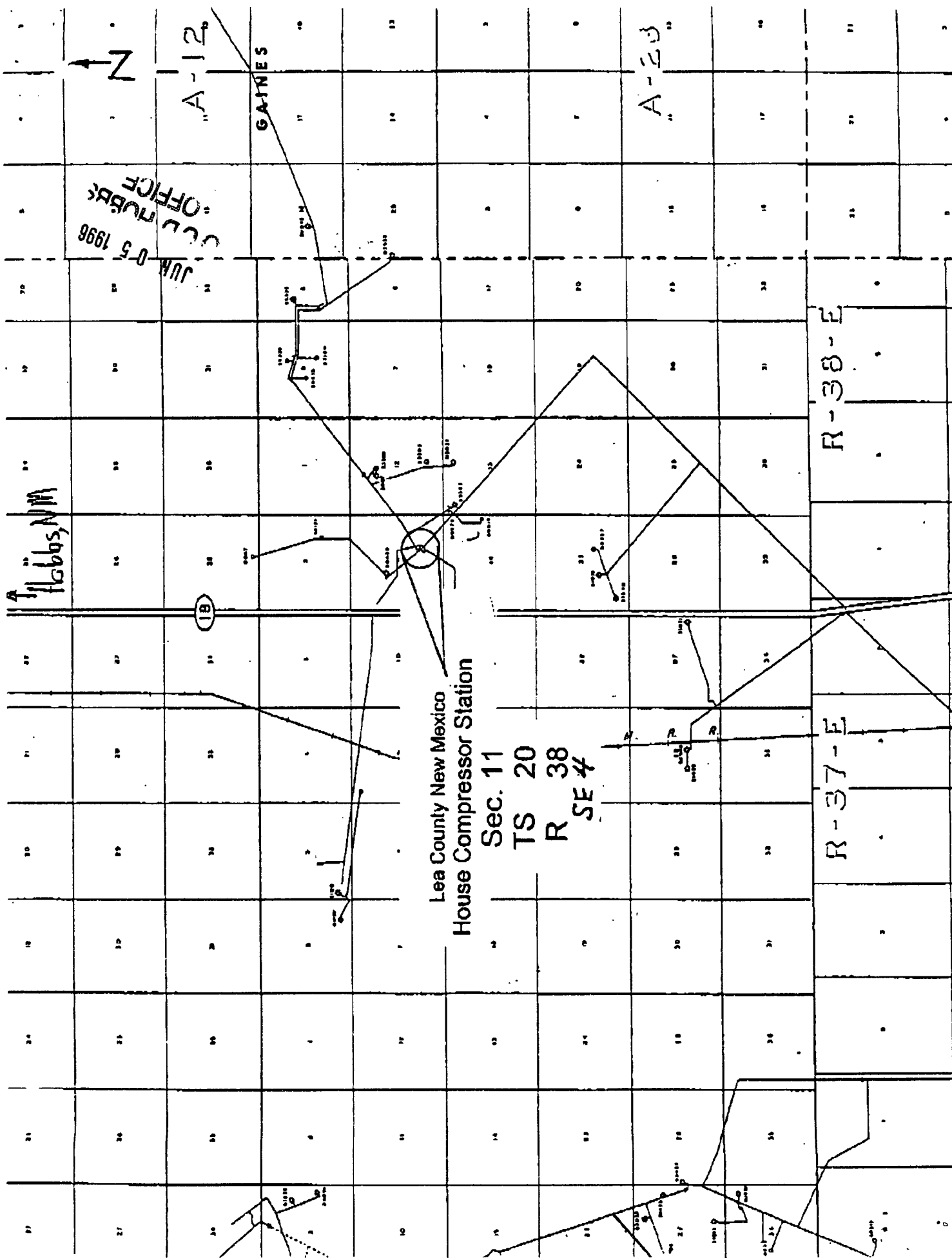
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Sec. 11
TS 20
R 38
SE 4

flüßig, klar

-2



ac-20-95 05:24P

P.01

6701 Aberdeen Avenue
Lubbock, Texas 79424
806-794-1296
FAX 806-794-1298

ANALYTICAL RESULTS FOR
SID RICHARDSON GASOLINE CO.
Attention: Harold Hicks
P. O. Box 1226
Jal, NM 88252

December 14, 1995
Receiving Date: 12/13/95
Sample Type: Soil
Project No: NA
Project Location: Lea County Gathering Compressors

Extraction Date: 12/13/95
Analysis Date: 12/14/95
Sampling Date: 12/11/95
Sample Condition: Intact & Cool
Sample Received by: ML
Project Name: Compressor Sites

TRF	FIELD CODE	TRPHC (mg/kg)
T45531	HCSP-1	55,800
T45532	WCSP-1	44,500
T45533	BCSP-1	46,300
QC	Quality Control	101

REPORTING LIMIT

10

RPD

% Extraction Accuracy
% Instrument Accuracy

3
111
101

METHODS: EPA SW 846-3550 High Level; EPA 418.1.
TRPHC SPIKE: 250 mg/kg TRPHC.
TRPHC SPIKE: 100 mg/L TRPHC.

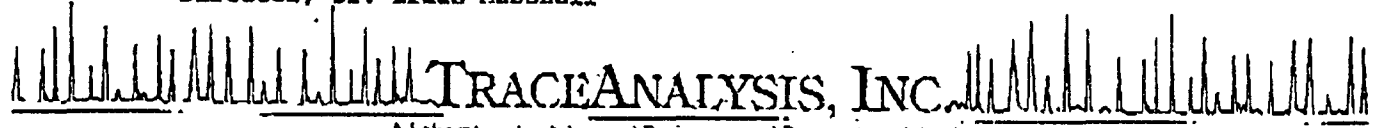
JUN 05 1996
OCCUPATIONAL
OFFICE



Director, Dr. Blair Leftwich
Director, Dr. Bruce McDonnell

12-14-95

DATE


TRACE ANALYSIS, INC.

A Laboratory for Advanced Environmental Research and Analysis

12/20/95 16:33

TX/RX NO.2222

P.001

TRACE ANALYSIS, INC.

6701 Abercree Avenue Lubbock, Texas 79424 806-794-1295 FAX 806-794-1298

ANALYTICAL RESULTS FOR SID RICHARDSON GASOLINE COMPANY

Attention: Harold Hicke

P. O. Box 1226

Jal, NN 86252

December 20, 1995

Receiving Date: 12/13/95

Sample Type: Soil

Project No: NA

Project Location: Lea County Gathering Compressor

Extraction Date: 12/13/95

Analysis Date: 12/15/95

Sampling Date: 12/11/95

Sample Conditions: Intact & Cool

Sample Received by: ML

Project Name: Compressor Sites

TOCLP METALS (mg/L)

TAP	Field Code	As	Sb	Cr	Cd	Pb	Ba	Ag	Hg
EPA LIMIT =									
T45531	HCSP-1	5.0	1.0	5.0	1.0	5.0	100.0	5.0	0.20
T45532	HCSP-1	0.1	<0.1	<0.05	0.04	<0.1	1.4	<0.01	<0.01
T45533	HCSP-1	0.1	<0.1	<0.05	0.03	<0.1	1.3	<0.01	<0.01
QC	Quality Control	0.1	<0.1	<0.05	0.03	<0.1	1.4	<0.01	<0.01
		4.8	4.9	4.8	4.9	4.7	4.8	0.9	0.049
Reporting Limit		0.1	0.1	0.05	0.02	0.10	0.20	0.01	0.01
RPD		2	14	8	0	22	4	16	4
% Extraction Accuracy		106	116	108	100	89	96	90	105
% Instrument Accuracy		96	98	96	98	94	96	90	98

METHODS: EPA 846-1311, 6010, 7470.

TOCLP METALS SPIKE: 9.0 mg/L As, Se, Ba, 0.6 mg/L Cr, 0.2 mg/L Cd, Ag, 2.0 mg/L Pb, and 0.05 mg/L Hg.

TOCLP METALS QC: 5.0 mg/L As, Se, Cr, Cd, Pb, Ba, 1.0 mg/L Ag, 0.05 mg/L Hg.

Director, Dr. Blair Leftwich
Director, Dr. Bruce McDonnell

Date

12-20-95

6-13-96
KMY
PWG

JUN 05 1996
SOIL RUBBS
OFFICE

SID RICHARDSON GASOLINE CO.
P. O. BOX 1226
JAL, NM 88252

Phone: (505) 395-2116

Fax: (505) 395-2326

CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL

JUN 07 1996
 JCD HUBBS
 OFFICE

Originating Location: House Compressor HCSP-1

Section: 11 Township: 20 Range: 38

County: Lea Co. State: N.M.

Source: Excavation to pour concrete containment around
compressor

Disposal Location: Gooyea Land Farm operated by Rhino Environmental
Services

As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt waste as defined by the Environmental Agency's (EPA) July 1986 Regulatory Determination. To my knowledge, this waste has been analyzed pursuant to the provisions of 40 CFR Part 261 to verify that the waste is non-hazardous. I further certify that to my knowledge no "hazardous or listed waste" pursuant to the provisions of 40 CFR Part 261, Subparts C and D, has been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Section 261.3 (b).

Name Harold Hicks

Title Field Mgr.

Company Sid Richardson Gasoline Co.

Signature [Signature]

Date 6-7-96

Post-it Fax Note	7671	Date	# of pages
To <u>Wayne Price</u>	From <u>Lea Co.</u>		
Co/Dept. <u>your copy</u>	Co. <u>To follow</u>		
Phone # <u>by mail</u>	Phone #		
Fax #	Fax #		

District I - (505) 393-6161
P. O. Box 1940
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

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

Form C-138
Originated 4/18/95

RECEIVED

JUN 13 1996

Environmental Bureau
Oil Conservation Division

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator <u>Sid Richardson</u>
Verbal Approval Received: Yes ☐ No ☐	5. Originating Site <u>WEST EUNICE Compressor</u>
2. Management Facility Destination <u>Goo Ya Landfarm</u>	6. Transporter <u>RHINO ENVIRONMENTAL SERVICES</u>
3. Address of Facility Operator <u>4007 Louisa Hwy Hobbs, NM</u>	8. State <u>New Mexico</u>
7. Location of Material (Street Address or ULSTR) <u>SEC 36, TS 21 South R36 EAST SE1/4</u>	
9. <u>Circle One:</u> A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

Hydrocarbon Contaminated Soils From Around
Compressors. Soils were dug to Build A
Containment Around Compressor.

NEED CERT OF WASTE STATUS BY GENERATOR
CMA Rec 6/19/96 JH

JUN 05 1996
OLD HOBBS
OFFICE

Estimated Volume 25 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: [Signature] TITLE: Vice President DATE: 6/13/96
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Royce Coomer, Jr TELEPHONE NO. 505-392-4498

(This space for State Use)

APPROVED BY: [Signature] TITLE: Env. Eng. DATE: 6/13/96

APPROVED BY: [Signature] TITLE: Pet. Eng. DATE: 6/13/96

P.O. BOX 1226
JAL. N.M. 88252

PHONE:
505-395-2116

SID RICHARDSON GASOLINE CO.
JAL DISTRICT FIELD OFFICE

April 29, 1996

Royce Cooper
Rhino Environmental Services, Inc.
4007 Lovington Highway
Hobbs, NM 88240

Mr. Cooper,

Enclosed please find analytical results for soil samples taken at our West Eunice Compressor site, located per following:

WEST EUNICE COMPRESSOR STATION - WECSP-2 Operated by Sid Richardson Gasoline Co.; Section 36, Township 21 South, Range 36 East, SE/4 of the SE/4, unit "P", Lea County, New Mexico.

Please use this data to apply for a permit from the State of New Mexico to remove this soil from our site to proper soil reclamation facility operated by your company.

Estimated volume of this spoil pile to be 25 cubic yards.

Thank you,

Harold Hicks
Harold Hicks
Field Manager *by kd*

HH/kd
cc: RG, CC, file

JUN 05 1996
JULY HOBBS
OFFICE

6701 Aberdeen Avenue

Lubbock, Texas 79424

806•794•1296

FAX 806•794•1298

ANALYTICAL RESULTS FOR
HAROLD HICKS
6105 Commerce Street
Jal, New Mexico 88285

April 23, 1996

Receiving Date: 04/12/96

Sample Type: Soil

Project No: NA

Project Location: Lea County Gathering Comp.

Extraction Date: 04/13/96

Analysis Date: 04/19/96

Sampling Date: 04/11/96

Sample Condition: I & C

Sample Received by: SH

Project Name: Compressor
Sites

TCLP Semi-Volatiles (mg/L)	EPA Limit	Reporting Limit	T50970 WECSP-2	QC	RPD	%EA	%IA
Pyridine	5.0	0.05	ND	93	75	50	93
1,4-Dichlorobenzene	7.5	0.05	ND	96	29	41	96
o-Cresol	200.0	0.05	ND	102	3	67	102
m,p-Cresol	200.0	0.05	ND	102	5	124	102
Total Cresol	200.0	0.05	ND	---	---	---	---
Hexachloroethane	3.0	0.05	ND	100	45	42	100
Nitrobenzene	2.0	0.05	ND	103	10	78	103
Hexachlorobutadiene	0.5	0.05	ND	107	54	49	107
2,4,6-Trichlorophenol	2.0	0.05	ND	97	3	79	97
2,4,5-Trichlorophenol	400.0	0.05	ND	97	3	88	97
2,4-Dinitrotoluene	0.13	0.05	ND	104	4	79	104
2,4-D	10.0	0.05	ND	109	2	86	109
Hexachlorobenzene	0.13	0.05	ND	111	2	99	111
2,4,5-TP	1.0	0.05	ND	109	6	108	109
Pentachlorophenol	100.0	0.05	ND	108	3	83	108
Chlordane	0.03	0.001	ND	0.053	16	68	106
Toxaphene	0.5	0.05	ND	2.12	50	90	106
Lindane	0.4	0.001	ND	0.028	15	84	112
Heptachlor	0.008	0.001	ND	0.026	15	84	104
Heptachlor epoxide	0.008	0.001	ND	0.026	29	96	104
Total Heptachlor	0.008	0.001	ND	---	---	---	---
Endrin	0.02	0.001	ND	0.047	31	82	94
Methoxychlor	10.0	0.1	ND	0.24	23	61	96
Surrogates	% RECOVERY						
2-Fluorophenol	50						
Phenol-d6	28						
Nitrobenzene-d5	75						
2-Fluorobiphenyl	70						
2,4,6-Tribromophenol	83						
Terphenyl-d14	119						

Methods: EPA SW 846-1311, 8270, 8080.

ND - Not Detected

Director, Dr. Blair Leftwich

Director, Dr. Bruce McDonell

TRACE ANALYSIS, INC.

A Laboratory for Advanced Environmental Research and Analysis

JUN 05 1996

JCD HUBBS
OFFICE

DATE

OK 7 JH/S
6-13-96

6701 Abordcan Avenue

Lubbock, Texas 79424

806•794•1296

FAX 806•794•1298

ANALYTICAL RESULTS FOR
HAROLD HICKS
6105 Commerce Street
Jal, New Mexico 88285

April 23, 1996

Receiving Date: 04/12/96

Sample Type: Soil

Project No: NA

Project Location: Lea County Gathering Comp.

Extraction Date: 04/18/96

Analysis Date: 04/19/96

Sampling Date: 04/11/96

Sample Condition: I & C

Sample Received by: SH

Project Name: Compressor
Sites

TCLP VOLATILES (mg/L)	EPA LIMIT	Reporting Limit	T50970 WECSP-2	QC	RPD	%EA	%IA
Vinyl chloride	0.20	0.05	ND	0.115	1	91	115
1,1-Dichloroethene	0.70	0.05	ND	0.116	3	99	116
Methyl Ethyl Ketone	200.0	0.5	ND	0.106	2	99	106
Chloroform	6.00	0.05	ND	0.112	2	106	112
1,2-Dichloroethane	0.50	0.05	ND	0.100	3	103	110
Benzene	0.50	0.05	ND	0.100	1	99	110
Carbon Tetrachloride	0.50	0.05	ND	0.104	0	100	104
Trichloroethene	0.50	0.05	ND	0.107	1	97	107
Tetrachloroethene	0.70	0.05	ND	0.105	3	101	105
Chlorobenzene	100.00	0.05	ND	0.112	2	101	112
1,4-Dichlorobenzene	7.50	0.05	ND	0.115	1	95	115
SURROGATES	% Recovery						
Dibromofluoromethane	111						
Toluene-d8	107						
4-Bromofluorobenzene	98						

ND = Not Detected

METHODS: EPA SW 846-1311, 8260.

PS
Director, Dr. Blair Leftwich
Director, Dr. Bruce McDonell

JUN 05 1996
J. D. HUBBS
OFFICE
4-23-96
DATE



TRACEANALYSIS, INC.

A Laboratory for Advanced Environmental Research and Analysis

OKAY *PHB*
6-13-96

TRACE ANALYSIS, INC.

805•794•1296
FAX 805•794•1296

805•794•1296

Lubbock, Texas 79424

670 Aberdeen Avenue

ANALYTICAL RESULTS FOR

HAROLD HICKS

6105 Commerce Street

Jal, New Mexico 88252

April 23, 1996

Receiving Date: 04/12/96

Sample Type: Soil

Project No: NA

Project Location: Lea County Gathering Comp.

Prep Date: 04/16/96
 Analysis Date: 04/16/96
 Sampling Date: 04/11/96
 Sample Condition: Intact & Cool
 Sample Received by: SH
 Project Name: Compressor Sites

JUN 05 1996
 OFFICE

TA#	Field Code	REACTIVITY	SULFIDES (mg/kg)	CYANIDES (mg/kg)	CORROSIVITY	pH (s.u.)	IGNITABILITY
EPA LIMITS							
T50968	HCSP - 2	Non-reactive	<10.0	<2.5	Non-corrosive	<2	Nonignitable
T50969	BCSP - 2	Non-reactive	<10.0	<2.5	Non-corrosive	7.6	Nonignitable
T50970	WECSP-2	Non-reactive	<10.0	<2.5	Non-corrosive	8.2	Nonignitable
QC	Quality Control	---	---	---	---	7.9	Nonignitable
		---	---	---	---	7.0	---

RPD
 % Extraction Accuracy
 % Instrument Accuracy

0

 0

 100

METHODS: EPA SW 846-2.1.1.3, 2.1.2, 2.1.1.

BS

Director, Dr. Blair Leftwich
 Director, Dr. Bruce McDonnell

4-23-96

DATE

OK
 DWG
 6-13-96

Sec. 36
TS ~~22-21~~
R 36
SE4 SE4 SE4

Sec. 26
TS 22
R 37
NE 4 of SE 4

OFFICE
C.D. HUBBS
JUN 05 1996

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STUDY OF THE

070700000000 VWJ TN:00 08/08/00

ac-20-95 05:24P

P.01

6701 Ahern Avenue
Lubbock, Texas 79424
806-794-1296
FAX 806-794-1298

ANALYTICAL RESULTS FOR
SID RICHARDSON GASOLINE CO.
Attention: Harold Hicks
P. O. Box 1226
Jal, NM 88252

December 14, 1995
Receiving Date: 12/13/95
Sample Type: Soil
Project No: NA
Project Location: Lea County Gathering Compressors

Extraction Date: 12/13/95
Analysis Date: 12/14/95
Sampling Date: 12/11/95
Sample Condition: Intact & Cool
Sample Received by: ML
Project Name: Compressor Sites

TRF	FIELD CODE	TRPHC (mg/kg)
T45531	BCSP-1	55,800
T45532	WECSP-1	44,500
T45533	BCSP-1	46,300
QC	Quality Control	101

REPORTING LIMIT

10

RPD

3

% Extraction Accuracy

111

% Instrument Accuracy

101

METHODS: EPA SW 846-3550 High Level; EPA 418.1.
TRPHC SPIKE: 250 mg/kg TRPHC.
TRPHC SPIKE: 100 mg/L TRPHC.

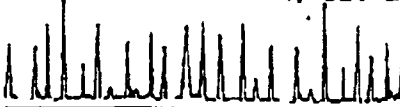
JUN 05 1996

OLD HUBB
OFFICE

12-14-95

DATE


Director, Dr. Blair Leftwich
Director, Dr. Bruce McDonell

 TRACE ANALYSIS, INC. 

A Laboratory for Advanced Environmental Research and Analysis

OFFICE
JUN 05 1996

12-20-95
12-20-95

TRACE ANALYSIS, INC.

6701 Alvercer Avenue Lubbock, Texas 79424 806-794-1235 FAX 806-794-1238

ANALYTICAL RESULTS FOR
SID RICHARDSON GASOLINE COMPANY

Attention: Harold Hicke

P. O. Box 1226

Jal, NM 88252

December 20, 1995

Receiving Date: 12/13/95

Sample Type: Soil

Project No: NA

Project Location: Lea County Gathering Compressor

Extraction Date: 12/13/95

Analysis Date: 12/15/95

Sampling Date: 12/11/95

Sample Conditions: Intact & Cool

Sample Received by: ML

Project Name: Compressor Sites

TCLP METALS (mg/L)

TAP	Field Code	As	Sb	Cr	Cd	Pb	Ba	Ag	Hg
EPA LIMIT =									
T45531	HCSP-1	5.0	1.0	5.0	1.0	5.0	100.0	5.0	0.20
T45532	WCSP-1	0.1	<0.1	<0.05	0.04	<0.1	1.4	<0.01	<0.01
T45533	BCSP-1	0.1	<0.1	<0.05	0.03	<0.1	1.3	<0.01	<0.01
QC	Quality Control	0.1	<0.1	<0.05	0.03	<0.1	1.4	<0.01	<0.01
		4.8	4.9	4.8	4.9	4.7	4.8	0.9	0.049
Reporting Limit									
		0.1	0.1	0.05	0.02	0.10	0.20	0.01	0.01
RPD		2	14	8	0	22	4	16	6
% Extraction Accuracy		106	116	108	100	89	96	90	106
% Instrument Accuracy		96	98	96	98	94	96	90	98

METHODS: EPA SW 846-1311, 6010, 7470.

TCLP METALS SPIKE: 9.0 mg/L As, Se, Ba; 0.8 mg/L Cr; 0.2 mg/L Cd, Ag; 2.0 mg/L Pb; and 0.05 mg/L Hg.

TCLP METALS DO: 5.0 mg/L As, Se, Cr, Cd, Pb, Ba; 1.0 mg/L Ag; 0.05 mg/L Hg.

Director, Dr. Blair Leftwich
Director, Dr. Bruce McDonnell

12-20-95

Date

SID RICHARDSON GASOLINE CO.
P. O. BOX 1226
JAL, NM 88252

Phone: (505) 395-2116

Fax: (505) 395-2326

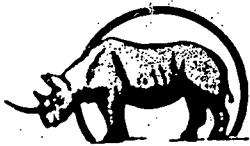
CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL

JUN 07 1996
JULY HUBBS
OFFICE

Originating Location: West Eunice Compressor WECSP-1Section: 36 Township: 21 S Range: 36 ECounty: Lea State: N.M.Source: Soil excavated to pour concrete containment
around compressorDisposal Location: Gooyea Land Farm operated by Rhino Environmental
Services

As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt waste as defined by the Environmental Agency's (EPA) July 1986 Regulatory Determination. To my knowledge, this waste has been analyzed pursuant to the provisions of 40 CFR Part 261 to verify that the waste is non-hazardous. I further certify that to my knowledge no "hazardous or listed waste" pursuant to the provisions of 40 CFR Part 261, Subparts C and D, has been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Section 261.3 (b).

Name Harold HicksTitle Field Mgr.Company Sid Richardson Gasoline Co.Signature Harold HicksDate 6-7-96



RHINO

Environmental Services, Inc.

P.O. BOX 2327 • HOBBS, NM 88241 • PHONE & FAX (505) 392-4498

505-292-6464

RECEIVED

JUN 13 1996

Environmental Bureau
Oil Conservation Division

Tightness Tests
Removals
New Installations
Repairs
Remedial Services
Contaminated Soils Disposal
Leak Detection

Wayne Price
Oil Conservation Division
PO Box 1940
Hobbs, NM 88240

June 3, 1996

Re: Request for Approval to Accept Solid Waste
Sid Richardson
Lea County, NM

Dear Wayne,

I am requesting approval to dispose of the attached non-exempt materials from 3 of Sid Richardson's locations at Goo-Yea Landfarm. The Request for Approval Forms C-138 along with the analytical reports are attached.

If you have any questions, please call me at 505-392-4498.

Sincerely,

Royce Cooper, Jr.

cc: Harold Hicks/Sid Richardson

*called Royce Cooper - OK To advise
then 9B per SP 6/6/96*

District I - (505) 393-6161
 P. O. Box 1940
 Hobbs, NM 88241-1980
 District II - (505) 748-1283
 811 S. First
 Artesia, NM 88210
 District III - (505) 934-6178
 1000 Rio Brazos Road
 Aztec, NM 87410
 District IV - (505) 827-7131

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

Form C-138
 Originated 4/18/95

Submit Original
 Plus 1 Copy
 to appropriate
 District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator <u>B.T. Services</u>
Verbal Approval Received: Yes ☐ No ☐	5. Originating Site <u>Artesia</u>
2. Management Facility Destination <u>Geo-Yea Landfarm</u>	6. Transporter <u>Rhino</u>
3. Address of Facility Operator <u>4007 Livingston Hwy. Hobbs</u>	8. State <u>New Mexico</u>
7. Location of Material (Street Address or ULSTR) <u>2401 S. Hwy</u>	
9. Circle One: A. All requests for approval to accept offsite 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:

Soils generated from the removal of a TRUCK WASH DRAIN system. This system consisted of a DRAIN line connected to an underground septic tank, which was then connected to two leach lines.

Estimated Volume 400 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: [Signature] TITLE: Vice-President DATE: 2/14/96
Waste Management Facility Authorized Agent
 TYPE OR PRINT NAME: ROYCE COOPER, JR. TELEPHONE NO. 505-392-4498

(This space for State Use)

APPROVED BY: [Signature] TITLE: District IV Supervisor DATE: 2-15-97

APPROVED BY: _____ TITLE: _____ DATE: _____

Environmental Laboratories
 Bethany Tech Center • Suite 190
 400 W. Bethany Rd. • Allen, Texas 75013

February 12, 1996

REPORT OF:

Soil Analysis

REPORT TO:

Mr. Tim Jenkins
 Brown and Caldwell
 1415 Louisiana Street, Suite 2500
 Houston, Texas 77002

PROJECT NAME:

BJ-Artesia: TWDS
 2401 S.Way
 Artesia, NM 88210
 2988-27

PROJECT NUMBER:

SAMPLE I.D.:

TWDS-Piles*

SAMPLE DATE:

February 05, 1996

SAMPLE TIME:

4:00PM

SAMPLE RECEIVED:

February 06, 1996

TIME RECEIVED:

9:10AM

SAMPLE METHOD:

Composite

SAMPLE COLLECTED BY:

TLJ - Customer

SAMPLE NUMBER:

56839

RESULTS:

<u>Parameter</u>	<u>Regulatory Limits</u>	<u>Detection Limits</u>	<u>Observed Concentration</u>
IGNITABILITY			
Flashpoint	>60°C (140°F)	0.5°C	..
CORROSIVITY			
pH	pH ≥ 2.0 pH units pH ≤ 12.5 pH units	0.1 units	7.9 units
REACTIVITY			
Cyanides, mg/kg	≤250	1.0	<1.0 (1)
Sulfides, mg/kg	≤500	4.0	<4.0
TCLP METALS			
Arsenic, mg/l	<5.0	0.20	<0.20
Barium, mg/l	<100.0	0.05	0.43
Cadmium, mg/l	<1.0	0.04	<0.04
Chromium, mg/l	<5.0	0.05	<0.05
Lead, mg/l	<5.0	0.10	<0.10
Mercury, mg/l	<0.2	0.004	<0.004
Selenium, mg/l	<1.0	0.15	<0.15
Silver, mg/l	<5.0	0.07	<0.07

Local: (214) 727-1123

Long Distance: (800) 228-ERM1

FAX: (214) 727-1175

Mr. Tim Jenkins
Page 2
February 12, 1996

SAMPLE NUMBER: 86839

<u>Parameter</u>	<u>Regulatory Limits</u>	<u>Detection Limits</u>	<u>Observed Concentration</u>
TCLP VOLATILE ORGANICS			
Benzene, mg/l	<0.5	0.003	<0.003
Carbon tetrachloride, mg/l	<0.5	0.003	<0.003
Chlorobenzene, mg/l	<100.0	0.003	<0.003
Chloroform, mg/l	<6.0	0.003	<0.003
1,4-Dichlorobenzene, mg/l	<7.5	0.003	<0.003
1,2-Dichloroethane, mg/l	<0.5	0.003	<0.003
1,1-Dichloroethylene, mg/l	<0.7	0.003	<0.003
Methyl ethyl ketone, mg/l	<200.0	0.010	<0.010
Tetrachloroethylene, mg/l	<0.7	0.003	<0.003
Trichloroethylene, mg/l	<0.6	0.003	<0.003
Vinyl chloride, mg/l	<0.2	0.005	<0.005
TCLP SEMIVOLATILES			
2,4-Dinitrotoluene, mg/l	<0.13	0.003	<0.003
o-Cresol, mg/l	<200.0	0.003	<0.003
m-Cresol, mg/l	<200.0	0.003	<0.003
p-Cresol, mg/l	<200.0	0.003	<0.003
Cresol, mg/l	<200.0	0.003	<0.003
Hexachlorobenzene, mg/l	<0.13	0.003	<0.003
Hexachlorobutadiene, mg/l	<0.5	0.003	<0.003
Hexachloroethane, mg/l	<3.0	0.003	<0.003
Nitrobenzene, mg/l	<2.0	0.003	<0.003
Pentachlorophenol, mg/l	<100.0	0.003	<0.003
Pyridine, mg/l	<5.0	0.003	<0.003
2,4,5-Trichlorophenol, mg/l	<400.0	0.003	<0.003
2,4,6-Trichlorophenol, mg/l	<2.0	0.003	<0.003
TCLP HERBICIDES			
2,4-D, mg/l	<10.0	0.003	<0.003
2,4,5-TP (Silvex), mg/l	<1.0	0.003	<0.003
TCLP PESTICIDES			
Chlordane, mg/l	<0.03	0.030	<0.030
Endrin, mg/l	<0.02	0.003	<0.003
Heptachlor, mg/l	<0.006	0.003	<0.003
Heptachlor epoxide, mg/l	<0.006	0.003	<0.003

Mr. Tim Jenkins
Page 3
February 12, 1996

SAMPLE NUMBER:

50839

ParameterRegulatory
LimitsDetection
LimitsObserved
ConcentrationTCLP PESTICIDES (Continued)

Lindane, mg/l
Methoxychlor, mg/l
Toxaphene, mg/l

<0.4
<10.0
<0.5

0.003
0.003
0.030

<0.003
<0.003
<0.030

Quality Control Information

<u>Parameter</u>	<u>Sample Preservation</u>	<u>EPA (2) Method</u>	<u>C.V. %</u>	<u>Standard Deviation</u>	<u>Spike Recovery %</u>	<u>Date of Analysis</u>	<u>Time of Analysis</u>	<u>Analyst</u>
Ignitability	None Required	7.1.2.2	0.0	0.00	NA	02/08/96	12:00PM	S. Isaac
Corrosivity	None Required	9045	0.0	± 0.00	100	02/08/96	9:00PM	D. Isaac
Reactivity								
Cyanides	None Required	7.3.3.2	0.0	± 0.00	22	02/08/96	1:30PM	S. Freeman
Sulfides	None Required	7.3.4.2	0.0	± 0.00	103	02/08/96	1:30PM	S. Freeman
TCLP Metals								
Extraction		1311				02/07/96	9:15PM	D. Bernhard
Metals Digestion - IOP		3010				02/08/96	10:00AM	D. Bernhard
Metals Digestion - Mercury		7470				02/08/96	11:30AM	J. Maroon
Arsenic	Cool to 4°C	8010	2.1	± 0.02	98	02/08/96	1:04PM	D. Bernhard
Barium	Cool to 4°C	8010	1.5	± 0.01	94	02/08/96	1:04PM	D. Bernhard
Cadmium	Cool to 4°C	8010	1.7	± 0.02	95	02/08/96	1:04PM	D. Bernhard
Chromium	Cool to 4°C	8010	1.2	± 0.01	99	02/08/96	1:04PM	D. Bernhard
Lead	Cool to 4°C	8010	0.7	± 0.007	98	02/08/96	1:04PM	D. Bernhard
Mercury	Cool to 4°C	7470	3.4	± 0.004	98	02/08/96	3:21PM	D. Bernhard
Selenium	Cool to 4°C	8010	3.5	± 0.03	94	02/08/96	1:04PM	D. Bernhard
Silver	Cool to 4°C	8010	1.3	± 0.005	97	02/08/96	1:04PM	D. Bernhard

Mr. Tim Jenkins
Page 4
February 12, 1996

SAMPLE NUMBER:

50839

Quality Control Information (Continued)

Parameter	Sample Preparation	EPA (2) Method	C.V.%	Standard Deviation	Spike Recovery%	Date of Analysis	Time of Analysis	Analyst
TCLP Volatiles	Open to 4°C	8260				02/08/96	12:33PM	K. Richmond
ZHE Extraction		1311				02/08/96	1:25PM	K. Richmond
Matrix Spikes:								
Benzene			3.18	± 0.679	107			
Carbon Tetrachloride			4.06	± 0.841	104			
Chlorobenzene			3.72	± 0.792	107			
Chloroform			2.58	± 0.559	108			
1,4-Dichlorobenzene			0.71	± 0.148	105			
1,2-Dichloroethane			4.07	± 0.877	108			
1,1-Dichloroethylene			2.17	± 0.467	108			
Methyl Ethyl Ketone			2.47	± 0.502	102			
Tetrachloroethylene			0.03	± 0.007	102			
Trichloroethylene			4.86	± 1.011	104			
Vinyl chloride			5.18	± 0.939	90			
Surrogates:								
Fluorobenzene			N/A	N/A	105			
Toluene-d8			N/A	N/A	98			
Bromofluorobenzene			N/A	N/A	109			
TCLP								
Semivolatiles	Cool to 4°C	8270				02/08/96	4:40PM	F. Coakey
Extraction		1311				02/07/96	2:15PM	D. Bernhard
Liquid-Liquid Extraction		3510				02/08/96	10:00AM	E. Boateng
Matrix Spikes:								
o-Cresol			4.0	± 8.28	71			
m-Cresol & p-Cresol			6.0	± 11.44	98			
2,4,6-Trichlorophenol			6.0	± 4.07	45			
2,4,6-Trichlorophenol			0.0	± 0.12	41			
Pentachlorophenol			4.0	± 4.02	46			
1,4-Dichlorobenzene			4.0	± 5.82	83			
2,4-Dinitrotoluene			6.0	± 11.83	01			
Hexachlorobenzene			7.0	± 13.33	97			
Hexachlorobutadiene			5.0	± 6.42	92			
Hexachloroethane			4.0	± 4.06	58			
Nitrobenzene			4.0	± 6.44	78			
Pyridine			5.0	± 7.79	88			

Mr. Tim Jenkins
Page 8
February 12, 1996

SAMPLE NUMBER:

50839

Quality Control Information (Continued)

Parameter	Sample Presentation	EPA (2) Method	C.V.%	Standard Deviation	Spike Recovery%	Date of Analysis	Time of Analysis	Analyst
TCLP SemiVolatile	Cool to 4°C	8270				02/08/96	4:40PM	F. Coskey
Surrogate:								
2-Fluorophenol			N/A	N/A	35			
Phenol-d ₅			N/A	N/A	39			
Nitrobenzene-d ₅			N/A	N/A	64			
2-Fluorobiphenyl			N/A	N/A	67			
2,4,6-Tribromophenol			N/A	N/A	96			
Terphenyl-d ₁₄			N/A	N/A	99			
TCLP Herbicide	Cool to 4°C	8270				02/08/96	11:42AM	F. Coskey
Matrix Spike:								
2,4-D			8.0	± 5.35	32			
2,4,6-TP (Silvex)			8.0	± 3.65	23			
Surrogate:								
Methyl 2,4-dichlorophenylacetate			N/A	N/A	68			
TCLP Pesticide	Cool to 4°C	8270				02/08/96	4:40PM	F. Coskey
Matrix Spike:								
Endrin			7.0	± 18.42	110			
Heptachlor			5.0	± 11.17	104			
Heptachlor epoxide			5.0	± 10.97	107			
Lindane			8.0	± 12.80	103			
Methoxychlor			4.0	± 7.73	109			
Chlordane			3.0	± 5.54	101			
Toxaphene			2.0	± 2.10	103			

Using the criteria of Ignitability, Reactivity, Corrosivity and Toxicity characteristics, this sample of waste is not hazardous.

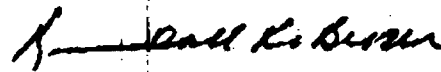
** Not Ignitable using the criteria applied for not a liquid sample. (Section 7.1.2.2)

Mr. Tim Jenkins
Page 8
February 12, 1996

SAMPLE NUMBER: 50539

- (1) < = Less than Detection Limit.
- (2) EPA. 1986. Test Methods for Evaluating Solid Waste. SW-846, 3rd Edition.

Respectfully submitted,



Kendall K. Brown
President

Prepared By Shelly Pope
Reviewed By Shelly Weems

District I - (505) 393-6161
P.O. Box 1940
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

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

Form C-138
Originated 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☐	4. Generator <u>B.S. Services</u>
2. Management Facility Destination <u>Goo-Yea Land Farm</u>	5. Originating Site <u>Artesia</u>
3. Address of Facility Operator <u>4007 Lovington Hwy Hobbs, NM</u>	6. Transporter <u>Rhino Environmental Services</u>
7. Location of Material (Street Address or ULSTR) <u>2401 SIVLEY</u>	8. State <u>New Mexico</u>
9. <u>Circle One</u> : A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

SOILS generated from Removal of Underground Storage Tanks.
The tanks were used as collection basins from cleaning out
tanks used in oilfield servicing.

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JAN 29 1996

OLD HOBBS
OFFICE

SENDING TO ARTESIA
FOR APPROVAL

Estimated Volume 150 tons cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: [Signature] TITLE: Vice President DATE: 1-26-96
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: Kyle Cooper TELEPHONE NO. 505-392-4498

(This space for State Use)

APPROVED BY: [Signature] TITLE: District Supervisor DATE: 2/2/96
APPROVED BY: [Signature] TITLE: GEOLOGIST DATE: 2/5/96



**CERTIFICATE OF WASTE STATUS:
OILFIELD NON-EXEMPT WASTE MATERIAL**

Originating Location: BJ Services Company, U.S.A. - Artesia District, Artesia, NM
Source: Field Waste Tank Area Excavation
Disposal Location: Rhino E.S.I. Goo-Yea Facility, Lea County, NM

"As a condition of acceptance for disposal, I hereby certify that this waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, to verify the nature as non-hazardous. I further certify that, to my knowledge, no "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D has been added or mixed with the 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 the agent for BJ Services Company, U.S.A. concur with the status of the waste from the subject site.

Name: Mike Wiggins
Title: District Manager
Address: 2401 Sivley
Artesia NM 88210
Signature: Mike Wiggins
Date: 2-1-96

RECEIVED

FEB 2 1996

**OIL CON. DIV.
DIST. 2**

**BROWN AND
CALDWELL**

Suite 2500
1415 Louisiana
Houston, Texas 77002
(713) 759-0999 • FAX (713) 759-0952

Unless otherwise indicated or obvious from the nature of the transmittal, the information contained in this facsimile message is confidential information intended for the use of the individual or entity named below. If the reader of this message is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us at the telephone number listed. Thank you.

FAX TRANSMITTAL COVER SHEET**PLEASE DELIVER THE FOLLOWING PAGES TO:**

Name: David Esparza Company: Rhino
City: Albuquerque, NM FAX No: (505) 247-4941

THIS TRANSMITTAL IS BEING SENT FROM:

Name/User ID: Tim Jenkins Date: January 18, 1996
Job #: 2988-26 Return originals: Yes ☒ No ☐
Stamp: Yes ☒ No ☐

SPECIAL INSTRUCTIONS/REMARKS:

David --

Attached is the analytical report for RCI plus full TCLP analysis for the Artesia, NM facility. If you require additional information, please let me know (713-759-0999).

NUMBER OF PAGES BEING TRANSMITTED, INCLUDING COVER SHEET: 8

RECEIVED

JAN 29 1996

**OLD HOBBS
OFFICE**

U:\2988\TASK-26\RI\NOFACJ.DOC

Environmental Laboratories
 Bethany Tech Center • Suite 190
 400 W. Bethany Rd. • Allen, Texas 75013

January 3, 1996

REPORT OF: Soil Analysis

REPORT TO: Mr. Tim Jenkins
 Brown and Caldwell
 1415 Louisiana Street, Suite 2500
 Houston, Texas 77002

SAMPLE I.D.: 15' @ N. Face*

SAMPLE DATE: December 27, 1995
 SAMPLE TIME: 12:00PM
 SAMPLE RECEIVED: December 29, 1995
 TIME RECEIVED: 8:00AM
 SAMPLE METHOD: Grab
 SAMPLE COLLECTED BY: TLJ - Customer

SAMPLE NUMBER: 55521

RECEIVEDJAN 29 1996
 OLD HUBBS
 OFFICE**RESULTS:**

<u>Parameter</u>	<u>Regulatory Limits</u>	<u>Detection Limits</u>	<u>Observed Concentration</u>
IGNITABILITY			
Flashpoint	>60°C (140°F)	0.5°C	..
CORROSIVITY			
pH	pH ≥ 2.0 pH units pH ≤ 12.5 pH units	0.1 units	8.1 units
REACTIVITY			
Cyanides, mg/kg	≤250	1.0	<1.0 (1)
Sulfides, mg/kg	≤500	4.0	7.8
TCLP METALS			
Arsenic, mg/l	<5.0	0.20	<0.20
Barium, mg/l	<100.0	0.05	1.0
Cadmium, mg/l	<1.0	0.04	<0.04
Chromium, mg/l	<5.0	0.05	<0.05
Lead, mg/l	<5.0	0.10	<0.10
Mercury, mg/l	<0.2	0.004	<0.004
Selenium, mg/l	<1.0	0.15	<0.15
Silver, mg/l	<5.0	0.07	<0.07
TCLP VOLATILE ORGANICS			
Benzene, mg/l	<0.5	0.003	<0.003
Carbon tetrachloride, mg/l	<0.5	0.003	<0.003
Chlorobenzene, mg/l	<100.0	0.003	<0.003
Chloroform, mg/l	<6.0	0.003	<0.003
1,4-Dichlorobenzene, mg/l	<7.5	0.003	<0.003

Local: (214) 727-1123

Long Distance: (800) 228-ERMI

FAX: (214) 727-1175

Mr. Tim Jenkins
Page 2
January 3, 1996

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JAN 29 1996
OLD HUBBS
OFFICE

SAMPLE NUMBER:

55521

<u>Parameter</u>	<u>Regulatory Limits</u>	<u>Detection Limits</u>	<u>Observed Concentration</u>
TCLP VOLATILES (Continued)			
1,2-Dichloroethane, mg/l	<0.5	0.003	<0.003
1,1-Dichloroethylene, mg/l	<0.7	0.003	<0.003
Methyl ethyl ketone, mg/l	<200.0	0.010	<0.010
Tetrachloroethylene, mg/l	<0.7	0.003	<0.003
Trichloroethylene, mg/l	<0.5	0.003	<0.003
Vinyl chloride, mg/l	<0.2	0.005	<0.005
TCLP SEMIVOLATILES			
2,4-Dinitrotoluene, mg/l	<0.13	0.003	<0.003
o-Cresol, mg/l	<200.0	0.003	<0.003
m-Cresol, mg/l	<200.0	0.003	<0.003
p-Cresol, mg/l	<200.0	0.003	<0.003
Cresol, mg/l	<200.0	0.003	<0.003
Hexachlorobenzene, mg/l	<0.13	0.003	<0.003
Hexachlorobutadiene, mg/l	<0.5	0.003	<0.003
Hexachloroethane, mg/l	<3.0	0.003	<0.003
Nitrobenzene, mg/l	<2.0	0.003	<0.003
Pentachlorophenol, mg/l	<100.0	0.003	<0.003
Pyridine, mg/l	<5.0	0.003	<0.003
2,4,5-Trichlorophenol, mg/l	<400.0	0.003	<0.003
2,4,6-Trichlorophenol, mg/l	<2.0	0.003	<0.003

Quality Control Information

<u>Parameter</u>	<u>Sample Preservation</u>	<u>EPA (2) Method</u>	<u>C.V. %</u>	<u>Standard Deviation</u>	<u>Spike Recovery %</u>	<u>Date of Analysis</u>	<u>Time of Analysis</u>	<u>Analyst</u>
Ignitability	None Required	7.1.2.2	N/A	N/A	N/A	01/03/96	10:00AM	M. McGaugh
Corrosivity	None Required	9045	0.0	± 0.00	N/A	01/03/96	12:30PM	M. McGaugh
Reactivity								
Cyanides	None Required	7.3.3.2	0.0	± 0.00	22	01/03/96	10:00AM	S. Freeman
Sulfides	None Required	7.3.4.2	7.3	± 0.57	98	01/03/96	10:00AM	S. Freeman
TCLP Metals								
Extraction		1311				12/29/95	5:00PM	D. Bernhard
Metals Digestion - ICP		9010				01/02/96	10:00AM	D. Bernhard
Metals Digestion - Mercury		7470				01/02/96	11:00AM	J. Marconi

Mr. Tim Jenkins
Page 3
January 3, 1996

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**OLD HUBBS
OFFICE**

SAMPLE NUMBER:

55521

Quality Control Information (Continued)

<u>Parameter</u>	<u>Sample Preservation</u>	<u>EPA (2) Method</u>	<u>C.V.%</u>	<u>Standard Deviation</u>	<u>Spike Recovery%</u>	<u>Date of Analysis</u>	<u>Time of Analysis</u>	<u>Analyst</u>
TCLP Metals								
Arsenic	Cool to 4°C	8010	0.2	± 0.002	101	01/02/96	2:40PM	D. Bernhard
Barium	Cool to 4°C	8010	0.4	± 0.004	93	01/02/96	2:40PM	D. Bernhard
Cadmium	Cool to 4°C	8010	0.8	± 0.007	97	01/02/96	2:40PM	D. Bernhard
Chromium	Cool to 4°C	8010	0.3	± 0.003	99	01/02/96	2:40PM	D. Bernhard
Lead	Cool to 4°C	8010	1.1	± 0.01	101	01/02/96	2:40PM	D. Bernhard
Mercury	Cool to 4°C	7470	1.9	± 0.002	99	01/02/96	3:11PM	J. Marconi
Selenium	Cool to 4°C	8010	0.5	± 0.005	97	01/02/96	2:40PM	D. Bernhard
Silver	Cool to 4°C	8010	0.3	± 0.001	98	01/02/96	2:40PM	D. Bernhard
TCLP Volatiles	Cool to 4°C	8260				01/03/96	11:43AM	K. Richmond
ZHE Extraction		1311				01/02/96	5:16PM	K. Richmond
Matrix Spikes:								
Benzene			1.44	± 0.290	101			
Carbon Tetrachloride			1.16	± 0.262	113			
Chlorobenzene			5.74	± 1.061	92			
Chloroform			4.31	± 0.856	99			
1,4-Dichlorobenzene			2.37	± 0.516	109			
1,2-Dichloroethane			7.71	± 1.541	100			
1,1-Dichloroethylene			2.56	± 0.495	97			
Methyl ethyl ketone			4.84	± 0.969	100			
Tetrachloroethylene			3.41	± 0.750	110			
Trichloroethylene			2.21	± 0.495	112			
Vinyl chloride			11.71	± 2.256	86			
Surrogates:								
Fluorobenzene		N/A	N/A	N/A	103			
Toluene-d8		N/A	N/A	N/A	102			
Bromofluorobenzene		N/A	N/A	N/A	99			
TCLP								
SemiVolatiles	Cool to 4°C	8270				01/02/96	8:26PM	F. Coskey
Extraction		1311				12/29/95	5:00PM	D. Bernhard
Liquid-Liquid Extraction		3520				12/31/95	10:15AM	E. Boateng
Matrix Spikes:								
o-Cresol			7.0	± 8.80	60			
m-Cresol & p-Cresol			4.0	± 7.76	93			
2,4,5-Trichlorophenol			12.0	± 18.04	73			
2,4,6-Trichlorophenol			12.0	± 17.56	71			
Pentachlorophenol			2.0	± 9.23	103			
1,4-Dichlorobenzene			5.0	± 5.45	53			

Mr. Tim Jenkins
Page 4
January 3, 1996

SAMPLE NUMBER: 55521

Quality Control Information (Continued)

<u>Parameter</u>	<u>Sample Preservation</u>	<u>EPA (2) Method</u>	<u>C.V. %</u>	<u>Standard Deviation</u>	<u>Spike Recovery %</u>	<u>Date of Analysis</u>	<u>Time of Analysis</u>	<u>Analyst</u>
TCLP								
SemiVolatiles	Cool to 4°C	8270				01/02/96	8:26PM	F. Coskey
Matrix Spikes:								
2,4-Dinitrotoluene			7.0	± 12.25	91			
Hexachlorobenzene			3.0	± 4.62	83			
Hexachlorobutadiene			4.0	± 3.68	53			
Hexachloroethane			6.0	± 6.71	54			
Nitrobenzene			3.0	± 3.95	62			
Pyridine			2.0	± 2.08	48			
Surrogates:								
2-Fluorophenol			N/A	N/A	40			
Phenol-d ₅			N/A	N/A	90			
Nitrobenzene-d ₅			N/A	N/A	59			
2-Fluorobiphenyl			N/A	N/A	67			
2,4,6-Tribromophenol			N/A	N/A	110			
Terphenyl-d ₁₄			N/A	N/A	93			

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**OLD HUBBS
OFFICE**

- Using the criteria of Ignitability, Reactivity, Corrosivity and Toxicity characteristics, this sample of waste is not hazardous.
- ** Not ignitable using the criteria applied for not a liquid sample. (Section 7.1.2.2)
- (1) < = Less than Detection Limit.
- (2) EPA. 1986. Test Methods for Evaluating Solid Waste. SW-846, 3rd Edition.

Respectfully submitted,

Kendall K. Brown

Kendall K. Brown
President

Prepared By S. Doster
Reviewed By Shelly Weems

Environmental Laboratories
Bethany Tech Center • Suite 190
400 W. Bethany Rd. • Allen, Texas 75013

January 3, 1996

REPORT OF: Soil Analysis

REPORT TO: Mr. Tim Jenkins
Brown & Caldwell
1415 Louisiana
Houston, TX 77002

PROJECT NAME: BJ Services
Artesia, NM

PROJECT NUMBER: 2988-26

SAMPLE I.D.: See Below

SAMPLE DATE: See Below
SAMPLE TIME: See Below
SAMPLE RECEIVED: December 29, 1995
TIME RECEIVED: 9:00AM
SAMPLE COLLECTED BY: TLJ - Customer

SAMPLE NUMBER: See Below

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JOD HUBBS
OFFICE**RESULTS:**

<u>Sample Number</u>	<u>Sample I.D.#</u>	<u>Sample Date</u>	<u>Sample Time</u>	<u>TPH -Diesel (mg/kg)</u>
55520	10' X 10' North	12/27/95	2:00PM	16
55521	15' @ N. Face	12/27/95	12:00PM	54
Detection Limits				5.0

Quality Control Information

<u>Parameter</u>	<u>Sample Preservation</u>	<u>EPA Method</u>	<u>G.V.%</u>	<u>Standard Deviation</u>	<u>Spike Recovery%</u>	<u>Date of Analysis</u>	<u>Time of Analysis</u>	<u>Analyst</u>
TPH - Diesel	Cool to 4°C	8015	14.4	± 0.613	85	01/02/96	6:17PM	K. Richmond
Sample Number:	55520							
Surrogates:								
Trifluorotoluene			N/A	N/A	80			

Local: (214) 727-1123

Long Distance: (800) 228-ERMJ

FAX: (214) 727-1175



**THE REPRODUCTION OF
THE
FOLLOWING
DOCUMENT (S)
CANNOT BE IMPROVED
DUE TO
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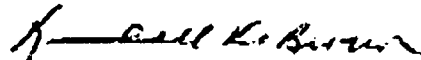
Mr. Tim Jenkins
Page 2
January 3, 1996

SAMPLE NUMBERS: 55520-55521

Quality Control Information (Continued)

<u>Parameter</u>	<u>Sample Preservation</u>	<u>EPA Method</u>	<u>C.V. %</u>	<u>Standard Deviation</u>	<u>Spike Recovery %</u>	<u>Date of Analyses</u>	<u>Time of Analyses</u>	<u>Analyst</u>
Sample Number:	55521							
Surrogates:								
Trifluorotoluene			N/A	N/A	86			

Respectfully submitted,



Kendall K. Brown
President

Prepared By Shelly Pope
Reviewed By Shelly Weems

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JAN 2
OCD HUBB.
OFFICE

District I - (505) 393-6161
P. O. Box 1940
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

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

Form C-138
Originated 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator <u>NowSCO Well Service</u>
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site <u>NowSCO Hwy 114 Lovelland, TX</u>
2. Management Facility Destination <u>GOO-YEA LAND FARM</u>	6. Transporter <u>RHINO ENVIRONMENTAL</u>
3. Address of Facility Operator <u>PO Box 2327 HOBBS, NM</u>	8. State <u>TEXAS</u>
7. Location of Material (Street Address or ULSTR) <u>1 1/2 mile West on Hwy 114 Lovelland, Texas</u>	
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:

PETROLEUM CONTAMINATED SOILS FROM CLOSED YARD-
GENERATED FROM CATCH BASIN OF CLEANING
OPERATIONS.

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AUG 28 1995

UCC HOBBS
OFFICE

Estimated Volume 6 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: Royce Cooper, Jr
Waste Management Facility Authorized Agent

TITLE: Vice President

DATE: 8/25/95

TYPE OR PRINT NAME: ROYCE COOPER, JR

TELEPHONE NO. 505-392-4498

(This space for State Use)

APPROVED BY: [Signature]

TITLE: Environ. Eng.

DATE: 8/29/95

APPROVED BY: [Signature]

TITLE: GEOLOGIST

DATE: 9-7-95

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AUG 5 8 1995

OFFICE
UCD HOBBS

RECEIVED

AUG 29 1995

UCD HOBBS
OFFICE

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

REQUEST FOR TEXAS WASTE CODE
FOR SHIPMENT OF
CLASS 1, 2, 3 AND EPA HAZARDOUS WASTE

Pursuant to the generator notification requirements of 30 TAC Section 336.6, the generator of a solid waste is required to submit to the TNRCC detailed written information pertaining to the composition and characteristics of the waste.

Please type or print legibly:

Harold K. Haro
Nowco Well Service Inc.
600 N. Marienfeld ste. 114
Midland Texas 79701
(915) 682-3788

GENERATOR CONTACT PERSON
GENERATOR COMPANY NAME
GENERATOR MAILING ADDRESS
CITY, STATE, ZIP CODE
PHONE NO. (915) 682-3788

LEAVE BLANK IF NOT REGISTERED	
XXXXXX Solid Waste Registration No.	*Are you CERCLA? ☐ Yes ☐ No
U.S. EPA Identification No.	Are you Industrial? ☐ Yes ☐ No
	If Industrial, have you submitted TNRCC Initial Notification packet? ☐ Yes ☐ No
	Date submitted:

Generating Site Location () Check 1 space to show 1 1/2 mile W. on Hwy 114
LEVELLAND TEXAS 79331 (STREET ADDRESS OR PHYSICAL DESCRIPTION)
Designated Treatment, Storage, and/or Disposal Facility Name and Address GARDNER LANDFARM,
5 MILES NORTH OF BARKER, TX

- DESCRIPTION OF WASTE
(do not use DOT description of waste names)
- 6 cubic yards of petroleum hydrocarbons contaminated soil. (oil)
 -
 -
 -

TNRCC USE ONLY		TEXAS WASTE CODES			
For TNRCC Assignment of Texas Waste Code Number	FORM CODE	CLASS CODE	EPA CODE	OTHER CODE	
D6V74892	489	2		2	

GENERATOR/REPRESENTATIVE
I certify that the above information is correct to the best of my knowledge.
1. Harold K Haro, an employee of
Nowco Well Service Inc.
600 N. Marienfeld ste. 114
Midland Texas 79701
and am authorized to sign this certification for:
Nowco Well Service Inc.

PROCESSED DATE: 8-8-95
PROCESSED BY: [Signature]
TNRCC REGION: [Signature] OFFICE

Mail to: TNRCC
1 A HW, Waste Evaluation Section
Waste Report Audit Team
P.O. Box 13087
Austin, Texas 78711-3087
Phone: (512) 236-8532 FAX: (512) 236-4410

[Signature] 7/30/95 (915) 682-3788
(SIGNATURE) (DATE) (PHONE NUMBER)

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AUG 29 1995
OLD HOBBS
OFFICE

**ANACHEM INC.**

8 Prestige Circle, Suite 104 • Allen, Texas 75002
214/727-9003 • FAX # 214/727-9686 • 1-800-966-1186

Customer Name: Rhino Environmental, Inc.
Date Received: May 13, 1995 at 09:27:41
Date Reported: May 26, 1995
Submission #: 9505000140
Project: NASCO

SAMPLES The submission consisted of 1 sample with sample I.D. shown in the attached data table.

TESTS The sample listed in the attached result pages was analyzed for:

- * CORROSIVITY (EPA 9040)
- * IGNITABILITY (ASTM D92)
- * MERCURY DIGESTION (EPA 7470)
- * MICROWAVE DIGESTION (EPA 3015)
- * REACTIVITY (FULL)
- * TCLP HERBICIDES (EPA 8150A)
- * TCLP NON-VOLATILE EXTRACTION (EPA 1311)
- * TCLP PESTICIDES (EPA 8080A)
- * TCLP RCRA MERCURY (EPA 7470)
- * TCLP RCRA METALS (EPA 6010)
- * TCLP SEMI-VOLATILES (EPA 8270)
- * TCLP VOLATILES (EPA 8260)
- * TCLP ZHE FOR VOLATILE ORGANICS (EPA 1311)
- * TPH (EPA 418.1)

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AUG 29 1995

UCD HOBBS
OFFICE**Distribution Of Reports**

2-Royce Cooper of Rhino Environmental, Inc.
Ph. 505-392-4498 Fax 505-392-4498

Submission #: 9505000140 lms

Respectfully Submitted,
Anachem, Inc.

James D. Lynch
James D. Lynch, Ph.D.
Chemist

C.E. Newton
C.E. Newton, Ph.D.
Chemist

NOTE: Submitted material will be retained for 60 days unless notified or consumed in analysis. Material determined to be hazardous will be returned or a \$20 disposal fee will be assessed. Our letters and reports are for the exclusive use of the client to whom they are addressed. The use of our name must receive our prior written approval. Our letters and reports apply to the sample tested and/or inspected, and are not necessarily indicative of the qualities of apparently identical or similar materials.

Client Name: Rhino Environmental, Inc.
 Submission #: 9505000140
 Project Name: NASCO
 Report Date: 05/26/95

Client Sample #: TS-1

Laboratory ID #: 47353 Matrix: Soil
 Sample Container: 4x4oz EPA Approved Glass Jar\White lid
 Sampling Location: HWY 114 WEST LOVELAND, TX
 Sampling Date: 05/12/95
 Temperature (Celcius): 4

CORROSIVITY (EPA 9040)

Analyte	Results	Detection Limit
Corrosivity	3.3	

IGNITABILITY (ASTM D92)

Ignitability: DOES NOT IGNITE (75 F); DOES NOT PRESENT A HAZARD
 FLASH POINT IS >140 F. SAMPLE PRODUCES SPARKES IN AN OPEN FLAME, BUT
 DOES NOT BURN OR IGNITE

MERCURY DIGESTION (EPA 7470)

Mercury Digestion Date: 05/23/95

MICROWAVE DIGESTION (EPA 3015)

Microwave Digestion Date: 05/23/95

REACTIVITY (FULL)

Reactive Cyanide (EPA 9010): <0.2 mg/kg
 Reactive Sulfide (EPA 9030): <0.3 mg/kg
 Reactivity To Air: Negative
 Reactivity To Diluted HCl: Negative
 Reactivity To Diluted NaOH: Negative
 Reactivity To Water: Negative

TCLP HERBICIDES (EPA 8150A)

Prep Date: 05/19/95

C.A.S.#	Analyte	Results(mg/l)	Detection Limit	Haz.Limit
94-75-7	2,4-D	<0.010	0.010	10
93-72-1	2,4,5-TP (Silvex)	<0.003	0.003	1

TCLP NON-VOLATILE EXTRACTION (EPA 1311)

TCLP Extraction Date: 05/23/95

TCLP PESTICIDES (EPA 8080A)

Prep Date: 05/17/95

C.A.S.#	Analyte	Results(mg/l)	Detection Limit	Haz.Limit
58-89-9	gamma-BHC (Lindane)	<0.010	0.010	0.04
57-74-9	Chlordane	<0.010	0.010	0.03
72-20-8	Endrin	<0.010	0.010	0.02
76-44-8	Heptachlor	<0.005	0.005	0.008
1024-57-3	Heptachlor Epoxide	<0.005	0.005	0.008
72-43-5	Methoxychlor	<0.010	0.010	10.0
8001-35-2	Toxaphene	<0.010	0.010	0.5

TCLP RCRA MERCURY (EPA 7470)

C.A.S.#	Analyte	Results(mg/l)	Detection Limit	Haz.Limit
7439-97-6	TCLP Mercury	<0.0004	0.0004	0.2

TCLP RCRA METALS (EPA 6010)

C.A.S.#	Analyte	Results(mg/l)	Detection Limit	Haz.Limit
7440-38-2	Arsenic	<0.044	0.044	5
7440-39-3	Barium	1.42	0.045	100
7440-43-9	Cadmium	<0.044	0.044	1
7440-47-3	Chromium	0.105	0.0146	5
7439-92-1	Lead	0.229	0.0424	5
7482-49-2	Selenium	<0.026	0.026	1
7440-39-2	Silver	<0.012	0.012	5

Client Name: Rhino Environmental, Inc.
 Submission #: 9505000140
 Project Name: NASCO
 Report Date: 05/26/95

TCLP SEMI-VOLATILES (EPA 8270)

Prep Date: 05/18/95

C.A.S.#	Analyte	Results(mg/l)	Detection Limit	Haz Limit
no C.A.S.	Cresol (Total)	<1.0	1.0	200.0
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.20	0.20	0.5
67-72-1	Hexachloroethane	<0.10	0.10	3.0
98-95-3	Nitrobenzene	<0.50	0.50	2.0
87-86-5	Pentachlorophenol	<0.20	0.20	100.0
110-86-1	Pyridine	<0.50	0.50	5.0
95-95-4	2,4,5-Trichlorophenol	<0.50	0.50	400.0
88-06-2	2,4,6-Trichlorophenol	<0.50	0.50	2.0

TCLP VOLATILES (EPA 8260)

C.A.S.#	Analyte	Results(mg/l)	Detection Limit	Haz Limit
71-43-2	Benzene	0.12	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6.0
106-46-7	1,4-Dichlorobenzene	<0.10	0.10	7.5
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethylene	<0.10	0.10	0.7
78-93-3	Methyl Ethyl Ketone	<0.10	0.10	200.0
127-18-4	Tetrachloroethylene	<0.10	0.10	0.7
79-01-6	Trichloroethylene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

TCLP ZHE FOR VOLATILE ORGANICS (EPA 1311)

TCLP ZHE Extraction Date: 05/13/95

TPH (EPA 418.1)

Prep Date: 05/15/95

Analyte	Results(mg/kg)	Method Detection Limit
Total Petroleum Hydrocarbons	16000	10

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Report To: Rhino Environmental Services
 Lab Number: 9505000140
 Page 4 of 5

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Project: NASCO

VOLATILE ORGANICS QUALITY CONTROL DATA

<u>METHOD</u>	<u>ANALYST</u>	<u>MATRIX</u>	<u>DATE EXTRACTED</u>	<u>DATE ANALYZED</u>		
8260	Howard Hayden	Liquid (TCLP)	----	5/14/95		
<u>SPIKE COMPOUND</u>	<u>SPIKE AMOUNT</u>	<u>% REC 1</u>	<u>% REC 2</u>	<u>% REC QC LIMIT</u>	<u>% VAR.</u>	<u>% VAR QC LIMIT</u>
1,1-Dichloroethene	20 ppb	111	116	80-120	4.3	20.0
Trichloroethene	20 ppb	116	108	80-120	6.9	20.0
Benzene	20 ppb	113	114	80-120	0.88	20.0
Toluene	20 ppb	111	113	80-120	1.8	20.0
Chlorobenzene	20 ppb	113	117	80-120	3.4	20.0

SEMI-VOLATILES QUALITY CONTROL DATA

<u>METHOD</u>	<u>ANALYST</u>	<u>MATRIX</u>	<u>DATE EXTRACTED</u>	<u>DATE ANALYZED</u>		
8270	Dennis Shaw	Liquid (TCLP)	5/18/95	5/18/95		
<u>SPIKE COMPOUND</u>	<u>SPIKE AMOUNT</u>	<u>% REC 1</u>	<u>% REC 2</u>	<u>% REC QC LIMIT</u>	<u>% VAR.</u>	<u>% VAR QC LIMIT</u>
Phenol	200 ppb	55.1	69.9	20-220	21.2	42.0
2-Chlorophenol	200 ppb	49.2	61.3	46-248	19.7	40.0
Acenaphthene	100 ppb	53.5	69.8	47-145	23.3	31.0
Pyrene	100 ppb	63.4	74.0	52-125	14.3	31.0

PESTICIDES QUALITY CONTROL DATA

<u>METHOD</u>	<u>ANALYST</u>	<u>MATRIX</u>	<u>DATE EXTRACTED</u>	<u>DATE ANALYZED</u>		
8080	Jim Lynch	Liquid (TCLP)	5/17/95	5/18/95		
<u>SPIKE COMPOUND</u>	<u>SPIKE AMOUNT</u>	<u>% REC 1</u>	<u>% REC 2</u>	<u>% REC QC LIMIT</u>	<u>% VAR.</u>	<u>% VAR QC LIMIT</u>
TCMX	0.40 ppm	63.1	85.7	50-130	26.4	30

Report To: Rhino Environmental Services
 Lab Number: 9506000140
 Page 5 of 5

Project: NASCO

HERBICIDES QUALITY CONTROL DATA

<u>METHOD</u>	<u>ANALYST</u>	<u>MATRIX</u>	<u>DATE EXTRACTED</u>	<u>DATE ANALYZED</u>		
8150	Jim Lynch	Liquid (TCLP)	5/19/95	5/23/95		
<u>SPIKE COMPOUND</u>	<u>SPIKE AMOUNT</u>	<u>% REC 1</u>	<u>% REC 2</u>	<u>% REC QC LIMIT</u>	<u>% VAR.</u>	<u>% VAR QC LIMIT</u>
Silvex	0.5 ppm	98.0	107	40-150	8.4	35

QUALITY CONTROL DATA

TPH results are reported in parts per million (ppm) in solid.

	Value 1	Value 2	% Var.
TPH:	16000	16600	3.6

CONCENTRATION UNITS: TPH - ppm

DETECTION LIMITS: TPH - 10

<u>ANALYST</u>	<u>ANALYTE</u>	<u>DATE EXTRACTED</u>	<u>DATE ANALYZED</u>
Anthony Taylor	TPH	5/15/95	5/15/95

QUALITY CONTROL DATA

<u>ANALYTE</u>	<u>DATE ANALYZED</u>	<u>SPIKE (ppm)</u>	<u>STAND. DEV.</u>	<u>COEFF. OF VAR %</u>	<u>REC1/%</u>	<u>REC2/%</u>
Silver	5/24/95	4.0	0.006	0.2	91.3	91.5
Arsenic	5/24/95	4.0	0.227	5.7	96.3	104.3
Barium	5/24/95	4.0	0.127	3.5	87.2	91.7
Cadmium	5/24/95	4.0	0.050	1.4	90.4	92.2
Chromium	5/24/95	4.0	0.043	1.1	91.0	92.6
Lead	5/24/95	4.0	0.082	2.2	91.9	94.8
Selenium	5/24/95	4.0	0.211	5.6	91.0	98.5
Mercury	5/23/95	---	0.134	2.1	116	112
Reactive Cyanide	5/15/95	2	0.101	9.7	60	52
Reactive Sulfide	5/15/95	570	0	0	80	106

Standard Deviation = $(x1-x2)/1.414$
 Coefficient of Variability (%) = $(S.D./Avg.) \times 100$
 Recovery (%) = $[(\text{spiked}-\text{unspiked})/\text{expected}] \times 100$

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Tightness Tests
Removals
New Installations
Repairs
Remedial Services
Contaminated Soils Disposal
Leak Detection

Wayne Price
Oil Conservation Division
PO Box 1940
Hobbs, NM 88240

August 25, 1995

Re: Nowsco Well Services
Levelland, Texas

Dear Wayne,

I am requesting approval to dispose of the attached non-exempt material at Goo-Yea Landfarm. The Request for Approval Form C-138 along with the analytical report and Texas Waste Code for this material is attached.

If you have any questions, please call me at 505-392-4498.

Sincerely,

Royce Cooper, Jr.

Royce Cooper, Jr.

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CERTIFICATE OF WASTE STATUS**NON-EXEMPT WASTE MATERIAL**ORIGINATION LOCATION: NEWSCO Well ServiceSOURCE: Petroleum contaminated soils from catch basinDISPOSAL LOCATION: Goo Yee Landfarm

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

I, the undersigned as the agent for the Newsco Well Service
T.C. concur with the status of the waste from the subject site.

Name: HAROLD K. HARDTitle: SOUTHWEST REGION Safety CoordinatorAddress: 600 N. MAHONDALE
STE 114 AUSTIN TEXAS 78701Signature: Harold K. HardDate: Sept. 17/1995

JUL 31 '95 05:41PM 5
05/15/1994 02:25 5053924463

RHINO

PAGE 3 02
P. 2

JUL-28-95 FRI 9:14 AM UCD HOBBS

JUL-28-95 FRI 9:07 AM OIL CONSERVATION DIV. 510

FAX NO. 1505392420
FAX NO. 5056278177

P 2

Director I - (505) 393-6101
P.O. Box 1940
Hobbs, NM 88241-1900
Director II - (505) 749-1383
411 S. First
Artesia, NM 88210
Director III - (505) 334-6170
1000 Rio Grande Road
Alamogordo, NM 87410
Director IV - (505) 827-7131

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

Form C-138
Originated 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

5806 GP 8/7/95

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator <u>KECH OIL</u>
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site <u>CROUCH STATION</u>
2. Management Facility Destination <u>GOO-YEA LANDFARM</u>	6. Transporter <u>RHINO</u>
3. Address of Facility Operator <u>P.O. Box 2327 Hobbs, NM</u>	7. State <u>NEW MEXICO</u>
7. Location of Material (Street Address or USTRA)	<u>SEC 20-185-36E</u>
8. Circle One: A. All requests for approval to accept off-site exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

CRUDE OIL CONTAMINATED SOILS
FROM AROUND PIPELINE PUMPS
AT CROUCH STATION.

Estimated Volume 50 cu yd. Net Weight Volume (to be entered by the operator at the end of the haul) _____ cu yd.

SIGNATURE: [Signature] TITLE: Vice President DATE: 8/3/95
TYPE OR PRINT NAME: ROYCE COOPER, JR. TELEPHONE NO. 505-392-4498

(This space for State Use)
APPROVED BY: [Signature] TITLE: Env. Engr. DATE: 8/7/95
APPROVED BY: [Signature] TITLE: GEOLOGIST DATE: 8/8/95

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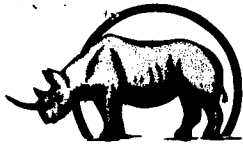
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Tightness Tests
Removals
New Installations
Repairs
Remedial Services
Contaminated Soils Disposal
Leak Detection

Wayne Price
Oil Conservation Division
PO Box 1940
Hobbs, NM 88240

August 3, 1995

Re: Koch Oil

Dear Wayne,

I am requesting approval to dispose of the attached non-exempt material at Goo-Yea Landfarm. The Request for Approval Form C-138 along with the analytical report for this material is attached.

If you have any questions, please call me at 505-392-4498.

Sincerely,

Royce Cooper, Jr.

cc: Paul Holland/Koch Oil

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118 S. Commercial Ave.
Farmington, NM 87401
505-326-4669
FAX 505-326-4535

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FAX 505-326-4535

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505-326-4669
FAX 505-326-4535

Telephone 505-583 3174 Water Court.

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PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401

TCLP ANALYSIS REPORT

Company: Koch Pipeline
Address: 2121 French Dr.
City, State: Hobbs, NM 88241

Date: 5/25/95
Lab #: H2040

Project Name: not given
Location: Crouch Sta.
Sampled by: RS
Sample Type: Soil

Date: not given
Sample Condition: Intact

Sample ID: Crouch Sta.

TCLP ORGANICS

PARAMETER	RESULT	EPA LIMIT	UNITS
Pyridine	<0.002	5.00	ppm
o-Cresol	<0.002	200	ppm
m,p-Cresol	<0.002	200	ppm
Hexachloroethane	<0.002	3.00	ppm
Nitrobenzene	<0.002	2.00	ppm
Hexachloro-1,3-butadiene	<0.002	0.500	ppm
2,4,6-Trichlorophenol	<0.002	2.00	ppm
2,4,5-Trichlorophenol	<0.002	400	ppm
2,4-Dinitrotoluene	<0.002	0.130	ppm
Hexachlorobenzene	<0.002	0.130	ppm
Pentachlorophenol	<0.002	100	ppm
Vinyl chloride	<0.001	0.20	ppm
1,1-Dichloroethylene	<0.001	0.70	ppm
Methyl ethyl ketone	0.01	200	ppm
Chloroform	<0.001	6.00	ppm
1,2-Dichloroethane	<0.001	0.50	ppm
Benzene	<0.001	0.50	ppm
Carbon tetrachloride	<0.001	0.50	ppm
Trichloroethylene	<0.001	0.50	ppm
Tetrachloroethylene	<0.001	0.70	ppm
Chlorobenzene	<0.001	100	ppm
1,4-Dichlorobenzene	<0.001	7.50	ppm

TCLP INORGANICS (Leachate)

PARAMETER	RESULT	EPA LIMIT	UNITS
Silver	0.13	5.0	ppm
Arsenic	<0.1	5.0	ppm
Barium	0.72	100.0	ppm
Cadmium	<0.1	1.0	ppm
Chromium	<0.1	5.0	ppm
Mercury	0.090	0.2	ppm
Lead	<0.1	5.0	ppm
Selenium	<0.1	1.0	ppm

HAZARDOUS WASTE CHARACTERIZATION

PARAMETER	RESULT	EPA LIMIT	UNITS
Ignitability (Pensky-Martens Closed Cup)	>140	140	F
Corrosivity, (pH)	8.36	<2.0 or >12.5	
Reactivity (H ₂ S)	0.05		ppm
Reactivity (HCN)	0.10		ppm
METHODS: TCLP ORGANICS - EPA 8260/8270			
METHODS: TCLP INORGANICS (Leachate) - EPA 1311/7000			
METHODS: HWC - EPA SW 846			

Hope S. Moreno
Hope S. Moreno

5-25-95
Date

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PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401

FINAL ANALYSIS REPORT

 Company: Koch Pipeline
 Address: 2121 French
 City, State: Hobbs, NM 88241

 Date: 6/2/95
 Lab #: H2040

 Project Name: not given
 Location: Crouch Sta.
 Sampled by: RS
 Analyzed by: HM
 Sample Type: Soil

 Date: not given Time: not given
 Date: 6/2/95 Time: 8:36
 Sample Condition: Intact Units: mg/kg

Samp #	FIELD CODE	TRPHC
1	Crouch Sta.	74,878.6

QC Recovery	420.1
QC Spike	405.9
Accuracy	103.5%

 Methods - INFRARED SPECTROSCOPY
 - EPA SW-846; 418.1, 3540 OR 3510

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6-2-95
 Date

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