

NM1 - 4

C-138

YEAR(S):

1996-1994 & 1991

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 Electric Submersible Pumps
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site Hobbs, NM
2. Management Facility Destination Loco Hills Water Disposal, Inc.	6. Transporter <u>SONNY'S</u> Trucking
3. Address of Facility Operator Loco Hills,	8. State New Mexico
7. Location of Material (Street Address or ULSTR) 8426 N. Dal Paso Hobbs, 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:

The waste is an aqueous rinsate derived from washing the portions of submersible pumps that are exposed to downhole fluids;
Small amounts of diluted Hydrochloric Acid are used to remove scales from the inside portion of the submersible pump;
Etc.

RECEIVED

APR 01 1996

LOCO HOBBS
OFFICE

Estimated Volume 350 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: James R. Maloney TITLE: Vice President DATE: 3/24/96
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: James R. Maloney TELEPHONE NO. 505-677-2118

(This space for State Use)

APPROVED BY: [Signature] TITLE: ENV ENGR DATE: 4/4/96
APPROVED BY: [Signature] TITLE: GEOLOGIST DATE: 4/4/96

District I - (505) 393-6161
P. O. Box 1940
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REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒	4. Generator Electric Submersible Pumps 5. Originating Site Hobbs, NM 6. Transporter SONNY'S Trucking 8. State New Mexico
2. Management Facility Destination Loco Hills Water Disposal, Inc.	
3. Address of Facility Operator Loco Hills,	
7. Location of Material (Street Address or ULSTR) 8426 N. Dal Paso Hobbs, NM	
STEVEN DENSON 392 7999	
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. <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.	

BRIEF DESCRIPTION OF MATERIAL:

The waste is an aqueous rinsate derived from washing the portions of submersible pumps that are exposed to downhole fluids; Small amounts of diluted Hydrochloric Acid are used to remove scales from the inside portion of the submersible pump; Etc.

RECEIVED

JAN 29 1996

UDD HOBBS
OFFICE

Estimated Volume 250 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: James R. Maloney TITLE: Vice President DATE: 1/24/96
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: James R. Maloney TELEPHONE NO. 505-677-2118

(This space for State Use)

APPROVED BY: [Signature] TITLE: Env Eng DATE: 1/27/96

APPROVED BY: [Signature] TITLE: GEOLOGIST DATE: 2/5/96

5628 SR 12/15/95

District I - (505) 393-6161
P. O. Box 1940
Hobbs, NM 88241-1980
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New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

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DEC 18 1995
OIL CONSERVATION DIVISION

Form C-138
Originated 4/18/95
Submit Original
Plus 1 Copy
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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator Electric Submersible Pumps
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site Hobbs, NM
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The waste is an aqueous rinsate derived from washing the portions of submersible pumps that are exposed to downhole fluids; Small amounts of diluted Hydrochloric Acid are used to remove scales from the inside portion of the submersible pump; Etc.

RECEIVED
DEC 14 1995
UCC HOBBS
OFFICE

Estimated Volume 250 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: James R. Maloney TITLE: Vice President DATE: 12/11/95
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: James R. Maloney TELEPHONE NO. 505-677-2118

(This space for State Use)

APPROVED BY: <u>[Signature]</u>	TITLE: <u>FRANK FUSA</u>	DATE: <u>12/15/95</u>
APPROVED BY: <u>[Signature]</u>	TITLE: <u>GEOLOGIST</u>	DATE: <u>12/20/95</u>

District I - (505) 393-6161
P. O. Box 1940
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811 S. First
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District IV - (505) 827-7131

5 AM SF 11/1/95
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
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to appropriate
District Office

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OCT 30 2 AM 8 52

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator Electric Submersible Pumps
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site Hobbs, NM
2. Management Facility Destination Loco Hills Water Disposal, Inc.	6. Transporter Rowland Trucking
3. Address of Facility Operator Loco Hills,	8. State New Mexico
7. Location of Material (Street Address or ULSTR) 8426 N. Dal Paso Hobbs, NM	
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Etc.

RECEIVED
OCT 30 1995
UCD HOBBS
OFFICE

Estimated Volume 250 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: James R. Maloney TITLE: Vice President DATE: 10/25/95
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: James R. Maloney TELEPHONE NO. 505-677-2118

(This space for State Use)		
APPROVED BY: <u>[Signature]</u>	TITLE: <u>ENR ENR</u>	DATE: <u>11/1/95</u>
APPROVED BY: <u>[Signature]</u>	TITLE: <u>GEOLOGIST</u>	DATE: <u>11/3/95</u>

District I - (505) 393-6161
P. O. Box 1940
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Aztec, NM 87410
District IV - (505) 827-7131

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

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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 Electric Submersible Pumps
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site Hobbs, NM
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The waste is an aqueous rinsate derived from washing the portions of submersible pumps that are exposed to downhole fluids; Small amounts of diluted Hydrochloric Acid are used to remove scales from the inside portion of the submersible pump; Etc.

ANALYTICAL ON FILE - OK
JL

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SEP 22 1995
UCD HOBBS
OFFICE

Estimated Volume 250 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: James R. Maloney TITLE: Vice President DATE: 9/19/95
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: James R. Maloney TELEPHONE NO. 505-677-2118

(This space for State Use)		
APPROVED BY: <u>[Signature]</u>	TITLE: <u>Environ Engin</u>	DATE: <u>9/22/95</u>
APPROVED BY: <u>[Signature]</u>	TITLE: <u>GEOLOGIST III</u>	DATE: <u>10-4-95</u>

DISTRICT I
170 New 1000
Hobbs, NM 87401-1000

DISTRICT II
170 New 1000
Hobbs, NM 87401-1000

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

DISTRICT III
1000 Rio Arriba Rd.
Alamogordo, NM 87410

DISTRICT IV
170 New 1000
Santa Fe, NM 87504-2000

SENT '3F 7/10/95

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: <u>Yes</u> <u>No</u>	4. Generator Electric Submersible Pumps	
2. Destination Loco Hills Water Disposal	5. Name of Originating Site Hobbs, NM Facility	
3. Address of Facility Operator Loco Hills, New Mexico	6. Name of Transporter Rowland Trucking	
7. Location of Material (Street Address or ULSTR) 8426 N. Dal Paso, Hobbs,	8. State New Mexico 88240	
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-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. <u>C</u> All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.		

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JUL 06 1995

UCC HOBBS
OFFICE

ANALYSIS ON FILE IN HOBBS

Estimated Volume 250 BBL cv Known Volume (to be entered by the operator at the end of the haul):
I hereby certify that the information above is true and complete to the best of my knowledge and belief.
SIGNATURE James R. Maloney TITLE VP DATE 7-5-95
TYPE OR PRINT NAME JAMES R MALONEY TELEPHONE NO. 677-2118

Lines space for State Use

APPROVED BY [Signature] TITLE ENR. ENGR. DATE 7-10-95

APPROVED BY [Signature] TITLE Env. Bureau Chief DATE 7/13/95

CONDITIONS OF APPROVAL, IF ANY:

SENT BY 6/12/95

OIL CONSERVATION DIVISION

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STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

6/12/95 PM 8 52

DISTRICT III
1000 Rio Grande Rd.
Albuquerque, NM 87110

DISTRICT IV
1000 Rio Grande Rd.
Santa Fe, NM 87504-200

DISTRICT I
1000 Rio Grande Rd.
Albuquerque, NM 87110-1000

DISTRICT II
1000 Rio Grande Rd.
Albuquerque, NM 87110-1000

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐	4. Generator Electric Submersible Pumps	
2. Destination Loco Hills Water Disposal	5. Name of Originating Site Hobbs, NM Facility	
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The waste is an aqueous rinsate derived from washing the portions of submersible pumps that are exposed to downhole fluids; Small amounts of dilute Hydrochloric Acid are used to remove scales from the inside portion of the submersible pump; Etc.

SAVE VERBAL APPROVAL 6/12/95
CALLED CHRIS JUSTICE - OK

Estimated Volume 200 BBL Known Volume (to be entered by the operator at the end of the haul): _____

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE James R. Maloney TITLE VP DATE 6/8/95

TYPE OR PRINT NAME JAMES R. MALONEY TELEPHONE NO. 677-2118

This space for State Use

APPROVED BY [Signature] TITLE EDWIN EDWIN DATE 6/12/95

APPROVED BY [Signature] TITLE Geologist DATE 6-9-95

ELECTRIC SUBMERSIBLE PUMPS, INC.
POST OFFICE BOX 596
HOBBS, NM 88241
TELEPHONE NUMBER: (505) 392-7999
FAX NUMBER: (505) 392-8190

FAX NUMBER: _____
DATE: 4-19-95 ATTN: Wayne Price
COMPANY NAME: O.C.D.
FROM: ESP-Hobbs
COMMENTS: Water analysis
NUMBER OF PAGES: 5 (INCLUDING FAX COVER SHEET)

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APR 20 1995

UCD HOBBS
OFFICE

03/23/95

17:32

NO. 061 001



LUBBOCK CHRISTIAN UNIVERSITY INSTITUTE OF WATER RESEARCH

5801 19th Street • Lubbock, TX 79407 • P.O. Drawer 18051 • Lubbock, TX 79490-8051
(806) 798-8900 • 1-800-678-8901 • Fax (806) 798-8902

**ANALYTICAL RESULTS FOR
WRIGHT SOUTHWEST ENVIRONMENTAL
ATTN: JIM WRIGHT
416 W. WALL STREET, STE. 1716
MIDLAND, TX 79701
FAX TO: 915-687-0067**

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APR 20 1995
OFFICE

Receiving Date: 03/07/95
Reporting Date: 03/14/95
Project Number: EBP
Project Name: NONE GIVEN
Project Location: NONE GIVEN
Lab Number: L3638-1
Sample ID: HOBBEP 1

Analysis Date: 03/23/95
Sampling Date: 03/02/88
Sample Type: WATER
Sample Condition: COOL & INTACT
Sample Received By: MANNY
Analyzed By: MANNY

TCLP VOLATILES (ppm)	EPA LIMIT	Detection Limit	Sample Result L3638-1	Method Blank	QC	%IA	True Value QC
Vinyl chloride	0.20	0.001	<0.001	<0.001	110.8	111	100
1,1-Dichloroethylene	0.70	0.001	<0.001	<0.001	108.8	109	100
Methyl ethyl ketone	200.00	0.001	<0.001	<0.001	127.7	128	100
Chloroform	8.00	0.001	<0.001	<0.001	112.6	113	100
1,2-Dichloroethane	0.50	0.001	<0.001	<0.001	110.8	111	100
Benzene	0.60	0.001	<0.001	<0.001	84.5	86	100
Carbon tetrachloride	0.50	0.001	<0.001	<0.001	111.9	112	100
Trichloroethylene	0.60	0.001	<0.001	<0.001	99.4	99	100
Tetrachloroethylene	0.70	0.001	<0.001	<0.001	97.6	98	100
Chlorobenzene	100.00	0.001	<0.001	<0.001	101.5	102	100
1,4-Dichlorobenzene	7.60	0.001	<0.001	<0.001	100.5	101	100

	% Recovery	Relative Percent Difference
Dibromofluoromethane	MI	6
Toluene - d8	9	7
Bromofluorobenzene	3	0

**METHODS: EPA 8W-848-8280, 1311
MI-Matrix Interference**

[Signature]
Manuel Garbalena, Chemist

3/14/95
Date

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

04/19/95 18:15

2 505 392 8190

P.03

APR-17-95 MON 09:45 AM WRIGHT SOUTHWEST

915 687 0067

P.E

04/13/95 15:00

NO. 135 001



LUBBOCK CHRISTIAN UNIVERSITY INSTITUTE OF WATER RESEARCH

5801 18th Street • Lubbock, TX 79407 • P.O. Drawer 18051 • Lubbock, TX 79480-6051
(806) 798-8900 • 1-800-678-8901 • Fax (806) 798-8902

ANALYTICAL RESULTS FOR
WRIGHT SOUTHWEST ENVIRONMENTAL
ATTN: JIM WRIGHT
415 W. WALL STREET, STE. 1715
MIDLAND, TX 79701
FAX TO: 816-687-0067

Receiving Date: 03/07/95
Reporting Date: 04/13/95 •
Project Number: ESP
Project Name: NONE GIVEN
Project Location: NONE GIVEN

Sampling Date: 03/02/95
Sample Type: WATER
Sample Condition: COOL & INTACT
Sample Received By: MANNY
Analyzed By: WL / GAP

LAB NUMBER SAMPLE ID REACTIVITY CORROSIVITY IGNITABILITY
H2S/mg/L HCN/mg/L (pH) (°F)

ANALYSIS DATE:	04/13/95	04/13/95	04/13/95	04/13/95
L3838-1 HOBESP 1	<600	<250	7.18	>140
Quality Control	NR	NR	6.97	NR
True Value QC	NR	NR	7.00	NR
% Accuracy	NR	NR	100	NR
Relative Percent Difference	NR	NR	0	NR

METHOD: EPA 8W 848-7.3, 7.2, 1010
• Request for ROI analysis by Jim Wright on 04/13/95

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APR 20 1995

COOPER'S
OFFICE

Wei Li

Wei Li, Chemist

4-13-95

Date:

PLEASE NOTE: LUBBOCK CHRISTIAN UNIVERSITY'S LIABILITY AND CLIENT'S EXCLUSION REMEDY FOR ANY CLAIM ARISING, WHETHER BASED IN CONTRACT OR TORT, SHALL BE LIMITED TO THE AMOUNT PAID BY THE CLIENT FOR THE ANALYSIS. ALL claims, including those for negligence and any other claims whatsoever shall be deemed waived unless made in writing and received by LCUWIR within 90 days after completion of the analysis service. In no event shall LCUWIR be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client or its subsidiaries, affiliates or successors arising out of or related to the performance of services rendered by LCUWIR, regardless of whether such claim is based upon any of the above stated methods of allocation.

9038-AD-018

03/30/95 16:05 09156004159 ESP
 MAR-28-95 TUE 08148 AM WRIGHT SOUTHWEST
 03/27/95 18122

ESP HOBBS
 915 687 8067

P.04

002/00
 P

NO. 268 001



LUBBOCK CHRISTIAN UNIVERSITY INSTITUTE OF WATER RESEARCH

6801 19th Street • Lubbock, TX 79407 • P.O. Drawer 18051 • Lubbock, TX 79400-6051
 (806) 796-8900 • 1-800-678-8901 • Fax (806) 796-8902

ANALYTICAL RESULTS FOR
 WRIGHT SOUTHWEST ENVIRONMENTAL
 ATTN: JIM WRIGHT
 416 W. WALL STREET, STE. 1718
 MIDLAND, TX 79701
 FAX TO: 915-687-0067

Receiving Date: 03/07/95
 Reporting Date: 03/27/95
 Project Number: ESP
 Project Name: NONE GIVEN
 Project Location: NONE GIVEN
 Sample ID: HOBBES
 Lab Number: L3838-1

Sampling Date: 03/02/95
 Sample Type: WATER
 Sample Condition: COOL & INTACT
 Sample Received By: MANNY
 Analyzed By: GL

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Detection Limit	Sample Result L3838-1	Method Blank	QC	%IA	True Value QC
Pyridine	5.00	0.002	<0.002	<0.002	48.4	99	50
1,4-Dichlorobenzene	7.50	0.002	<0.002	<0.002	50.1	100	50
o-Cresol	200	0.002	<0.002	<0.002	49.6	99	50
m, p-Cresol	200	0.002	<0.002	<0.002	98.0	98	100
Hexachloroethane	3.00	0.002	<0.002	<0.002	49.9	100	50
Nitrobenzene	2.00	0.002	<0.002	<0.002	49.9	99	50
Hexachloro-1,3-butadiene	0.500	0.002	<0.002	<0.002	50.2	100	50
2,4,6-Trichlorophenol	2.00	0.002	<0.002	<0.002	50.9	101	50
2,4,5-Trichlorophenol	400	0.002	<0.002	<0.002	42.2	84	50
2,4-Dinitrophenol	0.130	0.002	<0.002	<0.002	44.2	92	50
Hexachlorobenzene	0.130	0.002	<0.002	<0.002	50.9	102	50
Pentachlorophenol	100	0.002	<0.002	<0.002	44.2	88	50

	% RECOVERY	RELATIVE PERCENT DIFFERENCE
Fluorophenol	101	1
Phenol-45	99	2
Nitrobenzene-45	99	1
2-Fluorophenyl	99	1
2,4,5-Trichlorophenol	103	2
Terphenyl-414	101	0

METHODS: EPA SW 846-8270

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LABORATORY
 OFFICE

[Signature]
 Gayle A. Foster, Chemist

03/27/95
 Date

PLEASE NOTE: LUBBOCK CHRISTIAN UNIVERSITY'S LABORATORY AND SERVICE DIVISIONS ARE NOT RESPONSIBLE FOR ANY CLAIMS ARISING OUT OF OR FROM THE USE OF THE ANALYTICAL RESULTS PROVIDED BY THE LABORATORY. THE ANALYST'S RESPONSIBILITY IS TO PROVIDE THE ANALYST WITH THE ANALYTICAL RESULTS IN A TIMELY MANNER. THE ANALYST'S RESPONSIBILITY IS TO PROVIDE THE ANALYST WITH THE ANALYTICAL RESULTS IN A TIMELY MANNER. THE ANALYST'S RESPONSIBILITY IS TO PROVIDE THE ANALYST WITH THE ANALYTICAL RESULTS IN A TIMELY MANNER.

04/19/95 13:16

Z 505 392 3190

P.05

MAR-14-95 TUE 02:34 PM WRIGHT SOUTHWEST

915 687 8867

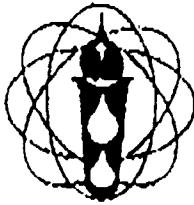
P.0

03/14/95

15:02

NO. 997

L001



LUBBOCK CHRISTIAN UNIVERSITY INSTITUTE OF WATER RESEARCH

5001 19th Street • Lubbock, TX 79407 • P.O. Drawer 18081 • Lubbock, TX 79490-0081
(806) 795-8900 • 1-800-678-8901 • Fax (806) 795-8902

ANALYTICAL RESULTS FOR
WRIGHT SOUTHWEST ENVIRONMENTAL
ATTN: JIM WRIGHT
418 W. WALL STREET, STE. 1715
MIDLAND, TX 79701
FAX TO: 915-687-0067

Receiving Date: 03/07/95
Reporting Date: 03/14/95
Project Number: ESP
Project Name: NONE GIVEN
Project Location: NONE GIVEN

Sampling Date: 03/02/95
Sample Type: WATER
Sample Condition: COOL & INTACT
Sample Received By: MANNY
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:	03/13/95	03/13/95	03/13/95	03/13/95	03/13/95	03/13/95	03/14/95	03/14/95
EPA LIMITS:	6	6	100	1	5.0	5.0	0.2	1.0
L8938-1 HOBESP 1	<0.1	<0.1	0.10	<0.1	<0.1	<0.1	<0.0002	<0.1
Quality Control	0.609	0.635	0.612	0.609	0.618	0.619	1.05	0.821
True Value QO	0.600	0.600	0.600	0.600	0.600	0.600	1.00	0.600
% Accuracy	102	107	102	102	103	104	105	104
Relative Percent Difference	1.9	9.4	1.6	3.9	6.6	6.6	5.1	10.8

(METHODS: EPA 600/4-91/010)	200.7	200.7	200.7	200.7	200.7	200.7	245.1	200.7
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APR 20 1995

Jane Huang
Jane Huang, Chemist

OFFICE

3-14-95
Date

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3838-1.XLS

03/30/95 18:05 9156994159
 MAR-28-95 TUE 08:48 AM WRIGHT SOUTHWEST
 03/27/95 18:22

ESP

ESP HORBS
 915 687 8067

002/C

NO. 868 08



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ANALYTICAL RESULTS FOR
 WRIGHT SOUTHWEST ENVIRONMENTAL
 ATTN: JIM WRIGHT
 416 W. WALL STREET, STE. 1715
 MIDLAND, TX 79701
 FAX TO: 915-687-0067

Receiving Date: 03/07/95
 Reporting Date: 03/27/95
 Project Number: ESP
 Project Name: NONE GIVEN
 Project Location: NONE GIVEN
 Sample ID: HOBESP
 Lab Number: T3838-T

Sampling Date: 03/02/95
 Sample Type: WATER
 Sample Condition: COOL & INTACT
 Sample Received By: MANNY
 Analyzed By: GL

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Detection Limit	Sample Result L8338-1	Method Blank	QC	%IA	True Value QC
Pyridine	5.00	0.002	<0.002	<0.002	49.4	99	50
1,4-Dichlorobenzene	7.60	0.002	<0.002	<0.002	50.1	100	50
o-Cresol	200	0.002	<0.002	<0.002	49.8	99	50
m, p-Cresol	200	0.002	<0.002	<0.002	95.0	95	100
Hexachlorocyclopentadiene	3.00	0.002	<0.002	<0.002	49.9	100	50
Nitrobenzene	2.00	0.002	<0.002	<0.002	49.9	99	50
Hexachloro-1,3-butadiene	0.800	0.002	<0.002	<0.002	50.2	100	50
2,4,6-Trichlorophenol	2.00	0.002	<0.002	<0.002	50.3	101	50
2,4,5-Trichlorophenol	400	0.002	<0.002	<0.002	49.3	94	50
2,4-Dinitrophenol	0.130	0.002	<0.002	<0.002	49.3	92	50
Hexachlorobenzene	0.130	0.002	<0.002	<0.002	50.9	102	50
Pentachlorophenol	100	0.002	<0.002	<0.002	44.2	88	50

	% RECOVERY	RELATIVE PERCENT DIFFERENCE
Phenolphthalein	101	1
Phenol	99	2
Nitrobenzene	99	1
2,4-Dinitrophenol	99	1
2,4,6-Trichlorophenol	103	3
Triphenyl	101	0

METHODS: EPA SW 846-8270

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OFFICE

03/27/95

[Signature]
 Gayle A. Feltz, Chemist

SPR 5P, 4/20/95

Submitted to: Appropriate
 District Office for Approval

DISTRICT I
 PO Box 1000
 Hobbs, NM 88240

DISTRICT II
 PO Box 1000
 Artesia, NM 88210

STATE OF NEW MEXICO
 ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
 OIL CONSERVATION DIVISION
 RECEIVED
 '95 APR 21 PM 6 52

DISTRICT III
 1000 Rio Arriba Rd.
 Aztec, NM 87410

DISTRICT IV
 PO Box 300
 Santa Fe, NM 87504-200

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐		4. Generator Electric Submersible Pumps
2. Destination Loco Hills Water Disposal		5. Name of Originating Site Hobbs, NM Facility
3. Address of Facility Operator Loco Hills, New Mexico		6. Name of Transporter Sonny's Trucking
7. Location of Material (Street Address or ULSTRI) 8426 N. Dal Paso, Hobbs,		8. State New Mexico 88240
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-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. ☒ C All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.		
All transporters must certify the wastes delivered are only those consigned for transport.		

BRIEF DESCRIPTION OF THE MATERIAL:

The waste is an aqueous rinsate derived from washing the portions of submersible pumps that are exposed to downhole fluids; Small amounts of dilute Hydrochloric Acid are used to remove scales from the inside portion of the submersible pump; Etc.

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Environmental Bureau
 Oil Conservation Division

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OCD HOBBS
 OFFICE

Estimated Volume 250 BBL cy Known Volume (to be entered by the operator at the end of the haul): _____

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE James R Maloney TITLE VP DATE 4/12/95

TYPE OR PRINT NAME JAMES R MALONEY TELEPHONE NO. 677-2118

(This space for State Use)

APPROVED BY [Signature] TITLE FRM FRM- D/SL I DATE 4/20/95

APPROVED BY [Signature] TITLE GEOLOGIST DATE 4/24/95

CONDITIONS OF APPROVAL, IF ANY:

ELECTRIC SUBMERSIBLE PUMPS, INC.
POST OFFICE BOX 596
HOBBS, NM 88241
TELEPHONE NUMBER: (505) 392-7999
FAX NUMBER: (505) 392-8190

FAX NUMBER: _____
DATE: 4-19-95 ATTN: Wayne Price
COMPANY NAME: O.C.D.
FROM: ESP-Hobbs
COMMENTS: water analysis
NUMBER OF PAGES: 5 (INCLUDING FAX COVER SHEET)

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APR 20 1995

UCD HOBBS
OFFICE

03/23/95

17:32

NO.061

001



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(806) 798-8900 • 1-800-678-8901 • Fax (806) 798-8902

ANALYTICAL RESULTS FOR
WRIGHT SOUTHWEST ENVIRONMENTAL
ATTN: JIM WRIGHT
416 W. WALL STREET, STE. 1715
MIDLAND, TX 79701
FAX TO: 915-687-0067

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OFFICE

Receiving Date: 03/07/95
Reporting Date: 03/14/95
Project Number: 88P
Project Name: NONE GIVEN
Project Location: NONE GIVEN
Lab Number: L3838-1
Sample ID: HOBE8P 1

Analysis Date: 03/23/95
Sampling Date: 03/02/95
Sample Type: WATER
Sample Condition: COOL & INTACT
Sample Received By: MANNY
Analyzed By: MANNY

TCLP VOLATILES (ppm)	EPA LIMIT	Detection Limit	Sample Result L3838-1	Method Blank	QC	%IA	True Value QC
Vinyl chloride	0.20	0.001	<0.001	<0.001	110.8	111	100
1,1-Dichloroethylene	0.70	0.001	<0.001	<0.001	108.8	109	100
Methyl ethyl ketone	200.00	0.001	<0.001	<0.001	127.7	128	100
Chloroform	6.00	0.001	<0.001	<0.001	112.6	113	100
1,2-Dichloroethane	0.50	0.001	<0.001	<0.001	110.8	111	100
Benzene	0.50	0.001	<0.001	<0.001	84.5	85	100
Carbon tetrachloride	0.50	0.001	<0.001	<0.001	111.9	112	100
Trichloroethylene	0.50	0.001	<0.001	<0.001	89.4	89	100
Tetrachloroethylene	0.70	0.001	<0.001	<0.001	97.6	98	100
Chlorobenzene	100.00	0.001	<0.001	<0.001	101.5	102	100
1,4-Dichlorobenzene	7.50	0.001	<0.001	<0.001	100.5	101	100

	% Recovery	Relative Percent Difference
Dibromofluoromethane	MI	6
Toluene - d8	9	7
Bromofluorobenzene	3	0

METHODS: EPA 8W-846-8280, 1311
MI-Matrix Interference

Manuel Garbalena
Manuel Garbalena, Chemist

3/14/95
Date

PLEASE NOTE: Liability and Damages. LCUWR's liability and client's are hereby limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by LCUWR within thirty (30) days after completion of the applicable work. In no event shall LCUWR 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 LCUWR, regardless of whether such claim is based upon any of the above stated causes of action.

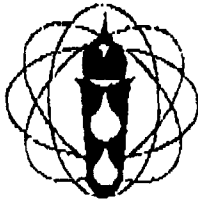
APR-17-95 MON 09:05 AM WRIGHT SOUTHWEST

915 687 0067

P.02

04/13/95 15:00

NO. 135 001



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ANALYTICAL RESULTS FOR
WRIGHT SOUTHWEST ENVIRONMENTAL
ATTN: JIM WRIGHT
415 W. WALL STREET, STE. 1715
MIDLAND, TX 79701
FAX TO: 915-687-0067

Receiving Date: 03/07/95
Reporting Date: 04/13/95 •
Project Number: ESP
Project Name: NONE GIVEN
Project Location: NONE GIVEN

Sampling Date: 03/02/95
Sample Type: WATER
Sample Condition: COOL & INTACT
Sample Received By: MANNY
Analyzed By: WL / GAP

LAB NUMBER	SAMPLE ID	REACTIVITY H2S/mg/L HCN/mg/L	CORROSIVITY (pH)	IGNITABILITY (°F)
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ANALYSIS DATE:	04/13/95	04/13/95	04/13/95	04/13/95
L3638-1	HOBESP 1	<600	<250	7.18
				>140
Quality Control		NR	NR	6.07
True Value QC		NR	NR	7.00
% Accuracy		NR	NR	100
Relative Percent Difference		NR	NR	0

METHOD: EPA SW 846-7.3, 7.2, 1010

• Request for RCI analysis by Jim Wright on 04/13/95

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COSTA
OFFICE

Wei Li

Wei Li, Chemist

4-13-95

Date

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3638-1D.XLS

04/19/95 18:15

2 505 392 8190

P.04

03/30/95 16:05 09150004159

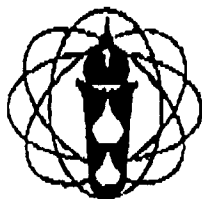
ESP

+++ ESP HOBBS
915 607 8067002/002
P.03

MAR-28-95 TUE 08148 AM WRIGHT SOUTHWEST

03/27/95 18:22

NO. 868 D01



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(806) 798-8900 • 1-800-678-8901 • Fax (806) 798-8902

ANALYTICAL RESULTS FOR
WRIGHT SOUTHWEST ENVIRONMENTAL
ATTN: JIM WRIGHT
418 W. WALL STREET, STE. 1718
MIDLAND, TX 79701
FAX TO: 915-687-0067

Receiving Date: 03/07/95
Reporting Date: 03/27/95
Project Number: ESP
Project Name: NONE GIVEN
Project Location: NONE GIVEN
Sample ID: HOBESP
Lab Number: L3838-1

Sampling Date: 03/02/95
Sample Type: WATER
Sample Condition: COOL & INTACT
Sample Received By: MANNY
Analyzed By: GL

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Detection Limit	Sample Result L3838-1	Method Blank	QC	%IA	True Value QC
Pyridine	5.00	0.002	<0.002	<0.002	48.4	99	50
1,4-Dichlorobenzene	7.50	0.002	<0.002	<0.002	50.1	100	50
o-Cresol	200	0.002	<0.002	<0.002	49.6	99	50
m, p-Cresol	200	0.002	<0.002	<0.002	55.0	98	100
Hexachloroethane	3.00	0.002	<0.002	<0.002	49.9	100	50
Nitrobenzene	2.00	0.002	<0.002	<0.002	49.9	99	50
Hexachloro-1,3-butadiene	0.500	0.002	<0.002	<0.002	50.2	100	50
2,4,6-Trichlorophenol	2.00	0.002	<0.002	<0.002	50.3	101	50
2,4,6-Trichlorophenol	400	0.002	<0.002	<0.002	42.2	84	50
2,4-Dinitrotoluene	0.130	0.002	<0.002	<0.002	46.2	92	50
Hexachlorobenzene	0.130	0.002	<0.002	<0.002	50.9	102	50
Pentachlorophenol	100	0.002	<0.002	<0.002	44.2	88	50

	% RECOVERY	RELATIVE PERCENT DIFFERENCE
Fluorophenol	101	1
Phenol-45	98	2
Nitrobenzene-45	99	1
2-Fluorophenyl	99	1
2,4,6-Trichlorophenol	103	2
Terphenyl-414	101	0

METHODS: EPA SW 846-8270

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Date

03/27/95

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Gayle A. Foster, Chemist

MAR-14-95 TUE 02:34 PM WRIGHT SOUTHWEST

915 687 8867

P.02

03/14/95 15:02

NO. 897 (231)



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(806) 796-8900 • 1-800-678-8901 • Fax (806) 796-8902

ANALYTICAL RESULTS FOR
WRIGHT SOUTHWEST ENVIRONMENTAL
ATTN: JIM WRIGHT
416 W. WALL STREET, STE. 1715
MIDLAND, TX 79701
FAX TO: 915-687-0067

Receiving Date: 03/07/95
Reporting Date: 03/14/95
Project Number: ESP
Project Name: NONE GIVEN
Project Location: NONE GIVEN

Sampling Date: 03/02/95
Sample Type: WATER
Sample Condition: COOL & INTACT
Sample Received By: MANNY
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:	03/13/95	03/13/95	03/13/95	03/13/95	03/13/95	03/13/95	03/14/95	03/14/95
EPA LIMITS:	5	5	100	1	5.0	5.0	0.2	1.0
L8838-1 HOBESP 1	<0.1	<0.1	0.10	<0.1	<0.1	<0.1	<0.0002	<0.1
Quality Control	0.509	0.535	0.512	0.509	0.519	0.519	1.05	0.521
True Value QC	0.500	0.500	0.500	0.500	0.500	0.500	1.00	0.500
% Accuracy	102	107	102	102	103	104	105	104
Relative Percent Difference	1.9	9.4	1.5	3.9	6.8	5.6	5.1	10.8

METHODS: EPA 800/4-01/010	200.7	200.7	200.7	200.7	200.7	200.7	245.1	200.7
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Jane Huang
Jane Huang, Chemist

OFFICE

3-14-95
Date

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3638-1.XLS

03/30/85 18:05 9156994150
MAR-28-95 TUE 08:48 AM WRIGHT SOUTHWEST
03/27/95 18122

ESP

ESP HORBS
915 687 8867

002/001
P.

NO. 062 081



LUBBOCK CHRISTIAN UNIVERSITY INSTITUTE OF WATER RESEARCH

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(806) 798-8900 • 1-800-878-8901 • Fax (806) 798-8902

ANALYTICAL RESULTS FOR
WRIGHT SOUTHWEST ENVIRONMENTAL
ATTN: JIM WRIGHT
416 W. WALL STREET, STE. 1716
MIDLAND, TX 79701
FAX TO: 915-687-0067

Receiving Date: 03/07/95
Reporting Date: 03/27/95
Project Number: ESP
Project Name: NONE GIVEN
Project Location: NONE GIVEN
Sample ID: HOBESP
Lab Number: L3833-1

Sampling Date: 02/02/95
Sample Type: WATER
Sample Condition: COOL & INTACT
Sample Received By: MANNY
Analyzed By: GL

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Detection Limit	Sample Result L3833-1	Method Blank	QC	%IA	True Value QC
Pyridine	5.00	0.002	<0.002	<0.002	49.4	99	50
1,4-Dichlorobenzene	7.60	0.002	<0.002	<0.002	50.1	100	50
o-Cresol	200	0.002	<0.002	<0.002	49.5	99	50
m, p-Cresol	200	0.002	<0.002	<0.002	95.0	98	100
Hexachloroethane	3.00	0.002	<0.002	<0.002	49.8	100	50
Nitrobenzene	2.00	0.002	<0.002	<0.002	49.9	99	50
Hexachloro-1,3-butadiene	0.600	0.002	<0.002	<0.002	50.2	100	50
2,4,6-Trichlorophenol	2.00	0.002	<0.002	<0.002	50.9	101	50
2,4,6-Trichlorophenol	400	0.002	<0.002	<0.002	49.2	84	50
2,4-Dinitrotoluene	0.130	0.002	<0.002	<0.002	48.2	92	50
Hexachlorobenzene	0.130	0.002	<0.002	<0.002	50.9	102	50
Pentachlorophenol	105	0.002	<0.002	<0.002	44.2	88	50

	% RECOVERY	RELATIVE PERCENT DIFFERENCE
Fluorophenol	101	1
Phenol-46	99	2
Nitrobenzene-46	99	1
2-Fluorobiphenyl	99	1
2,4,6-Trichlorophenol	103	2
Terphenyl-414	101	0

METHODS: EPA SW 846-8270

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03/27/95
Date

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DISTRICT I
1000 Rio Arriba Rd.
Hobbs, NM 87410

DISTRICT II
1000 Rio Arriba Rd.
Hobbs, NM 87410

Hobbs, NM 87410

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

OIL CONSERVATION DIVISION

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DISTRICT III
1000 Rio Arriba Rd.
Hobbs, NM 87410

DISTRICT IV
1000 Rio Arriba Rd.
Hobbs, NM 87410

SEWA ORIGINAL 2/28/95 5:57 PM 2 AM 8 52

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE	
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
2. Destination Loco Hills Water Disposal	4. Generator Electric Submersible Pumps
3. Address of Facility Operator Loco Hills, New Mexico	5. Name of Originating Site Hobbs, NM Facility
7. Location of Material (Street Address or ULSTR) 8426 N. Dal Paso, Hobbs,	6. Name of Transporter Rowland Trucking
	8. State New Mexico 88240
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-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. C All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF THE MATERIAL:

The waste is an aqueous rinsate derived from washing the portions of submersible pumps that are exposed to downhole fluids; Small amounts of dilute Hydrochloric Acid are used to remove scales from the inside portion of the submersible pump; Etc.

RECEIVED

FEB 27 1995

OCD HOBBS
OFFICE

ANALYTICAL ON FILE
Chris Callon Back gave verbal approval!
2/28/95 10:00 AM
called geol Maloney JJ

Estimated Volume 100 BBL Known Volume (to be entered by the operator at the end of the haul): _____

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE James L. Maloney TITLE VP DATE 2/23/95

TYPE OR PRINT NAME _____ TELEPHONE NO. _____

(This space for State Use)

APPROVED BY [Signature] TITLE ENVIRONMENTAL DATE 2/28/95

APPROVED BY [Signature] TITLE GEOLOGIST DATE 3/2/95

CONDITIONS OF APPROVAL, IF ANY:



MEMO

TO: Wayne Price, OCD
FROM: Steven Denson, E.S.P.
DATE: February 27, 1995
SUBJECT: Request for verbal approval of disposal

The E.S.P. Facility located at 8426 North Dal Paso, in Hobbs, New Mexico has submitted and had approved by the OCD, a Discharge Plan. This plan is designed to dispose of liquid waste derived from the rinsing of downhole submersible equipment. The liquid produced in this waste stream is sampled and a lab analysis done each year.

This waste stream has not changed since it was approved and will continue to operate in the same manner.

A handwritten signature in cursive script, appearing to read 'Steven Denson'.

Steven Denson
02/27/95

SWD/rw

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FEB 28 1995

**OCD HOBBS
OFFICE**

ELECTRIC SUBMERSIBLE PUMPS, INC.

8426 North Dal Paso P. O. Box 596 Hobbs, New Mexico 88241 505 392-7999 FAX 505-392-8190

DATE: 2/28/95

To CHRIS EUSTICE - NMOC
SAX 505-827-8177

From

WAYNE PRICE - ENVIRONMENTAL ENGR. - NMOC DISTRICT I

Energy & Minerals Department

Telephone Number 505-393-6161 FAX # 505-393-0720

- | | |
|---|---|
| ☐ For Your Files | ☐ Prepare a Reply for My Signature |
| ☐ For Your Review and Return | ☒ For Your Information |
| ☐ For Your Handling | ☐ For Your Approval |
| ☐ As Per Your Request | ☐ For Your Signature |
| ☐ Please Advise | ☐ For Your Attention |

CHRIS, THIS IS ESP'S
ANALYTICAL WORK; PLEASE
NOTE LETTER DATED 10/13/94

W Price

Wright Southwest Environmental Services

Suite 1715, Wilco Building

415 West Wall

Phone: 915/687-5500

Midland, Texas 79701

FAX: 915/687-0067

October 13, 1994

RECEIVED

Mr. Robert Lannom
Electric Submersible Pumps, Inc.
P.O. Box 80130
Midland, Texas 79709

FEB 28 1995

**UCD HOBBS
OFFICE**

RE: Hobbs Facility
Water Analyses

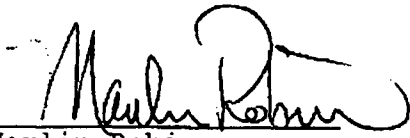
Dear Robert,

Attached are copies of the lab analyses for the samples that you brought in from the Hobbs Facility in August. The complete package including the chain of custody is included.

The information for the metals content is reported as total metal instead of the TCLP's that you obtained in the past. This was due in part because of the small volume of material in your samples. Not enough was available for the lab to perform the TCLP extraction. However, a good rule of thumb for comparing the numbers is that total metal is usually about 20 times the TCLP.

With past analyses on hand showing TCLP and no changes in the process at Hobbs, we believe that you can satisfy the annual testing requirement using this lesser expensive total metals analysis.

Sincerely,


Marlin Robinson

MDR:cg

Encl.

cc: ESP Hobbs



Analysis Date: 08/19/94
Sampling Date: 08/11/94
Sample Condition: COOL & INTACT
Sample Received By: JH
Analyzed By: JH

LCUIWR #	SAMPLE ID	MATRIX	TPH (ppm)
----------	-----------	--------	--------------

[illegible]

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FEB 28 1995
UCD HOBBS
OFFICE

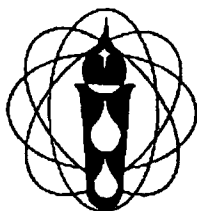
METHOD: EPA 418.1, 3510, 3540, or 3550; Infrared Spectroscopy

Jane Huang, Chemist

8-22-94
Date

PLEASE NOTE: Liability and Damages. LCUWR'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 the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by LCUWR within thirty (30) days after completion of the applicable service. In no event shall LCUWR 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 LCUWR, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

3041-1.XLS



**LUBBOCK CHRISTIAN UNIVERSITY
INSTITUTE OF WATER RESEARCH**

5601 19th Street • Lubbock, TX 79407 • P.O. Drawer 16051 • Lubbock, TX 79490-8051
(806) 796-8900 • 1-800-678-8901 • Fax (806) 796-8902

**ANALYTICAL RESULTS FOR
WRIGHT SOUTHWEST ENVIRONMENTAL
ATTN: JIM WRIGHT
415 WALL STREET, STE. 1715
MIDLAND, TX 79701
FAX TO: 915-687-0067**

Receiving Date: 08/15/94
Reporting Date: 08/22/94
Project Number: NONE GIVEN
Project Name: NONE GIVEN
Project Location: NONE GIVEN

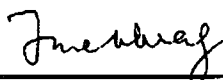
Sampling Date: 08/11/94
Sample Type: WATER
Sample Condition: COOL & INTACT
Sample Received By: JH
Analyzed By: JH

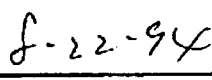
LCUIWR #	SAMPLE ID	Ba (ppm)	Cd (ppm)	Cr (ppm)	Pb (ppm)	Hg (ppm)
ANALYSIS DATE		08/17/94	08/17/94	08/17/94	08/17/94	08/18/94
L3041-3	ESPHOB3	8	1.9	67	33	0.01
Quality Control		0.508	0.538	0.504	0.514	0.96
True Value QC		0.500	0.500	0.500	0.500	1.00
% Accuracy		102		101	103	98
Relative Percent Difference		1		2	4	3
METHODS:		200.7	200.7	200.7	200.7	245.5

RECEIVED

FEB 28 1995

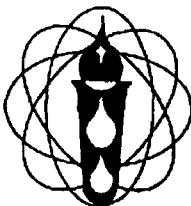
**UCD HOBBS
OFFICE**


Jane Juang, Chemist


Date

PLEASE NOTE: Liability and Damages. LCUIWR'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 the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by LCUIWR within thirty (30) days after completion of the applicable service. In no event shall LCUIWR 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 LCUIWR, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

3041-1A.XLS



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5601 19th Street • Lubbock, TX 79407 • P.O. Drawer 16051 • Lubbock, TX 79490-6051
(806) 796-8900 • 1-800-678-8901 • Fax (806) 796-8902

ANALYTICAL RESULTS FOR
WRIGHT SOUTHWEST ENVIRONMENTAL
ATTN: JIM WRIGHT
415 WALL STREET, STE. 1715
MIDLAND, TX 79701
FAX TO: 815-687-0067

RECEIVED
FEB 28 1995
OCD HOBBS
OFFICE

Receiving Date: 08/15/94
Reporting Date: 08/22/94
Project Number: NONE GIVEN
Project Name: NONE GIVEN
Project Location: NONE GIVEN

Analysis Date: 08/18/94
Sampling Date: 08/11/94
Sample Type: WATER
Sample Condition: COOL & INTACT
Sample Received By: JH
Analyzed By: WL

LCUWR #	SAMPLE ID	TDS (mg/L)	TSS (mg/L)	pH (mg/L)	Na (mg/L)	K (mg/L)
L3041-1	ESPHOB1	902	<3	7.48	57	15
L3041-2	ESPHOB2	3,314	50	5.28	340	31
	Quality Control	NR	NR	6.98	4.963	5.234
	True Value QC	NR	NR	7.00	5.000	5.000
	% Accuracy	NR	NR	99	99	105
	Relative Percent Difference	NR	0	NR	1	1

METHODS: EPA 600/4-79-020,	180.1	160.2	150.1	-	-
EPA 600/4-91-010,	-	-	-	200.7	200.7

		Ca (mg/L)	Cd (mg/L)	Cl ⁻ (mg/L)	SO ₄ (mg/L)	HC03 (mg/L)
L3041-1	ESPHOB1	89	<0.02	487.2	107.35	198.8
L3041-2	ESPHOB2	180	0.05	62.5	142.39	181.1
	Quality Control	5.233	0.538	0.97	46.45	NR
	True Value QC	5.000	0.500	1.0	50.00	NR
	% Accuracy	105	108	97	93	NR
	Relative Percent Difference	2	10	2	2	3.4

METHODS: EPA 600/4-79-020,	-	-	325.3	375.4	310.1
EPA 600/4-91-010,	200.7	200.7	-	-	-

Wei Li
Wei Li, Chemist

8-22-94
Date

PLEASE NOTE: Liability and Damages. LCUWR'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 the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by LCUWR within thirty (30) days after completion of the applicable service. In no event shall LCUWR 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 LCUWR, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

3041-1B.XLS

Wright Southwest Environmental Services

Suite 1715, Wilco Building

415 West Wall

Phone: 915/687-5300

Midland, Texas 79701

FAX: 915/687-0067

CHAIN OF CUSTODY RECORD

Sample Number ESP HOB1
ESP HOB2
ESP HOB3 Collection Date 8/11/94

Collector's Signature Steven Denson

Collector's Name Steven Denson

Collection Time 12⁰⁰ N

Location of Collection
HOBBS NM. ESP Facility

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FEB 28 1995

UCD HOBBS
OFFICE

Sample Type
3 - WATER well water; waste water; Road Blast MATH;

Other Information
ANALYSIS REQUEST ATTACHED

Relinquished by:	Date	Time	Received by:	Purpose
Steve Denson	8/14/94	1 ⁰⁰ p.m.	Robert W. Lannon	Transport
Robert Lannon	8/12/94	9 ⁰⁰ A	William W. Lannon	Send to Lab.
Michael Denson	8/12/94	5 ⁰⁰ P	Bus Depot	Ship
	8/15/94	10:45 AM	P. Lannon	Analysis

ANALYSIS REQUEST
WRIGHT SOUTHWEST ENVIRONMENTAL SERVICES
415 West Wall, Suite 1715
Midland, Texas 79701

SAMPLES:

ESPHOB1
ESPHOB2
ESPHOB3

1. ESPHOB1 - Water Well Sample
Analysis requested. TPH, TDS, TSS, pH, Na, K, Ca, Cd, Cl, SO₄,
HCO₃.
2. ESPHOB2 - Wash Bay Waste Water
Analysis requested. TPH, TDS, TSS, pH, Na, K, Ca, Cd, Cl, SO₄,
HCO₃.
3. ESPHOB3 - Bead Blast Waste
Analysis requested. Total metal conc. of following: Pb, Ba, Cr, Hg, Cd
and TPH.

If there are any questions, please contact Wright Southwest Environmental Services at
(915) 687-5500 prior to beginning the test.

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FEB 28 1995
OCD HOBBS
OFFICE


Marlin Robinson

LUBBOCK CHRISTIAN UNIVERSITY INSTITUTE OF WATER RESEARCH

5601 - 19th Street • Lubbock, Texas 79407
Tel (806) 796-8900 FAX (806) 796-8902

Page 1 of 1
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Project Manager: Phone #: 915/47-1170

BILL TO: Company:

Company Name: *Wright Southwest Environmental Services* Fax #:

Attn:

Address: City:

Address:

State: Zip Code: Project #:

City: State: Zip Code:

Project Location: Project Name:

Phone #:

ICUWR # (Lab Use Only)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX					PRESERVED TYPE					SAMPLING	
				WATER	SOIL	AIR	SLUDGE	OTHER	REF	REF	REF	REF	DATE	TIME	
L3041-1	ESPH1081	1		X										8/11/94	1:00 PM
-2	ESPH082	1		X										8/10/94	9:00 AM
-3	ESPH083	1		X										8/11/94	5:00 PM

ANALYSIS REQUEST		SPECIAL HANDLING
BTX / MTBE		
TPH		
TCLP Metals Ag As Ba Cd Cr Pb Hg Se		
Total Metals Ag As Ba Cd Cr Pb Hg Se		
Volatiles		
Semivolatiles		
TDS		
Hard TSS pH		
PCBs		
Pest. / Herb.		
ASBESTOS		
Na, K, Ca, Cd		
Cl, SO ₄ , HCL		

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FEB 29 1995
D.D. HOBBS
OFFICE

Sampler Signature:	Date: 8/15/94	Time: 11:00 AM	Delivered By: (Circle One) Use - Fedex - Bus - Other
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date: 8-15-94	Time: 10:30	Received By: <i>Samuel</i>

CUSTOMER COPY



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

BRUCE KING
GOVERNOR

POST OFFICE BOX 1880
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

DATE: 2/28/75

To CHRIS EUSTICE
FAX # 827-8177

From

WAYNE PRICE - ENVIRONMENTAL ENGR. - NM.O.C.D. DISTRICT I

Energy & Minerals Department

Telephone Number 505-393-6161 FAX # 505-393-0720

- | | |
|--|---|
| ☐ For Your Files | ☐ Prepare a Reply for My Signature |
| ☒ For Your Review and Return | ☐ For Your Information |
| ☐ For Your Handling | ☐ For Your Approval |
| ☐ As Per Your Request | ☐ For Your Signature |
| ☐ Please Advise | ☐ For Your Attention |

CHRIS THIS A VERBAL REQUEST
FROM ESP - ATTACHED IS THE
STATEMENT THAT THE WASTE STREAM
HAS NOT CHANGED:

PLEASE CALL BACK TODAY!

THANKS!

DISTRICT I

PO Box 1000

Hobbs, NM 88240-1000

DISTRICT II

PO Box 100

Alamogordo, NM 88211-0100

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

OIL CONSERVATION DIVISION
RECEIVED

94 DEC 15 AM 8 52

DISTRICT III

1000 Rio Rancho Rd.
Alamogordo, NM 87410

DISTRICT IV

PO Box 300

Santa Fe, NM 87504-200

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐	4. Generator Electric Submersible Pumps	
2. Destination Loco Hills Water Disposal	5. Name of Originating Site Hobbs, NM Facility	
3. Address of Facility Operator Loco Hills, New Mexico	6. Name of Transporter Rowland Trucking	
7. Location of Material (Street Address or ULSTR) 8426 N. Dal Paso, Hobbs,	8. State New Mexico 88240	
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-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. C All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.		

BRIEF DESCRIPTION OF THE MATERIAL:

The waste is an aqueous rinsate derived from washing the portions of submersible pumps that are exposed to downhole fluids; Small amounts of dilute Hydrochloric Acid are used to remove scales from the inside portion of the submersible pump; Etc.

analytical on file

RECEIVED
DEC 09 1994
OCD HOBBS
OFFICE

Estimated Volume 100 BBL cy Known Volume (to be entered by the operator at the end of the haul): _____

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE James R Maloney TITLE VP DATE 11/28/94

TYPE OR PRINT NAME JAMES R MALONEY TELEPHONE NO. 677-2118

(This space for State Use)

APPROVED BY [Signature] TITLE ENGR ENGR DATE 12/9/94

APPROVED BY [Signature] TITLE GEOLOGIST DATE 1-3-94

COMMENTS OF APPROVAL, IF ANY:

SENT SF 10/20/94

DISTRICT I
PO Box 1000
Albuquerque, NM 87103-1000

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

OIL CONSERVATION DIVISION
RECEIVED

DISTRICT III
1000 Rio Arriba Rd.
Albuquerque, NM 87103

DISTRICT II
PO Box 1000
Albuquerque, NM 87103-1000

94 OCT 26 AM 8 52

DISTRICT IV
PO Box 1000
Santa Fe, NM 87504-2000

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐	4. Generator Electric Submersible Pumps	
2. Destination Loco Hills Water Disposal	5. Name of Originating Site Hobbs, NM Facility	
3. Address of Facility Operator Loco Hills, New Mexico	6. Name of Transporter Rowland Trucking	
7. Location of Material (Street Address or ULSTR) 8426 N. Dal Paso, Hobbs,	8. State New Mexico 88240	
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-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.		

BRIEF DESCRIPTION OF THE MATERIAL:

The waste is an aqueous rinsate derived from washing the portions of submersible pumps that are exposed to downhole fluids; Small amounts of dilute Hydrochloric Acid are used to remove scales from the inside portion of the submersible pump; Etc.

RECEIVED
OCT 20 1994
OCD NUMBER
OFFICE

Estimated Volume 100 BBL cy Known Volume (to be entered by the operator at the end of the haul):

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE James L. Meloney TITLE VP DATE 10/18/94

TYPE OR PRINT NAME TELEPHONE NO.

(This space for State Use)
APPROVED BY [Signature] TITLE EVAN BASH DATE 10/20/94

APPROVED BY [Signature] TITLE GEOLOGIST DATE 10/27/94

CONDITIONS OF APPROVAL, IF ANY:

DISTRICT I
PO Box 1000
Hobbs, NM 88240-1000

DISTRICT II
PO Box 1000
Alamogordo, NM 88311-0000

OIL CONSERVATION DIVISION

RECEIVED

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

25 APR 8 50

DISTRICT III
1000 Rio Arriba Rd.
Alamogordo, NM 87410

DISTRICT IV
PO Box 2000
Santa Fe, NM 87504-2000

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐	4. Generator Electric Submersible Pumps	
2. Destination Loco Hills Water Disposal	5. Name of Originating Site Hobbs, NM Facility	
3. Address of Facility Operator Loco Hills, New Mexico	6. Name of Transporter Sonny's	
7. Location of Material (Street Address or ULSTR) 8426 N. Dal Paso, Hobbs,	8. State New Mexico 88240	
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BRIEF DESCRIPTION OF THE MATERIAL:

The waste is an aqueous rinsate derived from washing the portions of submersible pumps that are exposed to downhole fluids; Small amounts of dilute Hydrochloric Acid are used to remove scales from the inside portion of the submersible pump; Etc.

THIS THE REST OF THE WATER THAT WAS APPROVED
ON APRIL 28 1994 OK *James* gave verbal!

Estimated Volume 80 BBL Known Volume (to be entered by the operator at the end of the haul): _____
I hereby certify that the information above is true and complete to the best of my knowledge and belief.
SIGNATURE James R Maloney TITLE VP DATE 5/25/94
TYPE OR PRINT NAME JAMES R MALONEY TELEPHONE NO. 677-2118

(This space for State Use)
APPROVED BY [Signature] TITLE Environmental Engr DATE 5/25/94
APPROVED BY [Signature] TITLE Env Bureau Chief DATE 5/31/94

CONDITIONS OF APPROVAL, IF ANY:

CERTIFICATE OF WASTE STATUS

NON-EXEMPT WASTE MATERIAL

RECEIVED

APR 23 1994

OCCLUSION
OFFICE

Originating Location: Electric Submersible Pumps,
Hobbs, New Mexico

Source: Rinsate from cleaning produced materials
off submersible pumps.

Disposal Location: Loco Hills Water Disposal

Loco Hills, New Mexico

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. PROCESS KNOWLEDGE FOR THIS WASTE IS AS follows:

- the waste is an aqueous rinsate derived from washing the portions of submersible pumps that are exposed to down-hole production fluids;
- small amounts of dilute Hydrochloric Acid are used to remove scales from the inside portion of the submersible pump that is exposed to down-hole production fluids;
- the pH of the rinsate is kept above 6.5 by the addition of Soda Ash; and
- no liquid from the overflow collection sump of the outside containment area, that may have been contaminated with trace amounts of Xylene, has been pumped into the holding tank for disposal with this material.

I, the undersigned agent for Electric Submersible Pumps, Inc, concur that the above accurately characterizes the status of the waste from the Hobbs Facility.

Signature:

John R. [Signature]

Date: 4-13-94

Name:

STEVEN DENISON

Title:

OPERATIONS

SWL



SOUTHWESTERN LABORATORIES

1703 West Industrial Avenue * P.O. Box 2150, Midland, Texas 79702 * 915/683-3349

RECEIVED

Client Electric Submersible Pumps
P.O. Box 80130
Midland, Tx. 79709

Attn: Robert Lannom

Project Hobbs Station

Date Sampled 06/14/93

Sample Type Water

P.O. # _____

Lab No.
M3-06-166-01

APR 30 1993

**OLD HOBBS
OFFICE**

Client No. 6234720
Report No. M3-06-166
Report Date 07/01/93 09:52

Sampled By Steve Bennett Jensen

Transported by Robert Lannom

Date Received 06/17/93

Sample Identification
Waste Tank

Reviewed By

SOUTHWESTERN LABORATORIES

JACK H. BARTON

TCLP Metals & pH ok Recd 7/7/93

Order # M3-06-166

Page 3

07/01/93 09:52

TEST RESULTS BY SAMPLE

Client: Electric Submersible Pumps

Sample Description: Waste Tank

Lab No: 01A

Test Description: TCLP METALS

Method: SW-846

Test Code: TCLP_M

Collected: 06/14/93

RECEIVED

OCCUPATIONAL
OFFICE

<u>Element</u>	<u>Result</u>	<u>Regulatory Limit</u>	<u>Units</u>	<u>Date Started</u>	<u>Analyst</u>	<u>Method</u>
TCLP METALS						
ARSENIC	< 0.05	5.0	mg/L	06/30/93	GMB	SW-846, 7061
BARIUM	< 0.5	100	mg/L	06/30/93	GMB	SW-846, 7080
CADMIUM	< 0.1	1.0	mg/L	06/30/93	GMB	SW-846, 7130
CHROMIUM	< 0.2	5.0	mg/L	06/30/93	GMB	SW-846, 7190
LEAD	< 0.5	5.0	mg/L	06/30/93	GMB	SW-846, 7420
MERCURY	< 0.01	0.20	mg/L	06/28/93	GMB	SW-846, 7470
SELENIUM	< 0.05	1.0	mg/L	06/30/93	GMB	SW-846, 7741
SILVER	< 0.1	5.0	mg/L	06/30/93	GMB	SW-846, 7760

03/31/94 11:14

58994159

ESP

ESP HOBBS

003/C

Order # M3-06-166

07/01/93 09:52

Client: Electric Submersible Pumps

TEST RESULTS BY SAMPLE

Page 2

Sample: 01A Waste Tank

Collected: 06/14/93

Test Name

CORROSIVITY - pH

TCLP PREP.

<u>Method</u>	<u>Result</u>	<u>Units</u>	<u>Detection</u>	<u>Date</u>	<u>Analyst</u>
SW-846, 9040	5.29	pH Units	<u>Limit</u>	<u>Started</u>	
SW-846, 1311	06/23/93	Date		06/22/93	WJJ
				06/23/93	WCR

RECEIVED

APR 23 1994

**OLD HOBBS
OFFICE**

03/31/94

11:14

9158991139

ESP

ESP HOBBS

001/004

Post-It™ brand fax transmittal memo 7671		# of pages > 4
To	Steven Densen	
From	Robert Lennom	
Co.	ESP-Hobbs	
Co.	ESP-Midland	
Dept.	Phone # 915-699-7401	
Fax #	Fax # 915-699-4158	

RECEIVED

E.S.P. Wastewater Lab Test Results: SUMMARY - 1993
For E.P.A. Hazardous Waste Compliance

APR 23 1994

OFFICE

E.P.A. TOXIC WASTE
PARAMETER

E.P.A.
Regulatory
Limits(MG/L)

E.S.P.
Midland

E.S.P.
Snyder

E.S.P.
Hobbs

E.S.P.
Purcell

Arsenic	5.0000	<0.1	<0.1	<0.05	<0.5
Barium	100.0000	<1.00	<0.5	<0.5	<0.57
Cadmium	1.0000	<0.10	<0.10	<0.10	<0.01
Chromium	5.0000	<0.30	<0.50	<0.20	0.1100
Lead	5.0000	<1.00	<0.50	<0.50	0.1000
Mercury	0.2000	<0.01	<0.01	<0.01	0.0002
Selenium	1.0000	<0.10	<0.10	<0.05	<0.50
Silver	5.0000	<0.20	<0.10	<0.10	<0.01
pH-(corrosivity)	2.0<OK<12.5	8.9200	6.9400	6.2900	6.0900
SUMMARY...		OK	OK	OK	OK

Instructions for Applicants
 Instructions for Applicants

INSTRUCTIONS
 1. Fill in ()
 2. Fill in ()
 3. Fill in ()

INSTRUCTIONS
 1. Fill in ()
 2. Fill in ()
 3. Fill in ()

Instructions, NM 8204-200

OIL CONSERVATION DIVISION
 RECEIVED

'94 APR 28 11:08 50
 STATE OF NEW MEXICO
 DEPARTMENT OF MINERAL AND NATURAL RESOURCES
 DIVISION OF OIL CONSERVATION

RECEIVED

APR 26 1994

INSTRUCTION 21
 1000 Rio Rancho Rd.
 Alamo, NM 87110

INSTRUCTION IV
 101 Box 700
 Santa Fe, NM 87504-2000

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE	
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐	4. OFFICE Electric Submersible Pumps
2. Destination Loco Hills Water Disposal	5. Name of Originating Site Hobbs, NM Facility
3. Address of Facility Operator Loco Hills, New Mexico	6. Name of Transporter Sonny's Oilfield Service, Inc.
7. Location of Material (Street Address or ULSTR) 8426 N. Dal Paso, Hobbs,	8. State New Mexico 88240
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-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. C All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF THE MATERIAL:

The waste is an aqueous rinsate derived from washing the portions of submersible pumps that are exposed to downhole fluids; Small amounts of dilute Hydrochloric Acid are used to remove scales from the inside portion of the submersible pump; Etc.

Estimated Volume 180 Barrels/Month Known Volume (to be entered by the operator at the end of the hour) _____
 I hereby certify that the information above is true and complete to the best of my knowledge and belief.
 SIGNATURE James R. Maloney TITLE Vice President DATE 4/22/94
 TYPE OR PRINT NAME James R. Maloney TELEPHONE NO. 677-2118

(This space for State Use)

APPROVED BY Walter P. [Signature] TITLE ENVIRONMENTAL DATE 4/26/94
 APPROVED BY Roger [Signature] TITLE ENGR DATE 4/28/94

COPIES OF APPROVAL, IF ANY:

04-22-1994 10:05AM FROM

TO

13928190 P.02

CERTIFICATE OF WASTE STATUSNON-EXEMPT WASTE MATERIAL

RECEIVED

APR 26 1994

OCL HOBBS
OFFICE

Originating Location: Electric Submersible Pumps,
Hobbs, New Mexico

Source: Rinsate from cleaning produced materials
off submersible pumps.

Disposal Location: Loco Hills Water Disposal

Loco Hills, New Mexico

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. Process knowledge for this waste is as follows:

- the waste is an aqueous rinsate derived from washing the portions of submersible pumps that are exposed to down-hole production fluids;
- small amounts of dilute Hydrochloric Acid are used to remove scales from the inside portion of the submersible pump that is exposed to down-hole production fluids;
- the pH of the rinsate is kept above 6.5 by the addition of Soda Ash; and
- no liquid from the overflow collection sump of the outside containment area, that may have been contaminated with trace amounts of Xylene, has been pumped into the holding tank for disposal with this material.

I, the undersigned agent for Electric Submersible Pumps, Inc, concur that the above accurately characterizes the status of the waste from the Hobbs Facility.

Signature:

Steven DenisonDate: 4.13.94

Name:

Steven Denison

Title:

Manager

SWL



SOUTHWESTERN LABORATORIES

1703 West Industrial Avenue * P.O. Box 2150, Midland, Texas 79702 * 915/683-3349

RECEIVED

Client Electric Submersible Pumps
P.O. Box 80130
Midland, Tx. 79709

Attn: Robert Lannon

Project Hobbs Station

Date Sampled 06/14/93

Sample Type Water

P.O. # _____

Lab No.
M3-06-166-01

APR 26 1994

**OLD HOBBS
OFFICE**

Client No. 6234720
Report No. M3-06-166
Report Date 07/01/93 09:52

Sampled By Steve Dennis Denson

Transported by Robert Lannon

Date Received 06/17/93

Sample Identification
Waste Tank

Reviewed By

SOUTHWESTERN LABORATORIES

JACK H. BARTON

TCLP Metals & pH ok Ref 7/7/93

Order # M3-06-166

Page 3

07/01/93 09:52

TEST RESULTS BY SAMPLE

Client: Electric Submersible Pumps

Sample Description: Waste Tank

Lab No: 01A

Test Description: TCLP METALS

Method: SW-846

Test Code: TCLP_M

Collected: 06/14/93

RECEIVED

APR 26 1994

OCCUPATIONAL
OFFICE

<u>Element</u>	<u>Result</u>	<u>Regulatory Limit</u>	<u>Units</u>	<u>Date Started</u>	<u>Analyst</u>	<u>Method</u>
TCLP METALS						
ARSENIC	< 0.05	5.0	mg/L	06/30/93	GMB	SW-846, 7061
BARIUM	< 0.5	100	mg/L	06/30/93	GMB	SW-846, 7080
CADMIUM	< 0.1	1.0	mg/L	06/30/93	GMB	SW-846, 7130
CHROMIUM	< 0.2	5.0	mg/L	06/30/93	GMB	SW-846, 7190
LEAD	< 0.5	5.0	mg/L	06/30/93	GMB	SW-846, 7420
MERCURY	< 0.01	0.20	mg/L	06/28/93	GMB	SW-846, 7470
SELENIUM	< 0.05	1.0	mg/L	06/30/93	GMB	SW-846, 7741
SILVER	< 0.1	5.0	mg/L	06/30/93	GMB	SW-846, 7760

03/31/94

11:14

9158994159

ESP

ESP HOBBS

003/004

Order # M3-06-166

07/01/93 09:52

Client: Electric Submersible Pumps

TEST RESULTS BY SAMPLE

Page 2

Sample: 01A Waste Tank

Collected: 06/14/93

<u>Test Name</u>	<u>Method</u>	<u>Result</u>	<u>Units</u>	<u>Detection</u>	<u>Date</u>	<u>Limit</u>	<u>Started</u>	<u>Analyst</u>
CORROSIVITY - pH	SW-846, 9040	6.29	pH Units				06/22/93	WJJ
TCLP PREP.	SW-846, 1311	06/23/93	Date				06/23/93	WCR

RECEIVED**APR 26 1994****OLD HOBBS
OFFICE**

03/31/94

11:14

9158994131

ESP

→→→ ESP HOBBS

001/004

Post-It™ brand fax transmittal memo 7671

of pages = 4

To	Steven Denson	From	Robert Lennem
Co.	ESP-Hobbs	Co.	ESP-Midland
Dept.		Phone #	915-699-7401
Fax #		Fax #	915-699-4158

RECEIVED

E.S.P. Wastewater Lab Test Results: SUMMARY - 1993
For E.P.A. Hazardous Waste Compliance

APR 26 1994

OFFICE
E.S.P. Hobbs E.S.P. Purcell

E.P.A. TOXIC WASTE
PARAMETERE.P.A.
Regulatory
Limits(MG/L)E.S.P.
MidlandE.S.P.
SnyderE.S.P.
HobbsE.S.P.
Purcell

	5.0000	<0.1	<0.1	<0.05	<0.5
Arsenic					
	100.0000	<1.00	<0.5	<0.5	<0.57
Barium					
	1.0000	<0.10	<0.10	<0.10	<0.01
Cadmium					
	5.0000	<0.30	<0.50	<0.20	0.1100
Chromium					
	5.0000	<1.00	<0.50	<0.50	0.1000
Lead					
	0.2000	<0.01	<0.01	<0.01	0.0002
Mercury					
	1.0000	<0.10	<0.10	<0.05	<0.50
Selenium					
	5.0000	<0.20	<0.10	<0.10	<0.01
Silver					
	2.0 <OK<12.5	8.9200	6.9400	6.2900	6.0900
pH-(corrosivity)					
		OK	OK	OK	OK
SUMMARY...					

LOCO HILLS WATER DISPOSAL CO. OIL CONSERVATION DIVISION
P. O. Box 68
Loco Hills, NM 88255
RECEIVED

'91 MAY 30 AM 9 13

May 29, 1991

Mr. David G. Boyer
OIL CONSERVATION DIVISION
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

Re: Special Disposal Permit

Dear Mr. Boyer,

Loco Hills Water Disposal is requesting authorization from your office, granting permission to receive and dispose of, waste water describe in the enclosed analysis reports.

Thank you for your consideration.

Sincerely,

LOCO HILLS WATER DISPOSAL


James R. Maloney
Vice President

JRM:jbb

ASSAIGAI

ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

Page 1
Received: 05/08/91

REPORT
05/24/91 17:10:44

Work Order # 91-05-088

REPORT R & R RECYCLING
TO 502 MADDOX LOOP
BELEN, NM 87002

PREPARED Assaigai Analytical Labs
BY 7300 Jefferson NE
Albuquerque, NM 87109

ATTEN RAYMOND GETMAN

ATTEN THOMAS C. DYE
PHONE (505)345-8964

CONTACT LAB MANAGER

CLIENT RR01 SAMPLES 3
COMPANY R & R RECYCLING
FACILITY BELEN, NM 87002
RR01

QUESTIONS ABOUT THIS REPORT SHOULD BE ADDRESSED TO:
DIRECTOR OF LABORATORIES/ASSAIGAI ANALYTICAL
7300 JEFFERSON N.E., ALBUQUERQUE, N.M. 87109

WORK ID STATION 5, 7, & 8 7171
TAKEN
TRANS CLIENT
TYPE WATER
P.O. #
INVOICE under separate cover

SAMPLE IDENTIFICATION
01 STATION 5
02 STATION 7
03 STATION 8

TEST CODES and NAMES used on this workorder
TCLP 1 TCLP VOLATILE COMPOUNDS
TCLP 2 TCLP METALS
TCLP 3 TCLP BASE NEUTRAL ACIDS
TDS TOTAL DISSOLVED SOLID



ASSAIGAL

ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

Page 2

Received: 05/08/91

REPORT
Results by sample

Work Order # 91-05-088

SAMPLE ID STATION 5

SAMPLE # 01 FRACTIONS: A,B
Date & Time Collected not specified

Category

TDS 5700
MG/L



SAMPLE ID STATION 5

FRACTION 01B TEST CODE TCLP 1 NAME TCLP VOLATILE COMPOUNDS
Date & Time Collected not specified Category

PARAMETER	RESULT	DEF LIMIT	REG LMT
BENZENE	<0.01	0.01	0.5
CARBON TETRACHLORIDE	<0.01	0.01	0.5
CHLOROBENZENE	<0.01	0.01	100
CHLOROFORM	<0.01	0.01	6.0
1,2-DICHLOROETHANE	<0.01	0.01	0.5
1,1-DICHLOROETHYLENE	<0.01	0.01	0.7
METHYL ETHYL KETONE	<0.1	0.1	200
TETRACHLOROETHYLENE	<0.01	0.01	0.7
TRICHLOROETHYLENE	<0.01	0.01	0.5
VINYL CHLORIDE	<0.01	0.01	0.2

SURROGATE	%RECOVERY	LIMITS
4-BROMOFLUOROBENZENE	105	90 - 130
1,2-DICHLOROETHANE-d4	104	79 - 133
TOLUENE-d8	108	88 - 114

Notes and Definitions for this Report:

EXTRACTED 05/15/91
DATE RUN 05/20/91
ANALYST DD
UNITS MG/L



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ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

Page 4

Received: 05/08/91

SAMPLE ID STATION 5

REPORT
Results by Sample

Work Order # 91-05-088

FRACTION 01A TEST CODE TCLP 2 NAME TCLP METALS
Date & Time Collected not specified Category _____

PARAMETER	RESULT	DET LIMIT	REG LMT
ARSENIC	0.006	0.005	5.0
BARIUM	<0.20	0.20	100
CADMIUM	0.007	0.003	1.0
CHROMIUM	<0.02	0.02	5.0
LEAD	<0.10	0.10	5.0
MERCURY	<0.0002	0.0002	0.2
SELENIUM	<0.005	0.005	1.0
SILVER	<0.010	0.010	5.0

Notes and Definitions for this Report:

EXTRACTED 05/16/91
ANALYST JB
UNITS MG/L



SAMPLE ID STATION 5

FRACTION 01B TEST CODE TCLP 3 NAME TCLP BASE NEUTRAL ACIDS
Date & Time Collected not specified Category

PARAMETER	RESULT	DET LIMIT	REG LMT
O-CRESOL	<0.1	0.1	200
m-CRESOL	<0.1	0.1	200
p-CRESOL	<0.1	0.1	200
1,4-DICHLOROBENZENE	<0.1	0.1	7.5
2,4-DINITROTOLUENE	<0.1	0.1	0.13
HEXACHLOROBENZENE	<0.1	0.1	0.13
HEXACHLOROBUTADIENE	<0.1	0.1	0.5
HEXACHLOROETHANE	<0.1	0.1	3.0
NITROBENZENE	<0.1	0.1	2.0
PENTACHLOROPHENOL	<0.5	0.5	100
PYRIDINE	<0.1	0.1	5.0
2,4,5-TRICHLOROPHENOL	<0.1	0.1	400
2,4,6-TRICHLOROPHENOL	<0.1	0.1	2.0

SURROGATE	%RECOVERY	LIMITS
2-FLUOROBIPHENYL	120 Q	62 - 106
2-FLUOROPHENOL	102	44 - 120
NITROBENZENE	126 Q	51 - 125
PHENOL-d6	120 Q	52 - 118
TERPHENYL-d14	129	13 - 133

Notes and Definitions for this Report:

EXTRACTED 05/15/91
DATE RUN 05/22/91
ANALYST DD
UNITS MG/L



ASSAIGAL

ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

Page 6

Received: 05/08/91

REPORT
Results by Sample

Work Order # 91-05-088

SAMPLE ID STATION 7

SAMPLE # 02 FRACTIONS: A,B
Date & Time Collected not specified Category

TDS 1900
MG/L

Member: American Council of
Independent Laboratories, Inc.



SAMPLE ID STATION 7

FRACTION 02B TEST CODE TCLP 1 NAME TCLP VOLATILE COMPOUNDS
Date & Time Collected not specified Category _____

PARAMETER	RESULT	DET LIMIT	REG LMT
BENZENE	<0.01	0.01	0.5
CARBON TETRACHLORIDE	<0.01	0.01	0.5
CHLOROBENZENE	<0.01	0.01	100
CHLOROFORM	<0.01	0.01	6.0
1,2-DICHLOROETHANE	<0.01	0.01	0.5
1,1-DICHLOROETHYLENE	<0.01	0.01	0.7
METHYL ETHYL KETONE	<0.1	0.1	200
TETRACHLOROETHYLENE	<0.01	0.01	0.7
TRICHLOROETHYLENE	<0.01	0.01	0.5
VINYL CHLORIDE	<0.01	0.01	0.2

SURROGATE	%RECOVERY	LIMITS
4-BROMOFLUOROBENZENE	108	90 - 130
1,2-DICHLOROETHANE-d4	105	79 - 133
TOLUENE-d8	107	88 - 114

Notes and Definitions for this Report:

EXTRACTED _____ 05/15/91
DATE RUN _____ 05/20/91
ANALYST DD
UNITS _____ MG/L



SAMPLE ID STATION 7

FRACTION 02A TEST CODE TCUP 2 NAME TCUP METALS
Date & Time Collected not specified Category _____

PARAMETER	RESULT	DET LIMIT	REG LMT
ARSENIC	0.009	0.005	5.0
BARIUM	1.50	0.400	100
CADMIUM	0.005	0.003	1.0
CHROMIUM	<0.02	0.02	5.0
LEAD	<0.10	0.10	5.0
MERCURY	<0.0002	0.0002	0.2
SELENIUM	<0.005	0.005	1.0
SILVER	<0.010	0.010	5.0

Notes and Definitions for this Report:

EXTRACTED 05/16/91
ANALYST JB
UNITS MG/L



SAMPLE ID STATION 7
FRACTION 02B TEST CODE TC1P 3 NAME TC1P BASE NEUTRAL ACIDS
Date & Time Collected not specified Category

PARAMETER	RESULT	DET LIMIT	REG LMT
o-CRESOL	<0.1	0.1	200
m-CRESOL	<0.1	0.1	200
p-CRESOL	<0.1	0.1	200
1,4-DICHLOROBENZENE	<0.1	0.1	7.5
2,4-DINITROTOLUENE	<0.1	0.1	0.13
HEXACHLOROBENZENE	<0.1	0.1	0.13
HEXACHLOROBUTADIENE	<0.1	0.1	0.5
HEXACHLOROETHANE	<0.1	0.1	3.0
NITROBENZENE	<0.1	0.1	2.0
PENTACHLOROPHENOL	<0.5	0.5	100
PYRIDINE	<0.1	0.1	5.0
2,4,5-TRICHLOROPHENOL	<0.1	0.1	400
2,4,6-TRICHLOROPHENOL	<0.1	0.1	2.0
SURROGATE			
2-FLUOROBIPHENYL	96	62	106
2-FLUOROPHENOL	105	44	120
NITROBENZENE	110	51	125
PHENOL-d6	96	52	118
TERPHENYL-d14	97	13	133

Notes and Definitions for this Report:
 EXTRACTED 05/15/91
 DATE RUN 05/22/91
 ANALYST DD
 UNITS MG/L



ASSAIGAL

ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

Page 10

Received: 05/08/91

REPORT
Results by Sample

Work Order # 91-05-088

SAMPLE ID STATION 8

SAMPLE # 03 FRACTIONS: A, B

Date & Time Collected not specified

Category

TDS 1900

MG/L



REPORT

Work Order # 91-05-088

FRACTION 03B TEST CODE TCLP 1 NAME TCLP VOLATILE COMPOUNDS
 Date & Time Collected not specified Category _____

PARAMETER	RESULT	DET LIMIT	REG LMT
BENZENE	<0.01	0.01	0.5
CARBON TETRACHLORIDE	<0.01	0.01	0.5
CHLOROBENZENE	<0.01	0.01	100
CHLOROFORM	<0.01	0.01	6.0
1,2-DICHLOROETHANE	<0.01	0.01	0.5
1,1-DICHLOROETHYLENE	<0.01	0.01	0.7
METHYL ETHYL KETONE	<0.1	0.1	200
TETRACHLOROETHYLENE	<0.01	0.01	0.7
TRICHLOROETHYLENE	<0.01	0.01	0.5
VINYL CHLORIDE	<0.01	0.01	0.2
SURROGATE	%RECOVERY	LIMITS	
4-BROMOFLUOROBENZENE	111	90 -	130
1,2-DICHLOROETHANE-d4	105	79 -	133
TOLUENE-d8	107	88 -	114

Notes and Definitions for this Report:

EXTRACTED _____ 05/15/91
 DATE RUN _____ 05/20/91
 ANALYST DD
 UNITS _____ MG/L



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Independent Laboratories, Inc.

ASSAIGAL

ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

Page 12

Received: 05/08/91

SAMPLE ID STATION 8

REPORT
Results by Sample

Work Order # 91-05-088

FRACTION 03A TEST CODE TCLP 2 NAME TCLP METALS
Date & Time Collected not specified Category _____

PARAMETER	RESULT	DET LIMIT	REG LMT
ARSENIC	0.033	0.005	5.0
BARIUM	0.194	0.040	100
CADMIUM	0.006	0.003	1.0
CHROMIUM	<0.02	0.02	5.0
LEAD	<0.10	0.10	5.0
MERCURY	<0.0002	0.0002	0.2
SELENIUM	<0.005	0.005	1.0
SILVER	<0.010	0.010	5.0

Notes and Definitions for this Report:

EXTRACTED _____ 05/16/91
ANALYST JB
UNITS _____ MG/L



Member: American Council of
Independent Laboratories, Inc.

Page 13

Received: 05/08/91

SAMPLE ID STATION 8

REPORT
Results by Sample

Work Order # 91-05-088

FRACTION 03B TEST CODE TCLP 3 NAME TCLP BASE NEUTRAL ACIDS
Date & Time Collected not specified Category

PARAMETER	RESULT	DEF LIMIT	REG LMT
o-CRESOL	<0.1	0.1	200
m-CRESOL	<0.1	0.1	200
p-CRESOL	<0.1	0.1	200
1,4-DICHLOROBENZENE	<0.1	0.1	7.5
2,4-DINITROTOLUENE	<0.1	0.1	0.13
HEXACHLOROBENZENE	<0.1	0.1	0.13
HEXACHLOROBUTADIENE	<0.1	0.1	0.5
HEXACHLOROETHANE	<0.1	0.1	3.0
NITROBENZENE	<0.1	0.1	2.0
PENTACHLOROPHENOL	<0.5	0.5	100
PYRIDINE	<0.1	0.1	5.0
2,4,5-TRICHLOROPHENOL	<0.1	0.1	400
2,4,6-TRICHLOROPHENOL	<0.1	0.1	2.0

SURROGATE	%RECOVERY	LIMITS
2-FLUOROBIPHENYL	92	62 - 106
2-FLUOROPHENOL	102	44 - 120
NITROBENZENE	104	51 - 125
PHENOL-d6	109	52 - 118
TERPHENYL-d14	68	13 - 133

Notes and Definitions for this Report:

EXTRACTED 05/15/91
DATE RUN 05/22/91
ANALYST DD
UNITS MG/L

REPORT ENRON GAS OPERATING COMPANY

TO P. O. BOX 1249

BELEN, NM 87002

ATTEN RODGER LALONDE

CLIENT ENRON GAS 7 SAMPLES 2

COMPANY ENRON GAS OPERATING COMPANY

FACILITY STATION 5 - THOREAU, NM

PREPARED ENRECO LABORATORIES

BY 6661-A CANYON DRIVE

AMARILLO, TEXAS 79110

ATTEN CUSTOMER SERVICES

PHONE (806) 353-4425

CERTIFIED BY 

CONTACT PATRICK MOON

WORK ID STATION 5 - OIL & WATER PHASE

TAKEN 12/20/90

TRANS U P S

TYPE LIQUID

P.O. #

INVOICE under separate cover

***** SEND SECOND REPORT TO: ENRON GAS PIPELINE OP. CO.

P. O. BOX 2018

ROSWELL, NM 88201

ATTN: LARRY CAMPBELL

SAMPLE IDENTIFICATION

01 S91-0005 STAT 5 OIL PHASE

02 S91-0006 STAT 5 WATER PHS

TEST CODES and NAMES used on this workorder

8080 P	PCB SERIES	8080
IGNT	IGNITABILITY	1010
PH C	CORROSIVITY PH	9045
TCLP F	TCLP - F SERIES	
TCLP M	TCLP METAL ANALYSIS	
TCLP O	TCLP ORGANICS	
TCL EL	TCLP L-L EXTRACTION	
TCL EM	TCLP EXTRACTION	
TCL EV	TCLP ZHE EXTRACTION	
TOX	TOTAL ORGANIC HALOGEN	9020



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- Telephone (806) 353-4425
- Facsimile (806) 352-6454

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Work Order # 91-01-003

Results by sample

SAMPLE ID S91-0005 STAT 5 OIL PHASE

SAMPLE # 01 FRACTIONS: A,B

Date & Time Collected 12/20/90

Category

IGNT	>140	TOX	320
DEGREES F			MG/L

DECREES F

320
MG/L



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REPORT

Work Order # 91-01-003

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Results by Sample

SAMPLE ID S91-0005 STAT 5 OIL PHASE

FRACTION 01B TEST CODE 8080 P NAME PCB SERIES 8080
Date & Time Collected 12/20/90 Category _____

	RESULT	DET LIMIT	UNITS
PCB-1016	<10	10	MG/L
PCB-1221	<10	10	MG/L
PCB-1232	<10	10	MG/L
PCB-1242	<10	10	MG/L
PCB-1248	<10	10	MG/L
PCB-1254	<10	10	MG/L
PCB-1260	<10	10	MG/L

Notes and Definitions for this Report:

DATE RUN 01/07/91
ANALYST AI

SAMPLE ID 891-0005 STAT 5 OIL PHASE

FRACTION 01A

TEST CODE TCIP F

NAME TCIP - F SERIES

Date & Time Collected 12/20/90

Category

PARAMETER	RESULT	LIMIT	UNITS
METHYLENE CHLORIDE	<625	625	UG/KG
1,1,1-TRICHLOROETHANE	94170	625	UG/KG
TRICHLORO-TRIFLUOROETHANE	ND	nd	UG/KG
ORTHO-DICHLOROBENZENE	<6600	6600	UG/KG
TRICHLOROFLUOROMETHANE	ND	nd	UG/KG
XYLENE	23560.0	625	UG/KG
ACETONE	<6250	6250	UG/KG
ETHYL ACETATE	ND	nd	UG/KG
ETHYL BENZENE	6225.0	625	UG/KG
ETHYL ETHER	<625	625	UG/KG
METHYL ISOBUTYL KETONE	<6250	6250	UG/KG
n-BUTYL ALCOHOL	ND	nd	UG/KD
CYCLOHEXANONE	<6600	6600	UG/KG
METHANOL	ND	nd	UG/KG
CRESYLIC ACID	<6600	6600	UG/KG
TOLUENE	6637.5	625	UG/KG
CARBON DISULFIDE	<625	625	UG/KG
ISOBUTANOL	<6250	6250	UG/KG
2-ETHOXYETHANOL	ND	nd	UG/KG
2-NITROPROPANE	ND	nd	UG/KG

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DATE RUN 01/14/91
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REPORT
Results by Sample

Work Order # 91-01-003

SAMPLE ID 891-0005 STAT 5 OIL PHASE

FRACTION 01A TEST CODE TCLP M NAME TCLP METAL ANALYSIS
Date & Time Collected 12/20/90 Category _____

PARAMETER	RESULT	LIMIT	UNITS
ARSENIC	<0.02	0.02	MG/L
BARITUM	<0.03	0.03	MG/L
CADMIUM	<0.01	0.01	MG/L
CHROMIUM	<0.02	0.02	MG/L
LEAD	<0.04	0.04	MG/L
MERCURY	<0.003	0.003	MG/L
SELENIUM	<0.05	0.05	MG/L
SILVER	<0.02	0.02	MG/L

Notes and Definitions for this Report:

DATE RUN 01/04/91
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Results by Sample

REPORT

Work Order # 91-01-003

SAMPLE ID 891-0005 STAT 5 OIL PHASE

FRACTION 01A

TEST CODE TCLP 0

NAME TCLP ORGANICS

Date & Time Collected 12/20/90

Category

PARAMETER	RESULT	LIMIT	UNITS
BENZENE	<5	5	UG/L
CARBON TETRACHLORIDE	83.1	5	UG/L
CHLORDANE	<30	30	UG/L
CHLOROBENZENE	<5	5	UG/L
CHLOROFORM	<5	5	UG/L
CREOSOL(O,M,P)	159.0	10	UG/L
2,4-D	<100	100	UG/L
1,4-DICHLOROBENZENE	<5	5	UG/L
1,2-DICHLOROETHANE	<5	5	UG/L
1,1-DICHLOROETHYLENE	<5	5	UG/L
2,4-DINITROTOLUENE	<10	10	UG/L
ENDRIN	<10	10	UG/L
HEPTACHLOR	<8	8	UG/L
HEXACHLOROBENZENE	<10	10	UG/L
HEXACHLOROBUTADIENE	<10	10	UG/L
HEXACHLOROETHANE	<10	10	UG/L
LINDANE	<10	10	UG/L
METHOXYCLOR	<100	100	UG/L
METHYL ETHYL KETONE	<50	50	UG/L
NITROBENZENE	<10	10	UG/L
PENTACHLOROPHENOL	<50	50	UG/L
PYRIDINE	<50	50	UG/L
TETRACHLOROETHYLENE	<5	5	UG/L
TOXAPHENE	<100	100	UG/L
TRICHLOROETHYLENE	<5	5	UG/L
2,4,5-TRICHLOROPHENOL	<10	10	UG/L
2,4,6-TRICHLOROPHENOL	<10	10	UG/L
2,4,5-TP(SILVEX)	<100	100	UG/L
VINYL CHLORIDE	<10	10	UG/L

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Results by Sample

SAMPLE ID S91-0005 STAT 5 OIL PHASE

FRACTION 01A TEST CODE TCLP 0 NAME TCLP ORGANICS
Date & Time Collected 12/20/90 Category _____

DATE RUN _____ 01/14/91

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Results by Sample

SAMPLE ID S91-0005 STAT 5 OIL PHASE

FRACTION 01A TEST CODE TCL EM NAME TCLP EXTRACTION
Date & Time Collected 12/20/90 Category _____

PARAMETER

RESULT

INITIAL pH
FINAL pH

4.7
4.7

Notes and Definitions for this Report:

EXTRACTED _____ 01/04/91
ANALYST AD
TYPE 1

SAMPLE ID S91-0006 STAT 5 WATER PHS

SAMPLE # 02 FRACTIONS: A,B _____
Date & Time Collected 12/20/90 _____ Category _____

PH C 5.5 TOX 9.1
UNITS _____ MG/L



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Results by Sample

SAMPLE ID 891-0006 STAT 5 WATER PHS FRACTION 02B TEST CODE 8080 P NAME PCB SERIES 8080

Date & Time Collected 12/20/90 Category _____

	RESULT	DET LIMIT	UNITS
PCB-1016	<0.5	0.5	MG/L
PCB-1221	<0.5	0.5	MG/L
PCB-1232	<0.5	0.5	MG/L
PCB-1242	<0.5	0.5	MG/L
PCB-1248	<0.5	0.5	MG/L
PCB-1254	<0.5	0.5	MG/L
PCB-1260	<0.5	0.5	MG/L

Notes and Definitions for this Report:

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SAMPLE ID S91-0006 ,STAT 5 WATER PHS

FRACTION 02A TEST CODE TCLP M NAME TCLP METAL ANALYSIS
Date & Time Collected 12/20/90 Category _____

PARAMETER	RESULT	LIMIT	UNITS
ARSENIC	3.78	0.02	MG/L
BARIUM	2.86	0.03	MG/L
CADMIUM	0.08	0.01	MG/L
CHROMIUM	<0.02	0.02	MG/L
LEAD	<0.04	0.04	MG/L
MERCURY	<0.003	0.003	MG/L
SELENIUM	1.35	0.05	MG/L
SILVER	<0.02	0.02	MG/L

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Results by Sample

REPORT

Work Order # 91-01-003

SAMPLE ID 891-0006 STAT 5 WATER PHS

FRACTION 02A TEST CODE TCLP 0 NAME TCLP ORGANICS
Date & Time Collected 12/20/90 Category _____

PARAMETER	RESULT	LIMIT	UNITS
BENZENE	<5	5	UG/L
CARBON TETRACHLORIDE	<5	5	UG/L
CHLORDANE	<30	30	UG/L
CHLOROBENZENE	<5	5	UG/L
CHLOROFORM	<5	5	UG/L
CREOSOL(O,M,P)	<10	10	UG/L
2,4-D	<100	100	UG/L
1,4-DICHLOROBENZENE	<5	5	UG/L
1,2-DICHLOROETHANE	<5	5	UG/L
1,1-DICHLOROETHYLENE	<5	5	UG/L
2,4-DINITROTOLUENE	<10	10	UG/L
ENDRIN	<10	10	UG/L
HEPTACHLOR	<8	8	UG/L
HEXACHLOROBENZENE	<10	10	UG/L
HEXACHLOROBUTADIENE	<10	10	UG/L
HEXACHLOROETHANE	<10	10	UG/L
LINDANE	<10	10	UG/L
METHOXYCLO	<100	100	UG/L
METHYL ETHYL KETONE	<50	50	UG/L
NITROBENZENE	<10	10	UG/L
PENTACHLOROPHENOL	<50	50	UG/L
PYRIDINE	<50	50	UG/L
TETRACHLOROETHYLENE	<5	5	UG/L
TOXAPHENE	<100	100	UG/L
TRICHLOROETHYLENE	<5	5	UG/L
2,4,5-TRICHLOROPHENOL	<10	10	UG/L
2,4,6-TRICHLOROPHENOL	<10	10	UG/L
2,4,5-TP(SILVEX)	<100	100	UG/L
VINYL CHLORIDE	<10	10	UG/L

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Results by Sample

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SAMPLE ID S91-0006 STAT 5 WATER PHS

FRACTION 02A TEST CODE TCLP 0 NAME TCLP ORGANICS
Date & Time Collected 12/20/90 Category _____

DATE RUN 01/14/91
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Results by Sample

SAMPLE ID S91-0006 STAT 5 WATER PHS FRACTION 02A TEST CODE TCL EM NAME TCLP EXTRACTION
Date & Time Collected 12/20/90 Category _____

PARAMETER

RESULT

INITIAL PH
FINAL PH

N/A
N/A

Notes and Definitions for this Report:

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ANALYST AD
TYPE -



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FRACTION AND TEST CODES FOR WORK NOT REPORTED ELSEWHERE

01A	TCL_EL	TCL_EV
02A	TCL_EL	TCL_EV

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Work Order Number

91-01-003

Customer No. 3557

Client Name ENRON GAS 7

Project Description Station 5

Location THOREAU NM

CHAIN OF CUSTODY RECORD

[illegible]

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ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION



GARREY CARRUTHERS
GOVERNOR

March 25, 1987

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

Mr. James Jennings
Jennings & Christie
Box 1180
Roswell, New Mexico 88202-1180

RE: Loco Hills Water Disposal Co.

Dear Mr. Jennings:

Enclosed is a copy of correspondence for your files between the N.M. Environmental Improvement Division and Groendyke Transport. This correspondence was forwarded to us by the EID. If Loco Hills has retained truck washings from Groendyke in a tank separate from the disposal pits, they should continue to do so until it can be sampled by our personnel. A sampling trip is scheduled for April, and Loco Hills will be contacted when the dates can be confirmed.

Sincerely,

A handwritten signature in cursive script, appearing to read "Jami Bailey".

Jami Bailey
Field Representative

JB/cr

xc: OCD-Artesia