

GW - 72

**GENERAL
CORRESPONDENCE**

YEAR(S):

1992-1995

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

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-141
 Originated 2/13/97

Submit 2 copies to
 Appropriate District
 Office in accordance
 with Rule 116 on
 back side of form

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name BJ Services Company, U.S.A.	Contact Clint Chamberlain
Address 2708 West County Road Hobbs, N.M. 88240	Telephone No. (505) 392-5556
Facility Name BJ Services - Hobbs District	Facility Type

Surface Owner	Mineral Owner	Lease No.
---------------	---------------	-----------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	20	T18S	R38E					Lea County

NATURE OF RELEASE

Type of Release 20-25 Gals 2² Baume HCL diluted with 9 1/2 Bbls Water	Volume of Release 10 Bbls.	Volume Recovered 0
Source of Release Cement Pump Truck Unit #C-489	Date and Hour of Occurrence 03/06/98 - 9:00 A.M.	Date and Hour of Discovery 03/06/98 - 09:30 A.M.
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Chris Williams NMOCD	
By Whom? Sylvia Smith	Date and Hour 03/06/98 About 10:00 A.M.	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. N/A	

If a Watercourse was Impacted, Describe Fully. (Attach Additional Sheets If Necessary)

N/A

Describe Cause of Problem and Remedial Action Taken. (Attach Additional Sheets If Necessary)

Please see attached correspondence to Wayne Price dated 03/31/98.

Describe Area Affected and Cleanup Action Taken. (Attach Additional Sheets If Necessary)

Fluid & Soil samples taken for PH measurements.
 Please see attached correspondence to Wayne Price dated 03/31/98.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:	OIL CONSERVATION DIVISION	
Printed Name: Clinton R. Chamberlain	Approved by District Supervisor:	
Title: District Manager	Approval Date: 4/7/98	Expiration Date:
Date: 3/31/98	Phone: (505) 392-5556	Conditions of Approval: Attached <input type="checkbox"/>

CC: MARK ASHLEY -
 KAREN SHARP -

CW

NMOCD INTER-OFFICE CORRESPONDENCE

TO: Chris Williams-District I Supervisor
From: Wayne Price-Environmental Engineer
Date: April 6, 1998
Reference: BJ Services-Hobbs Yard DP GW-072
Subject: Discharge of spent acid cleaning water.

Comments:

Dear Chris,

I have inspected the site and requested BJ to fill out a C-141 and provide an explanation along with soil sampling of the impacted area (Attached).

The soil appears to have buffered the acid and is near neutral. Also BJ's manager Mr. Chamberlain has been instructed not to discharged fluids unless approved in their discharge plan. Therefore, I recommend that we approve their C-141 as a final submittal.

If you approve please sign C-141 & return and I will distribute copies to all parties and the NMOCD Environmental Bureau.

attachments- Letter, C-141, soil analysis.



March 31, 1998

Please Reply: 2708 West Country Road
Hobbs, New Mexico 88240-0698
(505) 392-5551
1-800-530-4485

Mr. Wayne Price
State of NM – Energy, Minerals and Natural Resources Department
Oil Conservation Division
1000 West Broadway
Hobbs, New Mexico 88240

RE: Form C-141

Dear Mr. Price:

On 3-6-98, we experienced an incident involving an adjoining neighbor's property. An employee (Charles Elam) was in the process of trying to clean up a cement pump (BJ Unit #C-489) in order to do some spot painting. The unit had some dried cement in the areas needing the spot painting. Mr. Elam took it upon himself to mix 10 bbls. water with 1/2 bbl. HCl (22° Baume) in the displacement tanks. He then proceeded to wash the unit with this solution while parked at the southeast corner of our yard. The "run-off" from this operation went through an old pipe culvert onto the adjoining property, resulting in approximately 2-3 bbls. drainage. The property is owned by Mr. Gary Schubert. His mailing address is P.O. Box 6056, Hobbs New Mexico. The land is titled to Grimes Land Company.

The landowner contacted our office regarding this spill and we then contacted your office and spoke with Mr. Chris Williams. At our request, Mr. Williams came by the district and took a look at the spill. The response agreed to by all parties was that the pipe culvert would be disposed of immediately and a follow up would be completed after consulting with you.

At the time of the incident, samples were taken from the fluid on the ground and these were tested for pH. All of these samples had a pH of 1 or less. After discussing this issue with you, we obtained a soil sample from the area in question and had a soil pH done at Laboratory Services, Inc. The soil pH was 7.36. A copy of their report is attached. We have counseled Mr. Elam regarding his actions and it appears that no damage has been done to the soil in the run-off area.

Clint Chamberlain
Hobbs District Manager
BJ Services Company USA

Cc: District File
Jo Ann Cobb

Attachment



Laboratory Services, Inc.

1331 Tasker Drive
Hobbs, New Mexico 88240

Telephone (505) 397-3713

BJ Services
Attention: Mr. Mike Lee
2708 W. County Rd.
Hobbs, New Mexico 88240

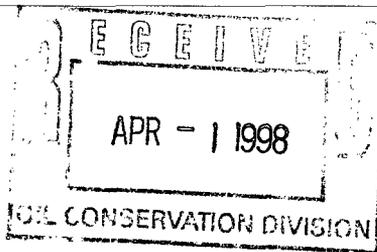
March 24, 1998

Soil Sample from Pasture
pH = 7.36

Thank you,
Rolland Perry

Price, Wayne

From: Price, Wayne
Sent: Wednesday, March 25, 1998 7:43 AM
To: Mark Ashley
Cc: Chris Williams
Subject: BJ Ser. W CTY Rd Hobbs-Site Inspection:



Re: Discharge of cleaning fluids off property:
Re: MW's 11A & 12

Dear Mark:

On March 06, 1998 NMOCD received a complaint from an adjacent landowner concerning a low PH <1 (per C Chamberlain) acid type fluids being discharged onto his property. NMOCD personnel have inspected site on initial complaint and found a stormwater type drain pipe in the SE corner of property. OCD instructed them to remove it.

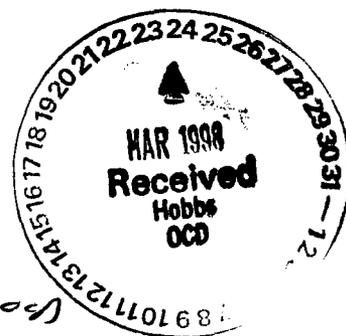
On Mar 24, 1998 NMOCD has instructed BJ to stop these type of discharges and has required them to submit a C-141 with analytical of the soil. Price informed Chamberlain this type of discharged is not allowed in their discharged plan. BJ provided to Price a summary of the event.

Attachments- 1 summary of event

Re: MW's While on site I witness Brown & Caldwell sampling MW 11A & 12.

On 3-6-98, we experienced an incident involving an adjoining neighbor's property. An employee (Charles Elam) was in the process of trying to clean up a cement pump (Unit C-489) in order to do some spot painting. The unit had some dried cement in the areas needing the spot painting. Charles took it upon himself to mix 10 bbls. water with 1/2 bbl. HCl in the displacement tanks. He proceeded to wash the unit with this solution while parked at the Southeast corner of our yard. The "run-off" from this operation went through an old pipe culvert onto the adjoining property, resulting in approximately 2-3 bbls. drainage. The property is owned by Mr. Gary Schubert. His mailing address is P.O. Box 6056, Hobbs New Mexico. The land is titled to Grimes Land Company. Myself and Sherman Walters were confronted by Mr. Schubert about the incident and we assured him that BJ Services would take measures to prevent this from happening again and would immediately proceed with clean up measures. He responded in an negative manner and demanded satisfaction involving the Oil Conservation Division. At that time , I contacted Clint Chamberlain and he proceeded to address the issue with Mr. Schubert. We contacted the O.C.D. and Mr. Chris Williams came to the district. The response agreed to by all parties was that the pipe culvert would be disposed of immediately and a follow up would be done by Mr. Williams supervisor next week. After all parties were satisfied on a temporary basis, Mr. Chamberlain proceeded to contact you. This is just a follow up note for you to have the names and address of those involved. Please contact Mr. Chamberlain or myself for any further assistance you may require in this matter.

*THIS DOCUMENT WAS
WRITTEN BY WALTER FREEMAN
PER C. CHAMBERLAIN*



*WAYNE FREEMAN
CJ*



Clint Chamberlain
District Manager



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
DISTRICT I HOBBS
PO BOX 1980, Hobbs, NM 88241
(505) 393-6161
FAX (505) 393-0720

Jennifer A. Salisbury
CABINET SECRETARY

January 22, 1998

Mr. Rick N. Johnson
BJ Services Company, U.S.A.
8701 New Trails Drive
The Woodlands, Texas 77381

Re: Wastewater Tank System Closure Report & Closure Letter Dated Jan 6, 1998.
Hobbs Facility (2708 W. County Road)
Lea County, New Mexico

Subject: Memorandum of telephone conversation with Mr. Rick Johnson.- 281-363-7521

Dear Rick,

Per our telephone conversation today the NMOCD District I office understands the groundwater issue is still pending concerning contamination from the previous UST type wastewater tanks. BJ Services will include the required WQCC constituents during the year end sampling event so as NMOCD may evaluate if further delineation is required around this area.

After reviewing the last submitted groundwater sampling report (June 1997) and comparing to the previous report (March 1997) it appears the local groundwater gradient has changed from a Northeastern direction to a Southeastern direction. It would be helpful for BJ to investigate why this occurrence has taken place.

It is NMOCD District I recommendation that BJ propose to install additional monitor wells along the north property line to ensure the contaminates have not migrated off-site and to install additional down-gradient wells to define the horizontal extent of the contamination. Also BJ should considered nesting the monitor wells to differentiate any density gradients of contaminants of concern. In addition BJ should install one monitor well in the source area since it was noted during the NMOCD field trip inspection that BJ did not remove all of the visually contaminated soils.

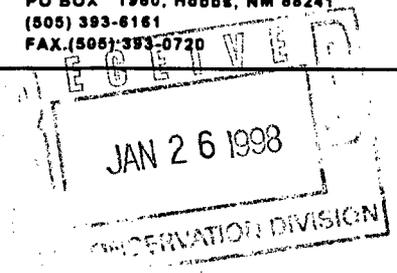
Please note all original correspondence concerning this issue shall be directed to Mr. Mark Ashley, 2040 S. Pacheco, Santa Fe, NM 87505 with copies sent to the NMOCD District I office. The NMOCD Environmental Bureau has the primary authority for this project.

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

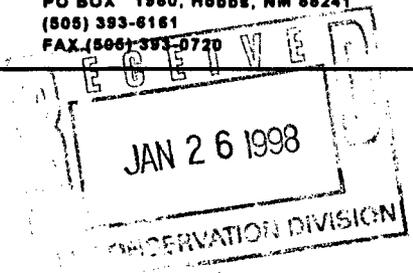
cc: Chris Williams-NMOCD District I Supervisor
Mark Ashley-Environmental Bureau, Santa Fe, NM





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

OIL CONSERVATION DIVISION
DISTRICT I HOBBS
PO BOX 1980, Hobbs, NM 88241
(505) 393-6161
FAX (505) 393-0720



Jennifer A. Salisbury
CABINET SECRETARY

January 22, 1998

Mr. Rick N. Johnson
BJ Services Company, U.S.A.
8701 New Trails Drive
The Woodlands, Texas 77381

Re: Wastewater Tank System Closure Report & Closure Letter Dated Jan 6, 1998.
Hobbs Facility (2708 W. County Road)
Lea County, New Mexico

Subject: Memorandum of telephone conversation with Mr. Rick Johnson.- 281-363-7521

Dear Rick,

Per our telephone conversation today the NMOCD District I office understands the groundwater issue is still pending concerning contamination from the previous UST type wastewater tanks. BJ Services will include the required WQCC constituents during the year end sampling event so as NMOCD may evaluate if further delineation is required around this area.

After reviewing the last submitted groundwater sampling report (June 1997) and comparing to the previous report (March 1997) it appears the local groundwater gradient has changed from a Northeastern direction to a Southeastern direction. It would be helpful for BJ to investigate why this occurrence has taken place.

It is NMOCD District I recommendation that BJ propose to install additional monitor wells along the north property line to ensure the contaminates have not migrated off-site and to install additional down-gradient wells to define the horizontal extent of the contamination. Also BJ should considered nesting the monitor wells to differentiate any density gradients of contaminants of concern. In addition BJ should install one monitor well in the source area since it was noted during the NMOCD field trip inspection that BJ did not remove all of the visually contaminated soils.

Please note all original correspondence concerning this issue shall be directed to Mr. Mark Ashley, 2040 S. Pacheco, Santa Fe, NM 87505 with copies sent to the NMOCD District I office. The NMOCD Environmental Bureau has the primary authority for this project.

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
~~Mark Ashley-Environmental Bureau, Santa Fe, NM~~



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

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

January 6, 1998

CERTIFIED MAIL
RETURN RECEIPT NO. P-288-259-003

Mr. Rick N. Johnson
BJ Services Company, U.S.A.
8701 New Trails Drive
The Woodlands, Texas 77381

**RE: Wastewater Tank System Closure Report
Hobbs Facility
Eddy County, New Mexico**

Dear Mr. Johnson:

The New Mexico Oil Conservation Division (OCD) has completed a review of BJ Services' (BJ) "Wastewater Tank System Closure Report." It contains BJ's final closure activities associated with the wastewater tank system at the Hobbs facility. Based on the information provided, the OCD approves of closure activities, to date, associated with the removal of the wastewater tanks and contaminated soils.

Please be advised that BJ is not relieved of liability if contamination exists which is beyond the scope of the closure plan or if the closure activities failed to adequately determine the extent of contamination related to BJ's activities. In addition, BJ is not relieved of responsibility for compliance with any other federal, state or local laws and/or regulations.

If you have any questions, please call me at (505) 827-7155.

Sincerely,

Mark Ashley
Mark Ashley
Geologist

xc: OCD Hobbs Office

P 288 259 003

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail (See reverse)

Sent to	
Street & Number	
Post Office, State, & ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, April 1995



BJ Services Company USA
8701 New Trails Drive
The Woodlands, Texas 77381
Phone: (281) 363-7500 Fax: (281) 363-7595

DATE : January 29, 1998

TO: Name: Mark Ashley
Company: NMOCD
FAX No: 505-827-8177

FROM: Department: Environmental Services
Name: Rick N. Johnson
Direct Phone: (281) 363-7521

7

Page(s) to follow

COMMENTS:

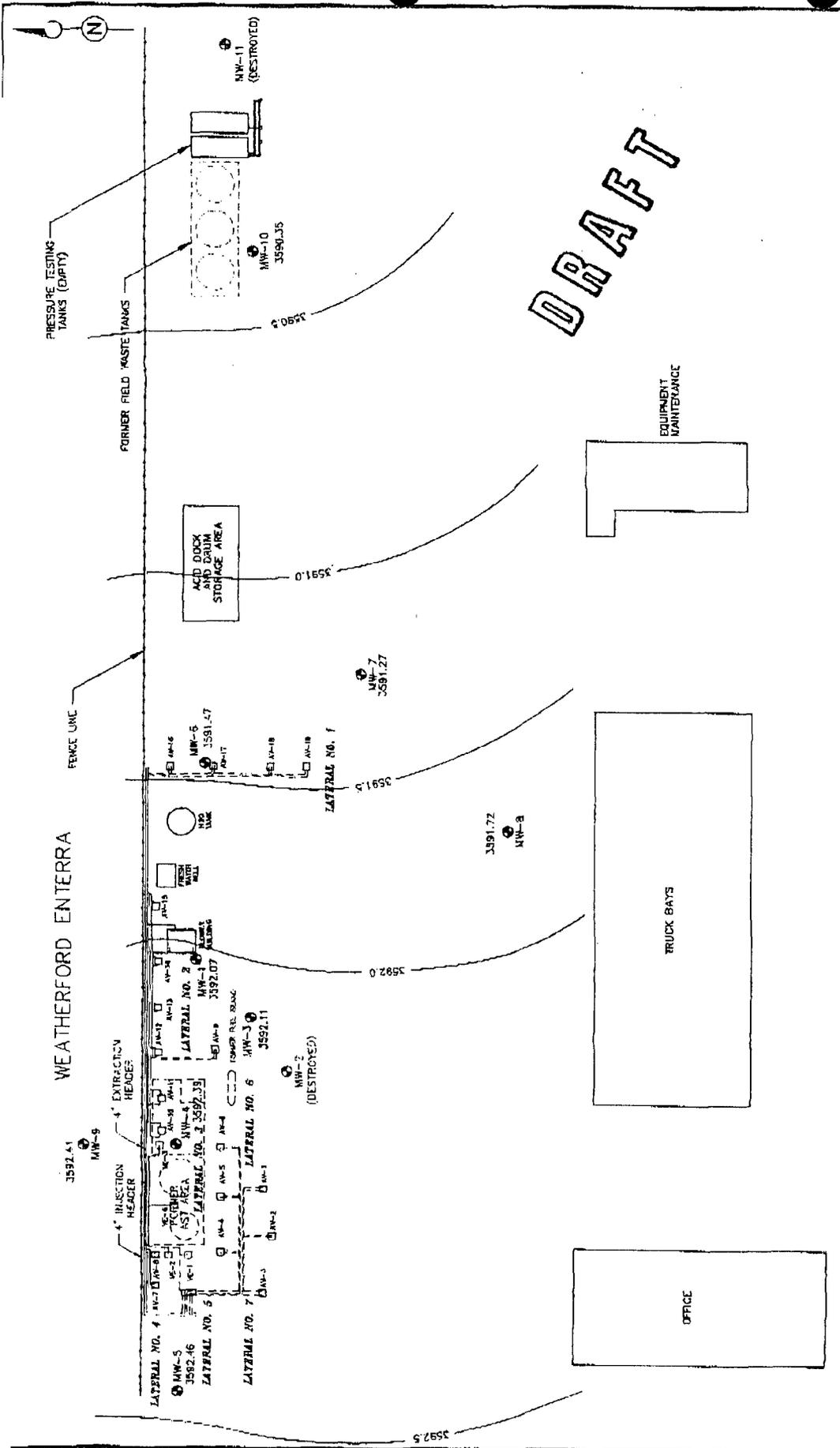
Mark:

Here is the groundwater elevation data and potentiometric surface map for the December 1997 sampling event in Hobbs, NM. As we discussed, this shows a gradient to the east-northeast. Also, MW-11 was destroyed sometime after September 12, 1997. We are moving next week to do some work related to the remediation system, please let me know how you think BJ should proceed around the field waste tanks. Thanks for your help!

Rick N. Johnson
Environmental Specialist
BJ Services Company, U.S.A.

A handwritten signature in black ink, appearing to be 'RNO', written over the typed name and title of Rick N. Johnson.

If all pages are not received, please contact Rick N. Johnson at (281) 363-7521.



DRAFT

DATE	01/05/98
PROJECT NUMBER	2832-13
FIGURE NUMBER	2
TITLE	POTENTIOMETRIC SURFACE CONTOUR MAP FOR DECEMBER 10, 1997
CLIENT	BJ SERVICES COMPANY, U.S.A.
SITE	HOBBS, NEW MEXICO
LEGEND	MONITORING WELL LOCATION AND IDENTIFICATION POTENTIOMETRIC CONTOUR
SCALE: 1" = 40'	DRAWN BY: J.K. DATE: 1/28/98
PROJECT MANAGER	DATE: _____
APPROVED: BROWN AND CALDWELL	DATE: _____

BROWN AND CALDWELL
HOUSTON, TEXAS

Table 2
Cumulative Groundwater Elevation Data
Hobbs, New Mexico Facility
BJ Services Company, U.S.A.

Monitoring Well	TOC Elevation	Date Measured	Depth to GW (ft)	Free Product Thickness (ft)	GW Elevation (ft MSL)	Comments
MW-1						
	3,647.53	8/10/92	53.22	0.00	3,594.31	(1)
	3,647.53	2/9/93	53.03	0.00	3,594.50	
	3,647.53	8/18/93	53.10	0.00	3,594.43	
	3,647.53	1/26/94	53.31	0.00	3,594.22	
	3,647.53	5/3/95	54.64	0.20	3,593.05	(2)
	3,647.53	7/31/95	54.14	0.00	3,593.39	
	3,647.53	11/14/95	53.69	0.00	3,593.84	
	3,647.53	2/23/96	54.32	0.00	3,593.21	
	3,647.53	5/31/96	54.14	0.00	3,593.39	
	3,647.53	8/23/96	56.17	0.00	3,591.36	
	3,647.53	12/2/96	55.27	0.00	3,592.26	
	3,647.53	3/12/97	55.70	0.27	3,592.05	(3)
	3,647.53	6/12/97	55.08	0.02	3,592.47	
	3,647.53	9/12/97	55.64	0.51	3,592.31	
	3,647.53	12/10/97	55.46	0.00	3,592.07	PSH Sheen
MW-2						
	3,647.59	8/10/92	52.82	0.00	3,594.77	(1)
	3,644.84	2/9/93	49.60	0.00	3,595.24	
	3,644.84	8/18/93	49.71	0.00	3,595.13	
	3,644.84	1/26/94	49.97	0.00	3,594.87	
		5/3/95				(4)

DRAFT

DRAFT

Table 2
Cumulative Groundwater Elevation Data
Hobbs, New Mexico Facility
BJ Services Company, U.S.A.

Monitoring Well	TOC Elevation	Date Measured	Depth to GW (ft)	Free Product Thickness (ft)	GW Elevation (ft MSL)	Comments
MW-3						
	3,647.68	8/10/92	52.99	0.00	3,594.69	(1)
	3,647.68	2/9/93	52.72	0.00	3,594.96	
	3,647.68	8/18/93	52.82	0.00	3,594.86	
	3,647.68	1/26/94	53.05	0.00	3,594.63	
	3,647.68	5/3/95	54.31	0.00	3,593.37	
	3,645.00	7/31/95	51.24	0.00	3,593.76	
	3,645.00	11/14/95	51.10	0.00	3,593.90	
	3,645.00	2/23/96	51.68	0.00	3,593.32	
	3,645.00	5/31/96	51.45	0.00	3,593.55	
	3,645.00	8/23/96	51.55	0.00	3,593.45	
	3,645.00	12/2/96	52.23	0.00	3,592.77	
	3,645.00	3/12/97	52.67	0.00	3,592.33	(3)
	3,645.00	6/12/97	52.68	0.00	3,592.32	
	3,645.00	9/11/97	52.71	0.00	3,592.29	
	3,645.00	12/10/97	52.89	0.00	3,592.11	
MW-4						
	3,645.28	8/10/92	50.55	0.00	3,594.73	(1)
	3,645.28	2/9/93	50.26	0.00	3,595.02	
	3,645.28	8/18/93	50.38	0.00	3,594.90	
	3,645.28	1/26/94	50.90	0.30	3,594.63	
	3,645.28	5/3/95	51.51	0.45	3,594.14	
	3,645.28	7/31/95	51.74	0.26	3,593.75	
	3,645.28	11/14/95	51.03	0.00	3,594.25	
	3,645.28	2/23/96	51.65	0.01	3,593.64	
	3,645.28	5/31/96	51.48	0.00	3,593.80	
	3,645.28	8/23/96	53.49	0.00	3,591.79	
	3,645.28	12/2/96	52.32	0.00	3,592.96	
	3,645.28	3/12/97	52.74	0.05	3,592.58	(3)
	3,645.28	6/12/97	53.08	0.44	3,592.56	
	3,645.28	9/12/97	52.60	0.15	3,592.80	
	3,645.28	12/10/97	52.89	0.00	3,592.39	PSH Sheen

Table 2
 Cumulative Groundwater Elevation Data
 Hobbs, New Mexico Facility
 BJ Services Company, U.S.A.

DRAFT

Monitoring Well	TOC Elevation	Date Measured	Depth to GW (ft)	Free Product Thickness (ft)	GW Elevation (ft MSL)	Comments
MW-5	3,647.72	8/10/92	52.38	0.00	3,595.34	(1)
	3,647.72	2/9/93	52.06	0.00	3,595.66	
	3,647.72	8/18/93	52.16	0.00	3,595.56	
	3,647.72	1/26/94	52.50	0.00	3,595.22	
	3,647.72	5/3/95	53.57	0.00	3,594.15	
	3,647.72	7/31/95	53.27	0.00	3,594.45	
	3,647.72	11/14/95	52.83	0.00	3,594.89	
	3,647.72	2/23/96	53.57	0.00	3,594.15	
	3,647.72	5/31/96	53.16	0.00	3,594.56	
	3,647.72	8/23/96	53.41	0.00	3,594.31	
	3,647.72	12/2/96	53.98	0.00	3,593.74	
	3,647.72	3/12/97	54.44	0.00	3,593.28	(3)
	3,647.72	6/12/97	54.48	0.00	3,593.24	
	3,647.72	9/12/97	54.29	0.00	3,593.43	
	3,647.12	12/10/97	54.66	0.00	3,592.46	
MW-6	3,644.74	2/9/93	50.58	0.00	3,594.16	(1)
	3,644.74	8/18/93	50.78	0.00	3,593.96	
	3,644.74	1/26/94	51.00	0.00	3,593.74	
	3,644.74	5/3/95	52.63	0.00	3,592.11	
	3,644.74	7/31/95	51.90	0.00	3,592.84	
	3,644.74	11/14/95	51.19	0.00	3,593.55	
	3,644.74	2/23/96	52.10	0.00	3,592.64	
	3,644.74	5/31/96	51.76	0.00	3,592.98	
	3,644.74	8/23/96	51.63	0.00	3,593.11	
	3,644.74	12/2/96	52.85	0.00	3,591.89	
	3,644.74	3/12/97	53.55	0.00	3,591.19	(3)
	3,644.74	6/12/97	52.08	0.00	3,592.66	
	3,644.74	9/11/97	53.72	0.00	3,591.02	
	3,644.74	12/10/97	53.27	0.00	3,591.47	

DRAFT

Table 2
 Cumulative Groundwater Elevation Data
 Hobbs, New Mexico Facility
 BJ Services Company, U.S.A.

Monitoring Well	TOC Elevation	Date Measured	Depth to GW (ft)	Free Product Thickness (ft)	GW Elevation (ft MSL)	Comments
MW-7						
	3,644.55	2/9/93	50.53	0.00	3,594.02	(1)
	3,644.55	8/18/93	50.74	0.00	3,593.81	
	3,644.55	1/26/94	51.01	0.00	3,593.54	
	3,644.55	5/3/95	52.25	0.00	3,592.30	
	3,644.55	7/31/95	51.92	0.00	3,592.63	
	3,644.55	11/14/95	51.48	0.00	3,593.07	
	3,644.55	2/23/96	52.15	0.00	3,592.40	
	3,644.55	5/31/96	51.78	0.00	3,592.77	
	3,644.55	8/23/96	52.02	0.00	3,592.53	
	3,644.55	12/2/96	52.52	0.00	3,592.03	
	3,644.55	3/12/97	52.99	0.00	3,591.56	(3)
	3,644.55	6/12/97	53.08	0.00	3,591.47	
	3,644.55	9/11/97	53.00	0.00	3,591.55	
	3,644.55	12/10/97	53.28	0.00	3,591.27	
MW-8						
	3,644.87	2/9/93	50.48	0.00	3,594.39	(1)
	3,644.87	8/18/93	50.67	0.00	3,594.20	
	3,644.87	1/26/94	50.96	0.00	3,593.91	
	3,644.87	5/3/95	52.15	0.00	3,592.72	
	3,644.87	7/31/95	51.77	0.00	3,593.10	
	3,644.87	11/14/95	51.37	0.00	3,593.50	
	3,644.87	2/23/96	52.17	0.00	3,592.70	
	3,644.87	5/31/96	51.55	0.00	3,593.32	
	3,644.87	8/23/96	51.92	0.00	3,592.95	
	3,644.87	12/2/96	52.43	0.00	3,592.44	
	3,644.87	3/12/97	52.93	0.00	3,591.94	(3)
	3,644.87	6/12/97	53.96	0.00	3,590.91	
	3,644.87	9/11/97	52.73	0.00	3,592.14	
	3,644.87	12/10/97	53.15	0.00	3,591.72	

Table 2
 Cumulative Groundwater Elevation Data
 Hobbs, New Mexico Facility
 BJ Services Company, U.S.A.

DRAFT

Monitoring Well	TOC Elevation	Date Measured	Depth to GW (ft)	Free Product Thickness (ft)	GW Elevation (ft MSL)	Comments
MW-9						
	3,644.78	4/22/93	49.73	0.00	3,595.05	(1)
	3,644.78	7/15/93	49.65	0.00	3,595.13	
	3,644.78	8/18/93	49.85	0.00	3,594.93	
	3,644.78	1/26/94	50.02	0.00	3,594.76	
	3,644.78	5/3/95	51.35	0.00	3,593.43	
	3,644.78	7/31/95	50.97	0.00	3,593.81	
	3,644.78	11/14/95	50.43	0.00	3,594.35	
	3,644.78	2/23/96	51.12	0.00	3,593.66	
	3,644.78	5/31/96	50.89	0.00	3,593.89	
	3,644.78	8/23/96	50.98	0.00	3,593.80	
	3,644.78	12/2/96	51.58	0.00	3,593.20	
	3,644.78	3/12/97	52.21	0.05	3,592.61	(3)
	3,644.78	6/12/97	52.10	0.00	3,592.68	PSH sheen
	3,644.78	9/12/97	51.95	0.00	3,592.83	PSH Sheen
	3,644.78	12/10/97	52.37	0.00	3,592.41	slight sheen
MW-10						
	3,644.47	8/18/93	51.54	0.00	3,592.93	(1)
	3,644.47	1/26/94	51.90	0.00	3,592.57	
	3,644.47	5/3/95	52.97	0.00	3,591.50	
	3,644.47	7/31/95	52.87	0.00	3,591.60	
	3,644.47	11/14/95	52.51	0.00	3,591.96	
	3,644.47	2/23/96	53.05	0.00	3,591.42	
	3,644.47	5/31/96	52.79	0.00	3,591.68	
	3,644.47	8/23/96	53.03	0.00	3,591.44	
	3,644.47	12/2/96	53.41	0.00	3,591.06	
	3,644.47	3/12/97	54.21	0.00	3,590.26	(3)
	3,644.47	6/12/97	53.99	0.00	3,590.48	
	3,644.47	9/12/97	53.94	0.00	3,590.53	
	3,644.47	12/10/97	54.12	0.00	3,590.35	

Table 2
Cumulative Groundwater Elevation Data
Hobbs, New Mexico Facility
BJ Services Company, U.S.A.

DRAFT

Monitoring Well	TOC Elevation	Date Measured	Depth to GW (ft)	Free Product Thickness (ft)	GW Elevation (ft MSL)	Comments
MW-11						
	3,643.78	8/18/93	51.92	0.00	3,591.86	(1)
	3,643.78	1/26/94	52.32	0.00	3,591.46	
	3,643.78	5/3/95	53.38	0.00	3,590.40	
	3,643.78	7/31/95	53.35	0.00	3,590.43	
	3,643.78	11/14/95	52.96	0.00	3,590.82	
	3,643.78	2/23/96	53.50	0.00	3,590.28	
	3,643.78	5/31/96	53.25	0.00	3,590.53	
	3,643.78	8/23/96	53.49	0.00	3,590.29	
	3,643.78	12/2/96	53.79	0.00	3,589.99	
	3,643.78	3/12/97	53.81	0.00	3,589.97	(3)
	3,643.78	6/12/97	53.96	0.00	3,589.82	
	3,643.78	9/12/97	52.93	0.00	3,590.85	
		12/10/97				(5)

(1) Top of casing elevations and groundwater elevations of all monitor wells were relative to an arbitrary datum of 100.00 feet prior to March 1997 and have been converted to Mean Sea Level (MSL).

(2) For wells with a hydrocarbon layer the groundwater elevation was calculated as follows:
 Groundwater Elevation = (TOC elevation) - (Depth to groundwater) + [(Free product thickness) X (SG of free product)]
 Note: The specific gravity (SG) for the free product was 0.82.

(3) Top of casing elevations and groundwater elevations relative to MSL after March 1997.

(4) MW-2 could not be located and is assumed destroyed after January, 1994.

(5) MW-11 could not be located and is assumed destroyed after September 12, 1997.



January 30, 1998

CERTIFIED MAIL NO. P 414 630 966
RETURN RECEIPT REQUESTED

RECEIVED

FEB 03 1998

Environmental Bureau
Oil Conservation Division

Mr. Mark Ashley
Oil Conservation Division
2040 South Pacheco Street
State Land Office Building
Santa Fe, NM 87505

RE: Wastewater Tank System Closure; Installation of Replacement/Additional
Monitoring Well; Hobbs, New Mexico Facility (Former Western)

Dear Mr. Ashley:

As we discussed this morning, I am writing this letter to confirm our agreement regarding the placement of an additional monitoring well and the replacement of MW-11 which was destroyed. BJ Services Company, U.S.A. (BJ Services) proposes to install a groundwater monitoring well (MW-12) following NMOCD guidelines approximately 30 feet directly north of the former location of MW-11 (5 feet south of the existing fence line). BJ Services also proposes to replace MW-11 (MW-11a) at a location 20 feet directly south of the former location of MW-11 (approximately 55 feet due south of the existing fence line). Both of these wells would be installed in the same water-bearing zone that MW-11 was installed using NMOCD approved techniques and construction standards. Brown and Caldwell would be overseeing the installation and completion of these wells.

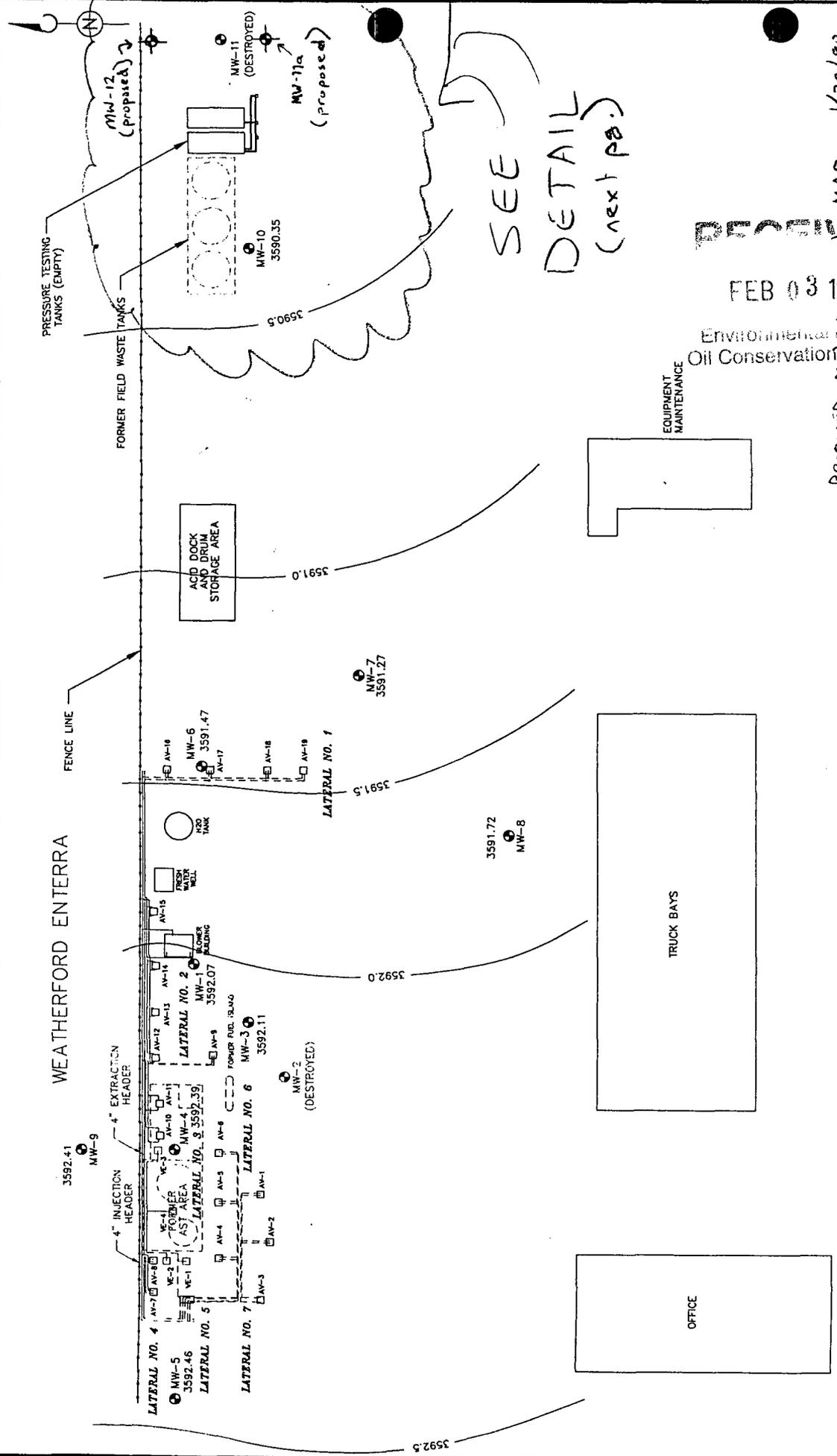
Please let me know if this plan meets with your approval. If you have any questions or concerns regarding this matter, please call me at (281) 363-7521. Thank you.

Sincerely,

Rick N. Johnson
Environmental Specialist

c: Ms. JoAnn Cobb, BJ Services
Mr. Charles Smith, BJ Services
Mr. Wayne Price, OCD - Hobbs, NM
Mr. Bob Jennings, Brown and Caldwell - Houston

WEATHERFORD ENTERRA



SEE
DETAIL
(next pg.)

Environmental
Oil Conservation
Division
FEB 03
DUST

Proposed MAP LOCATION MAP 1/29/98
 TITLE POTENTIOMETRIC SURFACE CONTOUR MAP
 DATE 01/05/98
 CLIENT FOR DECEMBER 10, 1997
 PROJECT NUMBER 2832-13
 SITE BJ SERVICES COMPANY, U.S.A.
 FIGURE NUMBER 2
 HOBBS, NEW MEXICO

LEGEND
 MONITORING WELL LOCATION AND IDENTIFICATION
 POTENTIOMETRIC CONTOUR

0 20 40
 SCALE: 1" = 40'
 DRAWN BY: JR DATE: 1/29/98
 CHK'D BY: DATE: _____
 APPROVED: DATE: _____

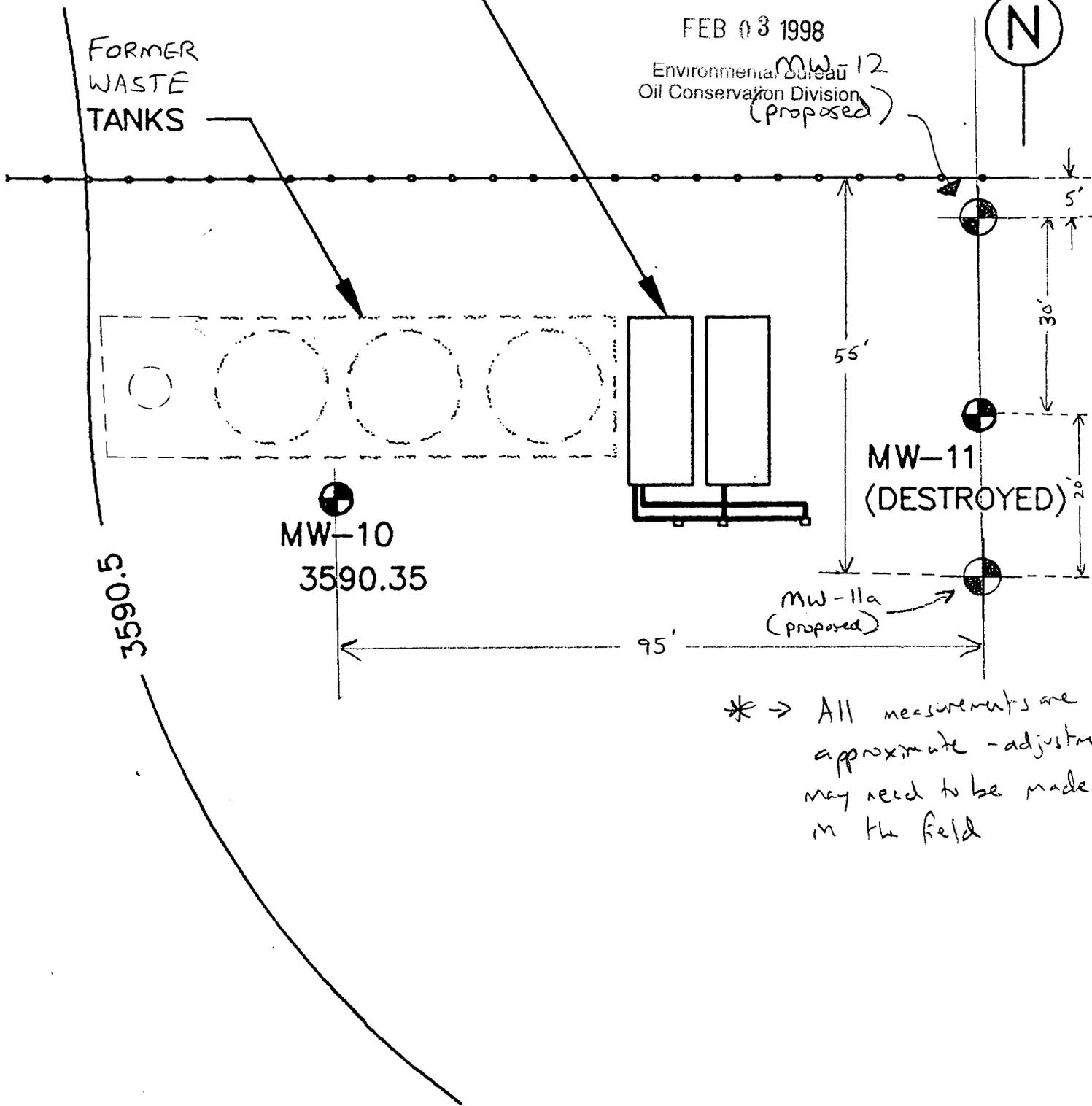
BROWN AND CALDWELL
 HOUSTON, TEXAS
 SUBMITTED: PROJECT MANAGER DATE: _____
 APPROVED: BROWN AND CALDWELL DATE: _____

PRESSURE TESTING
TANKS (EMPTY)

RECEIVED

FEB 03 1998

Environmental Bureau
Oil Conservation Division
(proposed)



* -> All measurements are
approximate - adjustments
may need to be made
in the field

DETAIL AREA
PROPOSED MONITORING
WELL LOCATIONS
NTS!
1/29/98



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

February 3, 1998

CERTIFIED MAIL
RETURN RECEIPT NO. P-288-259-010

Mr. Rick N. Johnson
BJ Services Company, U.S.A.
8701 New Trails Drive
The Woodlands, Texas 77381

**RE: Waste Water Tank System
Monitor Well Installation (MW-11a and MW-12)
Hobbs Facility GW-72 (Formerly Western)
Lea County, New Mexico**

Dear Mr. Johnson:

The New Mexico Oil Conservation Division (OCD) has completed a review of BJ Services' (BJ) "Wastewater Tanks System Closure; Installation of Replacement/Additional Monitoring Wells" dated January 30, 1998. This document, received via fax on January 30, 1998, contains BJ's work plan for placement of additional monitor wells at the former waste tank area and future ground water monitoring.

The above referenced work plan is approved with the following conditions:

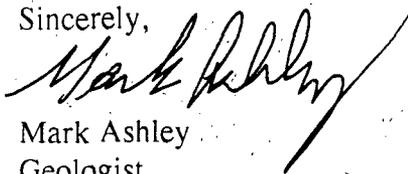
1. A minimum of two monitor wells will be installed as proposed in the January 30, 1998 letter.
2. Monitor wells will be constructed with:
 - a. A minimum of fifteen feet of well screen, with at least five feet of well screen above the water table and ten feet of well screen below the water table.
 - b. An appropriately sized gravel pack will be set around the well screen from the bottom of the hole to 2-3 feet above the top of the well screen.
 - c. A 2-3 foot bentonite plug will be placed above the gravel pack.

- d. The remainder of the hole will be grouted to the surface with cement containing 5% bentonite.
3. All wastes generated will be disposed of at an OCD approved site.
4. Ground water from the monitor wells will be sampled and analyzed for concentrations of BTEX, polynuclear aromatic hydrocarbons, halogenated and aromatic hydrocarbons, cations/anions, and metals using EPA approved methods.
5. Beginning with the second quarter of 1998, monitor wells MW-11a and MW-12 will be sampled and analyzed according to the remedial action plan approved by the OCD on August 11, 1994.
6. BJ will submit a report on the investigation to the OCD by April 6, 1998. The report will include a description of the actions performed and the results of all sampling activities. The report will also include recommendations for future actions based on the results of ground water sampling.
7. BJ will notify the OCD Hobbs District Office at least 72 hours in advance of all activities.
8. All original documents will be submitted to the OCD Santa Fe Office with copies provided to the OCD Hobbs District Office.

Please be advised that OCD approval does not relieve BJ of liability if contamination exists which is beyond the scope of the work plan or if the activities fail to adequately determine the extent of contamination related to BJ's activities. In addition, OCD approval does not relieve BJ of responsibility for compliance with any other federal, state or local laws and/or regulations.

If you have any questions, please call me at (505) 827-7155.

Sincerely,



Mark Ashley
 Geologist

xc: OCD Hobbs Office

P 288 259 010

US Postal Service
Receipt for Certified Mail

No Insurance Coverage Provided.
 Do not use for International Mail (See reverse)

Sent to		
Street & Number		
Post Office, State, & ZIP Code		
Postage		\$
Certified Fee		
Special Delivery Fee		
Restricted Delivery Fee		
Return Receipt Showing to Whom & Date Delivered		
Return Receipt Showing to Whom, Date, & Addressee's Address		
TOTAL Postage & Fees		\$
Postmark or Date		



January 30, 1998

CERTIFIED MAIL NO. P 414 630 966
RETURN RECEIPT REQUESTED

MARK ASHLEY
VIA Facsimile (original to follow)
505-827-8177

Mr. Mark Ashley
Oil Conservation Division
2040 South Pacheco Street
State Land Office Building
Santa Fe, NM 87505

RE: Wastewater Tank System Closure; Installation of Replacement/Additional
Monitoring Well; Hobbs, New Mexico Facility (Former Western)

Dear Mr. Ashley:

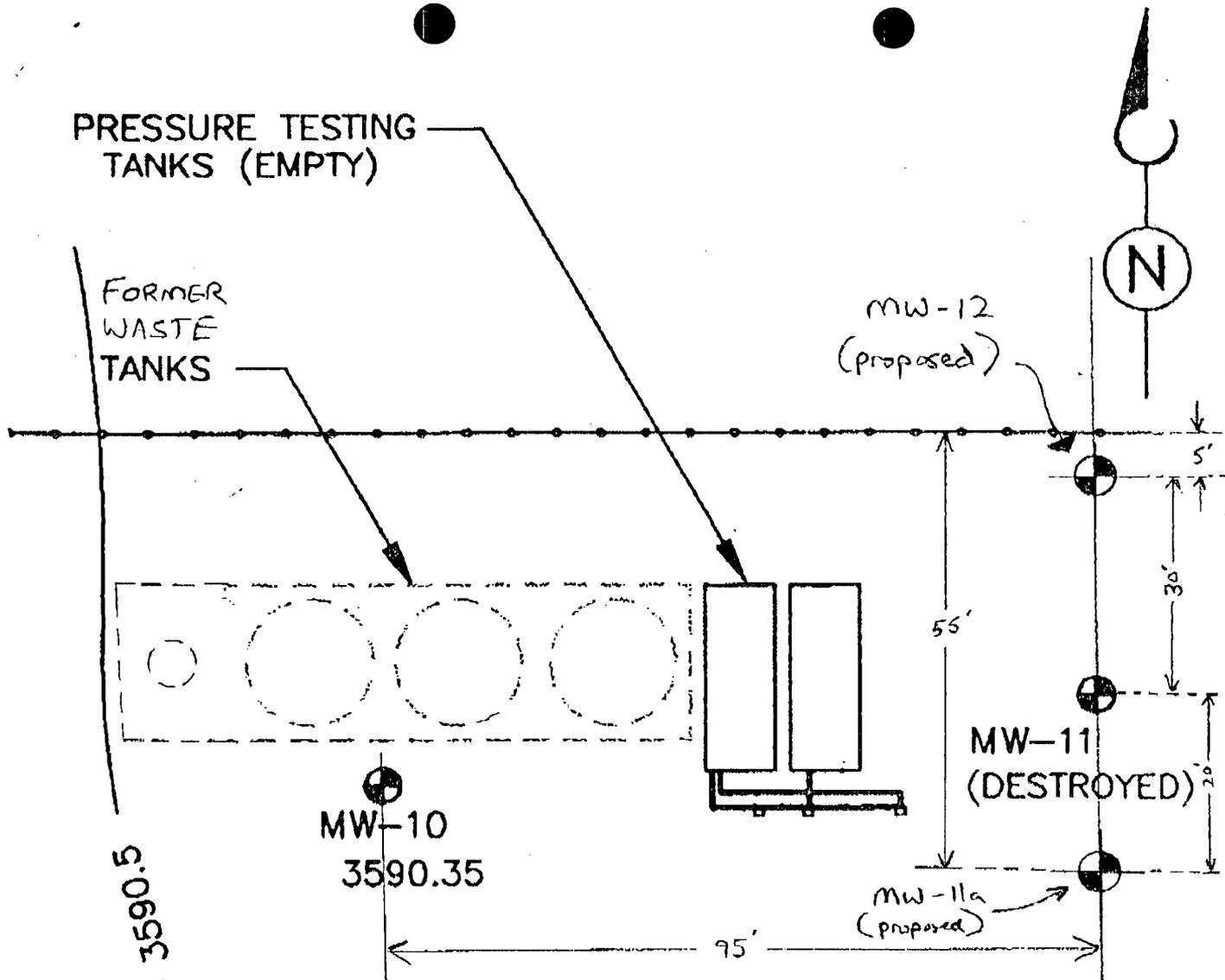
As we discussed this morning, I am writing this letter to confirm our agreement regarding the placement of an additional monitoring well and the replacement of MW-11 which was destroyed. BJ Services Company, U.S.A. (BJ Services) proposes to install a groundwater monitoring well (MW-12) following NMOCD guidelines approximately 30 feet directly north of the former location of MW-11 (5 feet south of the existing fence line). BJ Services also proposes to replace MW-11 (MW-11a) at a location 20 feet directly south of the former location of MW-11 (approximately 55 feet due south of the existing fence line). Both of these wells would be installed in the same water-bearing zone that MW-11 was installed using NMOCD approved techniques and construction standards. Brown and Caldwell would be overseeing the installation and completion of these wells.

Please let me know if this plan meets with your approval. If you have any questions or concerns regarding this matter, please call me at (281) 363-7521. Thank you.

Sincerely,

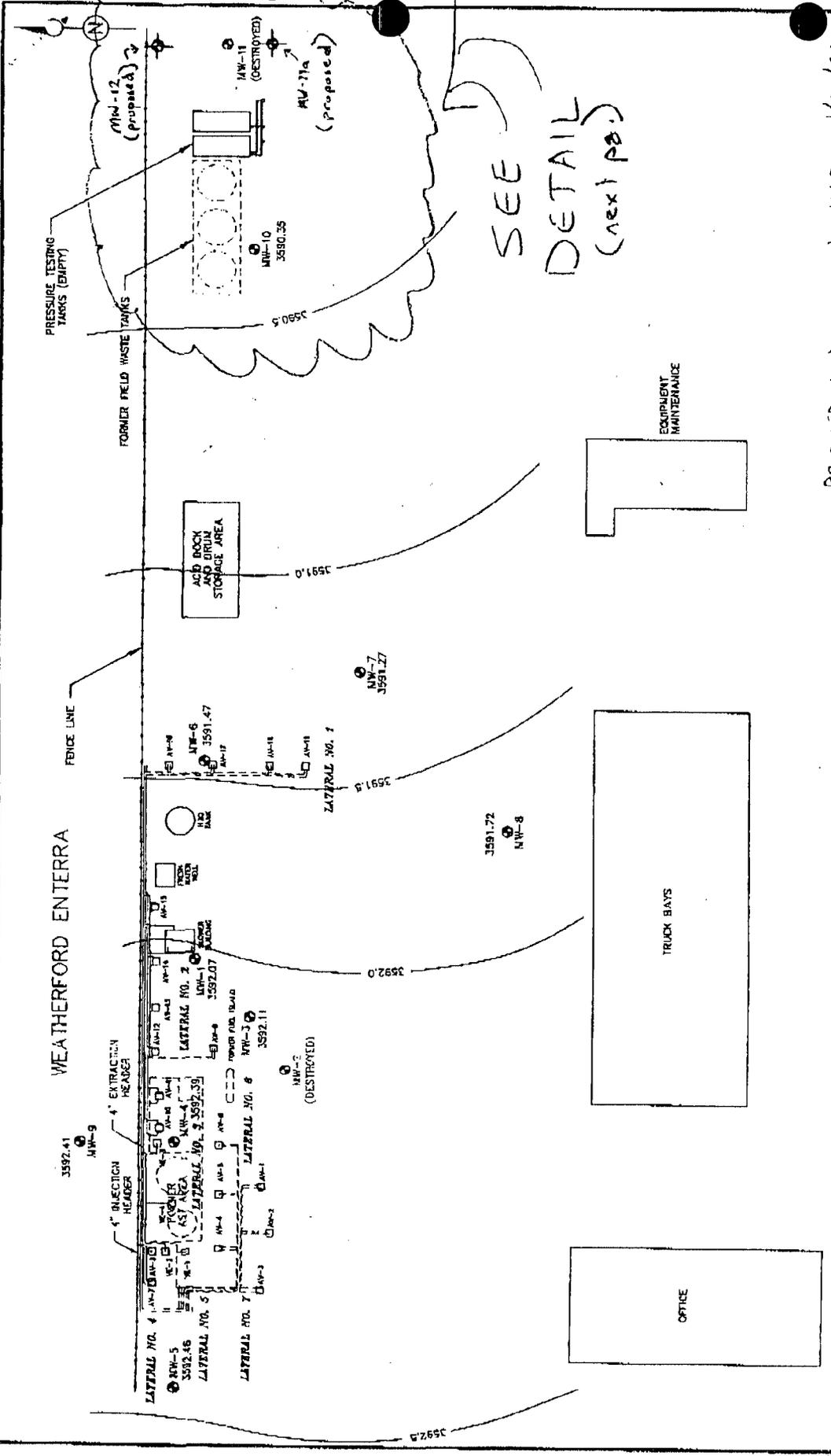
Rick N. Johnson
Environmental Specialist

c: Ms. JoAnn Cobb, BJ Services
Mr. Charles Smith, BJ Services
Mr. Wayne Price, OCD - Hobbs, NM
Mr. Bob Jennings, Brown and Caldwell - Houston



* → All measurements are approximate - adjustments may need to be made in the field

DETAIL AREA
 PROPOSED MONITORING
 WELL LOCATIONS
 NTS!
 1/29/98



DATE	01/05/98
PROJECT NUMBER	2832-13
SITE	HOBBS, NEW MEXICO
PICTURE NUMBER	2

Proposed MW Location Map 1/29/98
 POTENTIOMETRIC SURFACE CONTOUR MAP FOR DECEMBER 10, 1997
 CLIENT: BJ SERVICES COMPANY, U.S.A.
 TITLE: POTENTIOMETRIC SURFACE CONTOUR MAP FOR DECEMBER 10, 1997

LEGEND:
 MONITORING WELL LOCATION AND IDENTIFICATION
 POTENTIOMETRIC CONTOUR

0 20 40
 SCALE: 1" = 40'
 DRAWN BY: DATE: 1/29/98
 CHECKED BY: DATE:
 APPROVED: DATE:

BROWN AND CALDWELL
 HOUSTON, TEXAS

SUBMITTED: PROJECT MANAGER DATE:
 APPROVED: PROJECT MANAGER DATE:

17:4812(P0111297 (1-30) 01-03-98 JR

Mark Ashley

From: Wayne Price
Sent: Saturday, September 27, 1997 5:26 PM
To: Mark Ashley
Cc: Chris Williams
Subject: BJ-Hobbs Groundwater Sampling Report
Importance: High

Re: Former Underground Field Waste Tanks:

Dear Mark,

District I has received and reviewed the March 97 report submitted by Brown & Caldwell.

I have the following comments & recommendations:

Comments:

✓ After reviewing the report I see no mention of the UST closure. However they did include isoconcentration (isopleths) and potentiometric surface maps for this area.

✓ It appears that the UST is isolated from the former AST area and this contamination is a separate issue. Also my field inspection revealed that they did not remove all of the contamination. They were suppose to supply bottom hole analysis, I did not see them in the report. *GENERAL IS DONE FROM 12-96. WERE CONTINUE TO MONITOR*

SEE TABLE 1 IN CASE FILE R1001 6-7-97 Please note they are only checking MW-10 & 11 for chemical constituents that would have been found in the AST diesel tank. As you know the UST's had many different type of waste products. It is aperient they were leaking. I dug through the data and found that TDS and Chlorides are above WQCC standards.

2-7-91 SAMPLING.

Recommendation:

I recommend that BJ be required to perform an independent site assessment and install additional MW's and be required to initially sample for WQCC constituents. Also please note that it appears the ground water gradient is going off-site.



RECEIVED

JUN - 9 1997

Environmental Bureau
Oil Conservation Division

RECEIVED

JUN - 9 1997

CONSERVATION DIVISION

June 3, 1997

Mr. Mark Ashley
New Mexico Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

2832-33

Subject: Minor Modification to Hobbs Discharge Plan GW-72
Addition of Water Reclaim Tank at Acid Dock Area
Hobbs, New Mexico Facility

Dear Mr. Ashley:

BJ Services Company, U.S.A. (BJ Services) presents this request for approval of proposed new construction at the Hobbs District Facility acid dock area. The facility modification will consist of adding a 12,000-gallon fiberglass aboveground storage tank, constructing a double-contained sump complete with leak detection, rerouting drain piping from the truck loading pad, installing a pump and transfer piping for liquid handling, and building a 25' x 20' x 4' high concrete containment area. The facility will handle rain water from the truck pad area and new containment area (estimated volume per month of 1,000 gallons), and reclaimed dilute hydrochloric acid (estimated volume per month of 10,000 gallons). Water and dilute acid collected in the tank will be used as make-up water for future acid mixtures.

BJ Services has attached a revised Site Plan and one set of design drawings for the proposed modification. Because this proposed construction is considered a minor facility modification, no fees have been included. With your approval of these modifications, BJ Services Company, U.S.A. anticipates construction of these facilities commencing in early to mid June, 1997. Thank you for your prompt attention to this modification package.

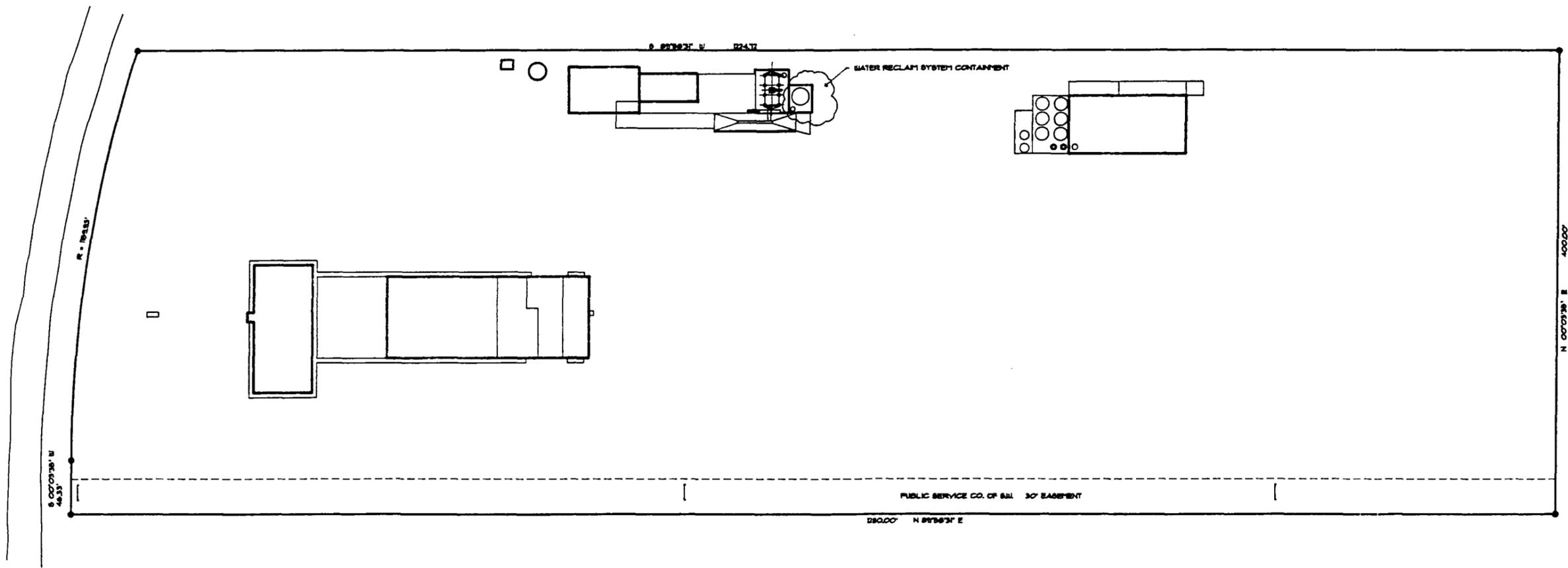
Sincerely,

Jo Ann Cobb, R.E.M.
Manager, Environmental Services

Attachment

CC: Mr. Wayne Price, NMOCD District 1
Mr. Mike McLain, CMC, Inc.
Mr. Robert Jennings, Brown and Caldwell
Mr. Charles Smith, BJ Services Company, U.S.A.

May 22, 1997 at 14:21:27 ** C:\BL-971450\971450.D



EXISTING SITE PLAN
SCALE 1" = 50'-0"

SITE INFORMATION TAKEN FROM A TOPOGRAPHIC FLAT
PREPARED FOR THE WESTERN COMPANY BY ESKOND-HANER, INC.
AMARILLO, MIDLAND, AND ODessa, DATED JAN 1981, PROJECT NO. E-H 3184
AND CHANNEL INFORMATION FROM REVISED TOPO, DATED MARCH 1981

ALTERATIONS TO THE ACID TERMINAL
WATER RECLAIM SYSTEM CONTAINMENT
HOBBS, NEW MEXICO
DISTRICT FACILITY

BJ
BJ Services Company, U.S.A.
11211 FM 2920
Tomball, Tx 77376

PROJECT NO. BJ-8714
JOB NO. 974810
DATE 22 MAY 97
DESIGNER DCS
SCALE 1" = 50'-0" (IND)

SD-1.0

DORLAND CAROL SHELTON AA CCS, ARCHITECT
PLANNING
ARCHITECTURE
INTERIOR DESIGN
LANDSCAPE ARCHITECTURE
ENGINEERING
CONSULTING
11211 FM 2920
TOMBALL, TX 77376
PH 281-291-1111
FAX 281-291-1112
WWW.DCS.COM

EXISTING DRAIN LINE FROM DRIVE ON SLAB
TO EXISTING SLUMP

NEW DOUBLE
CONTAINED SLUMP

25'-0"

NEW 25' X 20' X 4' HIGH - CONCRETE
CONTAINMENT AREA FOR RECLAIM TANK

20'-0"

NEW 12,000 GAL FIBERGLASS
RECLAIM TANK

CONTAINMENT
WATER-RECLAIM-SYSTEM
ACID-TERMINAL
HOBBE, -NM

FDC SERVICES, INC.

Fullerton • Orange • Costa Mesa
1000 N. Harbor, Suite 100
Fullerton, Texas 77430

8175 301-1316

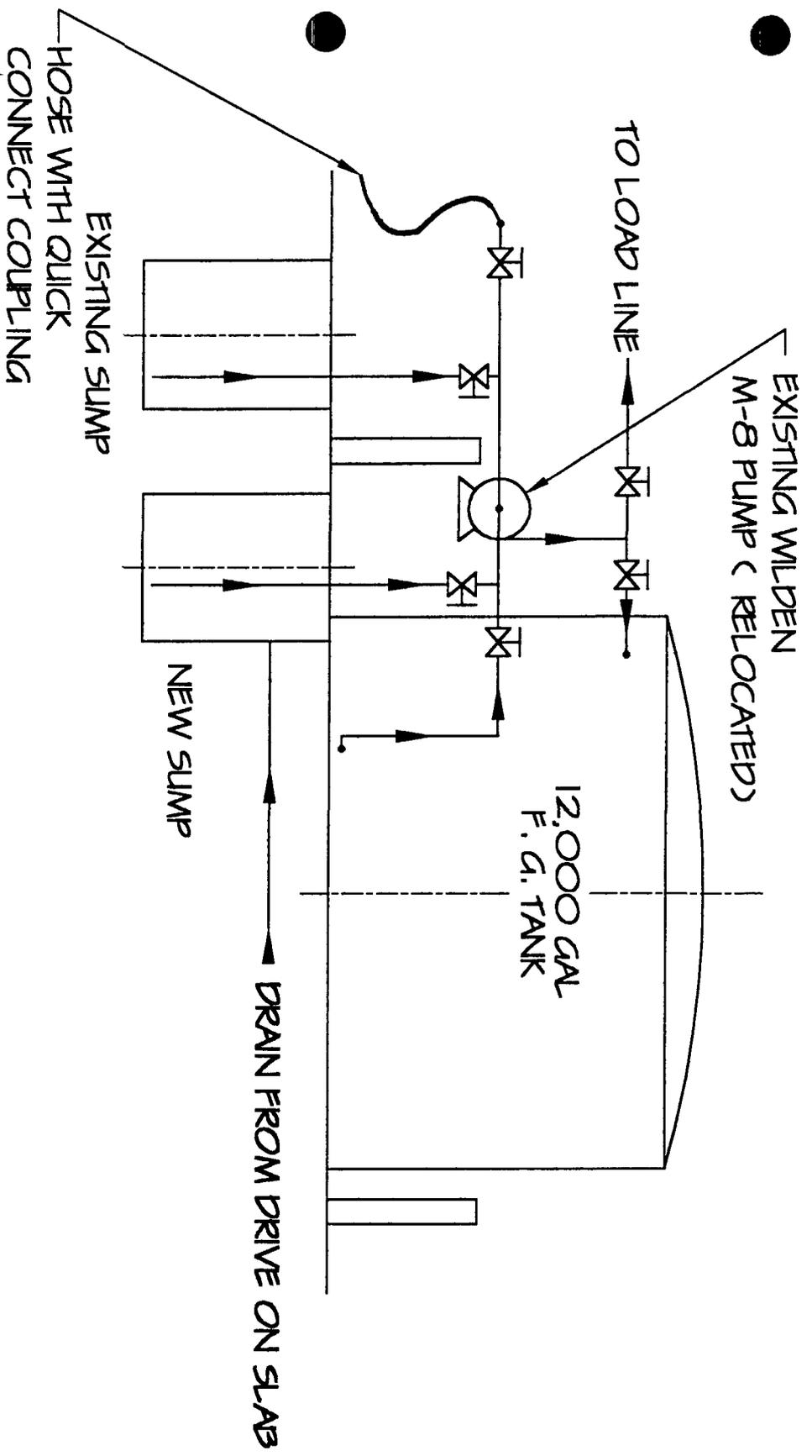
THE INFORMATION CONTAINED HEREIN SHALL BE
CONSIDERED THE SOLE PROPERTY OF FDC SERVICES,
INC. AND THE COMPANY HEREBY GRANTS
YOU TO HOLD AND REPRODUCE TO FURNISH
ALONG THE COMPANY'S INSTRUMENTS AND
NOT TO USE OR REPRODUCE THIS INFORMATION
FOR ANY PURPOSES EXCEPT AS AUTHORIZED BY
THE COMPANY AND WITHOUT THE WRITTEN
PERMISSION OF FDC SERVICES CORPORATION.

15

NO.	DATE	BY

DESIGNER	DATE

NO.	DESCRIPTION	DATE	BY



HOSE WITH QUICK
CONNECT COUPLING

EXISTING SUMP

NEW SUMP

DRAIN FROM DRIVE ON SLAB

12,000 GAL
F. G. TANK

EXISTING WILDEN
M-8 PUMP (RELOCATED)

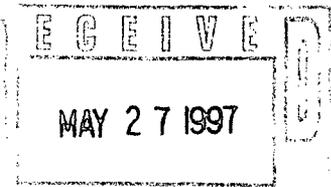
TO LOAD LINE

NO.	DATE	DESCRIPTION

PIPING—SCHEMATIC
WATER—RECLAIM—SYSTEM
ACID—TERMINAL
HOBBE,—NM

FDC SERVICES, INC.
 Fluids • Pipes • Components
 1000 N. Main, Suite 200
 Fort Worth, Texas 76104
 (817) 336-1200

THE OPERATOR CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE PUBLIC AND THE ENVIRONMENT FROM HAZARDOUS WASTE. THE CONTRACTOR SHALL NOT BE HELD RESPONSIBLE FOR HAZARDOUS WASTE REMEDIATION OR FOR THE PROTECTION OF THE PUBLIC AND THE ENVIRONMENT FROM HAZARDOUS WASTE. THE CONTRACTOR SHALL NOT BE HELD RESPONSIBLE FOR HAZARDOUS WASTE REMEDIATION OR FOR THE PROTECTION OF THE PUBLIC AND THE ENVIRONMENT FROM HAZARDOUS WASTE.



WASTEWATER DIVISION

May 21, 1997

CERTIFIED MAIL NO. P 414 631 837

Return Receipt Requested

Mr. Mark Ashley
State of New Mexico
Energy, Minerals, and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
State Land Office Building
Santa Fe, NM 87505

RE: Wastewater Tank System Closure Report - Request for Extension
BJ Services Company, U.S.A.
Hobbs, New Mexico Facility

Dear Mr. Ashley:

BJ Services Company, U.S.A. (BJ Services) is requesting a 30 day extension to complete the above referenced closure report. In the original closure plan submitted to your agency, a closure report was to be submitted to you documenting field activities related to the tank system closure 45 days after field activities were completed. All field activities were completed on April 13, 1997 making the closure report due May 28, 1997. However, it is taking longer than anticipated to compile all of the required documentation related to the closure. If you have any questions or concerns regarding this matter, please call me at (281) 363-7521. Thank you.

Sincerely,

Rick N. Johnson
Environmental Specialist

cc: JoAnn Cobb





THE CITY OF
HOBBS, NEW MEXICO

(505) 397-9231

• 300 NORTH TURNER •

HOBBS, NEW MEXICO 88240

FAX # (505) 397-9334

Office of
EMERGENCY MANAGEMENT/SAFETY
LEPC—SARA TITLE III
HAZ-MAT

April 15, 1997

New Mexico Oil Conservation Commission
Attention: Roger Anderson
2040 S. Pacheco
Santa Fe, NM 87505

**Re: County-Wide Household Hazardous Waste Collection (HHWC)
Saturday, April 19, 1997 - Lea County, New Mexico**

Dear Mr. Anderson:

Hobbs Beautiful, in conjunction with the City of Hobbs, is hosting a County-Wide Household Hazardous Waste Collection on Saturday, April 19, 1997. All municipalities within Lea County will be participating in the collection of household hazardous wastes on that date.

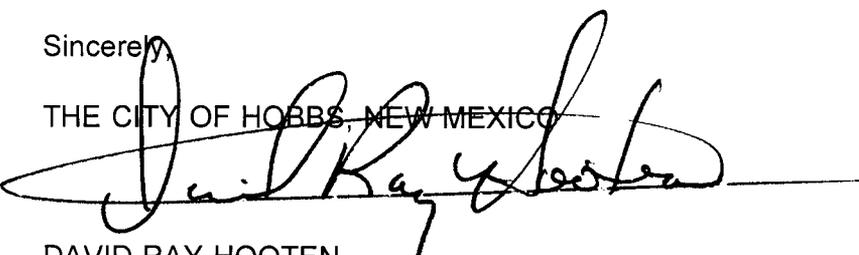
BJ Services from Houston, Texas, who is funding this Supplemental Environment Project (SEP), will be in town to participate and observe collection of the various household hazardous wastes. We would like to extend an invitation to the State of New Mexico and its various departmental agencies to attend and observe the collection on April 19, 1997. This is the first time that a county-wide effort of this magnitude has been undertaken within the State of New Mexico.

Hobbs Beautiful and the City of Hobbs conducted two previous HHWC dates on September 21, 1996, and January 18, 1997. Both events were successful with a large quantity of hazardous and waste chemicals being brought to the collection sites. We anticipate that we will receive a large response to the joint county-wide effort.

Should you have any questions or need further information, please do not hesitate to contact this office. We hope to see you or a representative from your office on Saturday.

Sincerely,

~~THE CITY OF HOBBS, NEW MEXICO~~


DAVID RAY HOOTEN
Emergency Management/Safety Director

DRH/jf

MEMORANDUM OF MEETING OR CONVERSATION

<input checked="" type="checkbox"/> Telephone	<input type="checkbox"/> Personal	Time 8:25 AM	Date 3-11-97
---	-----------------------------------	-----------------	-----------------

<u>Originating Party</u> RICK REXROAD	<u>Other Parties</u> MARK ASALBY
--	-------------------------------------

Subject
BT ARTESIA - OLD TRUCK WASH DRAIN SYSTEM
BT HOBBS - OLD FIELD WASTE TANKS

Discussion
ARTESIA - A SUB WAS POURED BEFORE VERTICLE EXTENT ~~WAS~~
HAD BEEN DETERMINED.

HOBBS - BT WANTS TO USE EXISTING MONITOR WELLS (MW-10, MW-11)
AND NOT INSTALL ANY NEW ONES

Conclusions or Agreements
ARTESIA - VERTICLE EXTENT WILL BE DETERMINED
ONCE CONCRETE SETS.
HOBBS - IF MW-10 CAN BE REENTERED, THE
CURRENTS WELLS (MW-10, MW-11) WILL BE SUFFICIENT.

Distribution

Signed

Mark Asalby

Mark Ashley

From: Wayne Price
Sent: Monday, March 10, 1997 9:26 AM
To: Mark Ashley
Cc: Jerry Sexton
Subject: FW: BJ-Hobbs UST Removal
Importance: High

Mark,

I failed to mention that the soils under both B&C tanks are highly volatile. A field test using the contractors PID indicated a value > 2000 ppm which is the limit of the PID.

From: Wayne Price
To: Mark Ashley
Cc: Jerry Sexton
Subject: BJ-Hobbs UST Removal
Date: Monday, March 10, 1997 9:12AM
Priority: High

Dear Mark,

Due to field observations and a on-site meeting with Rick Johnson BJ- Envr. Rep. I have made recommendations to BJ to run TPH 418.1 on samples under tanks B&C in lieu of the 8015m proposed in the plan. BJ indicated they will also screen for PAH's. I made another recommendation for them to run TOX a screen for halogenated compounds.

The area under the tanks B&C exhibits gross contamination. They are at a depth of approx. 22 feet.

BJ has taken pictures.

Rick Johnson requested I fax him a copy of my recommendations.

CC: Rick Johson BJ- fax# 281-363-7595

Mark Ashley

From: Wayne Price
Sent: Monday, March 10, 1997 9:12 AM
To: Mark Ashley
Cc: Jerry Sexton
Subject: BJ-Hobbs UST Removal
Importance: High

Dear Mark,

Due to field observations and a on-site meeting with Rick Johnson BJ- Envr. Rep. I have made recommendations to BJ to run TPH 418.1 on samples under tanks B&C in lieu of the 8015m proposed in the plan. BJ indicated they will also screen for PAH's. I made another recommendation for them to run TOX a screen for halogenated compounds.

The area under the tanks B&C exhibits gross contamination. They are at a depth of approx. 22 feet.

BJ has taken pictures.

Rick Johnson requested I fax him a copy of my recommendations.

CC: Rick Johnson BJ- fax# 281-363-7595

MEMORANDUM OF MEETING OR CONVERSATION

<input checked="" type="checkbox"/> Telephone <input type="checkbox"/> Personal	Time 1:25 PM	Date 12-30-96
---	-----------------	------------------

<u>Originating Party</u> MARK ASALEY	<u>Other Parties</u> RICK JOHNSON - BT SERVICES
---	--

Subject FIELD WASTE TANK CLOSURE - BT-NOBBS

Discussion RICK WANT THE DEADLINE OF FEBRUARY 1, 1997 TO
MOVED TO MARCH 1, 1997.

Conclusions or Agreements BT WILL
SUBMIT ^{CLOSURE} REPORT BY MARCH 1, 1997

Distribution Signed Mark Asaley



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

December 17, 1996

CERTIFIED MAIL
RETURN RECEIPT NO. P-288-258-880

Ms. Jo Ann Cobb
BJ Services Company, U.S.A.
8701 New Trails Drive
The Woodlands, Texas 77381

**RE: Field Waste Tanks Closure Plan
Hobbs Facility
Lea County, New Mexico**

Dear Ms. Cobb:

The New Mexico Oil Conservation Division (OCD) has completed a review of BJ Services' (BJ) November 18, 1996 "Field Waste Tanks Closure Plan, Hobbs, New Mexico Facility." This document contains BJ's work plan to remove the four fiberglass field waste tanks, and remediate and determine the extent of potential soil contamination related to the operation of the tank system.

The above referenced work plan is approved with the following conditions:

1. All residual liquids within the tanks will be tested for hazardous constituents prior to disposal at an OCD approved site.
2. All contaminated soils will be removed and tested for hazardous constituents prior to disposal at an OCD approved site.
3. Investigation and remediation of contaminated soils will be conducted according to the OCD's February 1993 "Unlined Surface Impoundment Closure Guidelines."
4. BJ will submit a report on the investigation to the OCD by February 1, 1997. The report will contain:

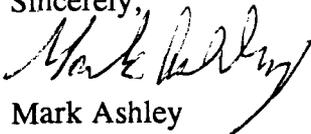
Ms. Jo Ann Cobb
December 17, 1996
Page 2

- a. A description of all activities which occurred during the investigation, conclusions and recommendations.
 - b. A summary of the laboratory analytical results of soil samples.
5. All documents submitted for approval will be submitted to the OCD Santa Fe Office with copies provided to the OCD Hobbs District Office.
 6. The OCD Hobbs District Office will be notified 72 hours prior to all closure activities.

Please be advised that OCD approval does not relieve BJ of liability if contamination exists which is beyond the scope of the work plan or if the activities fail to adequately determine the extent of contamination related to BJ's activities. In addition, OCD approval does not relieve BJ of responsibility for compliance with any other federal, state or local laws and/or regulations.

If you have any questions, please call me at (505) 827-7155.

Sincerely,



Mark Ashley
Geologist

xc: OCD Hobbs Office

P 288 258 880

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for international Mail (See reverse)

Sent to	
Street & Number	
Post Office, State, & ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800 April 1995



November 18, 1996

Mr. Mark Ashley
State of New Mexico
Energy, Minerals, and Natural Resources Department
Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, NM 87504

FIELD WASTE TANKS CLOSURE PLAN
Hobbs, New Mexico Facility

Dear Mr. Ashley:

Enclosed is a closure plan for four fiberglass field waste tanks at our Hobbs, New Mexico Facility. If you have any questions, or need additional information regarding these activities, feel free to contact me at (281) 363-7521. Thank you in advance for your review and comment on the proposed removal activities.

Sincerely,

A handwritten signature in black ink, appearing to read 'Rick N. Johnson', with a long horizontal line extending to the right.

Rick N. Johnson
Environmental Specialist

cc: Brad Brooks, BJ Services Company, U.S.A., Hobbs, New Mexico Facility

Enclosure

**FIELD WASTE TANKS
CLOSURE PLAN**
BJ Services Company, U.S.A.
Hobbs, New Mexico Facility

November 18, 1996

Prepared by



BJ Services Company, U.S.A.
8701 New Trails Drive
The Woodlands, Texas

TABLE OF CONTENTS

1.0	INTRODUCTION.....	1-1
2.0	SITE ASSESSMENT.....	2-1
2.1	General Site Characteristics.....	2-1
2.2	Preliminary Site Ranking.....	2-2
2.3	Soil/Waste Characteristics.....	2-2
3.0	SITE ASSESSMENT REPORT.....	3-1
3.1	Soil Remediation Levels.....	3-1
3.2	Remediation Alternatives.....	3-1

FIGURES

TABLES

LIST OF FIGURES

Figure 1 Site Location Map
Figure 2 Site Map

LIST OF TABLES

Table 1 Soil Remediation Levels

1.0 INTRODUCTION

BJ Services Company, U.S.A. (BJ Services) has developed this closure plan for the removal of four fiberglass field waste tanks at the BJ Services Hobbs facility. The Hobbs facility is located north of Hobbs, New Mexico at 2708 West County Road. A site location map (Figure 1) and site layout map (Figure 2) are attached.

Three of the field waste tanks have a capacity of 12,000 gallons, while the fourth tank has a capacity of 800 gallons. Each of the four tanks are partially buried below grade. The four tanks received wastewater from activities associated with oil and gas well servicing.

This closure plan is prepared in general accordance with the New Mexico Oil Conservation Division (OCD) guidance document entitled, *Unlined Surface Impoundment Closure Guidelines* (1993). In accordance with the guidance document, this closure plan contains the following elements:

- The determination of general site characteristics and preliminary site ranking.
- The development of soil remediation levels for site closure.
- The procedures that will be used to conduct a site assessment for the closure of the field waste tanks.
- The procedures that will be used to remove the field waste tanks, collect verification samples, and manage, remediate or dispose of waste material and contaminated soil generated during closure activities.
- Reporting procedures that will be used to document the closure activities and obtain approval for final closure from the OCD.

2.0 SITE ASSESSMENT

In accordance with the OCD guidance document, BJ Services will perform an assessment prior to final site closure to determine the extent to which soils and/or groundwater may have been impacted by the operation of the field waste tanks. Assessment information will include general site conditions, soil/waste characteristics, and groundwater quality if encountered. The results of the assessment will form the basis for any required remediation.

2.1 General Site Characteristics

The following general site characteristics have been determined for the Hobbs facility in order to evaluate the site's potential risks, the need for remedial action, and if necessary, the level of cleanup required at the site. This information will be used to determine the appropriate soil remediation levels using a risk-based approach.

2.1.1 Depth to Groundwater

The depth to groundwater is defined as the vertical distance from the lowermost contaminants to the seasonal high water elevation of the groundwater.

The estimated depth to water near the field waste tanks at the Hobbs facility is 52.36 feet below ground surface (BGS). This estimated depth is based on cumulative groundwater elevation data (August 1993 to November 1995) for monitoring well MW-10, which is located approximately 20 feet south of the field waste tanks. Considering the bottom of the field waste tanks are at a depth of approximately 10 feet BGS, the vertical distance from the lowermost potential contaminants to groundwater is estimated to be 42.36 feet.

<u>Depth to Groundwater</u>	<u>Ranking Score</u>	<u>Site Score</u>
< 50 feet	20	20
50 -99 feet	10	-
> 100 feet	0	-

2.1.2 Wellhead Protection Area

The horizontal distance from nearby water sources and private, domestic water sources has been determined for the site. A water source includes wells, springs, or other sources of fresh water extraction. Private, domestic water sources include those water sources used by less than five households for domestic or stock purposes.

Based on previous information collected for the Hobbs facility, no potable water sources or private, domestic water sources are located within 1,000 feet of the site.

<u>Wellhead Protection Area</u>	<u>Ranking Score</u>	<u>Site Score</u>
< 1,000 feet from water source or; < 200 feet from private, domestic water source		
Yes	20	0
No	0	-

2.1.3 Distance To Nearest Surface Water Body

The horizontal distance to nearby downgradient surface water bodies has been determined. Surface water bodies are defined as perennial rivers, streams, creeks, irrigation canals and ditches, lakes, and ponds.

Groundwater flow at the site is to the east. This is based on cumulative groundwater elevation data (August 1993 to November 1995) for monitoring wells located at the Hobbs facility. Previous information collected for the Hobbs facility indicates no surface water bodies are located within 1,000 feet downgradient of the site.

<u>Distance to Surface Water Body</u>	<u>Ranking Score</u>	<u>Site Score</u>
< 200 horizontal feet	20	-
200 - 1,000 horizontal feet	10	-
> 1,000 horizontal feet	0	0

2.2 Preliminary Site Ranking

Based wholly on the groundwater information available and presented above, the site ranking for the Hobbs facility is 20. According to the OCD guidance document, a site ranking of >19 requires remediation levels as presented in Table 1- Soil Remediation Levels.

2.3 Soil/Waste Characteristics

BJ Services intends to permanently remove the four field waste tanks from service at the Hobbs facility. Prior to removal of the tanks, residual liquids and solids will be removed from the tanks and transported to an offsite facility for treatment/disposal. Following tank removal, the tanks and associated lines will be transported to an offsite facility for recycling or disposal. Upon completion of the tank removal activities impacted soils will be field screened and excavated for treatment and/or disposal.

Based on visual observation, highly petroleum contaminated/saturated soils will be excavated for treatment or disposal in accordance with the OCD guidance document. Highly petroleum contaminated/saturated soils are those soils which contain observable free petroleum hydrocarbons or immiscible phases and gross staining.

Unsaturated petroleum contaminated soils encountered during the removal activities will be field screened with an organic vapor monitor (OVM) and remediated in accordance

with the OCD guidance document. Unsaturated petroleum contaminated soils are those that are not highly contaminated as described above, but contain measurable concentrations of petroleum contaminants.

Soil verification samples will be collected following removal of the field waste tanks and excavation of petroleum contaminated soil. One composite soil sample will be collected for laboratory analysis from beneath each former tank and each excavation sidewall. The samples from beneath each former tank will be composited from five grab samples collected from the one to three foot interval of soil from the excavation floor. The sample from each sidewall of the tank excavation will also be composited from five grab samples collected from the lower 1/3 of the excavation sidewall.

Soil samples will be collected with decontaminated sampling equipment and composited in the field. The composited samples will be placed in laboratory supplied jars, labeled, and placed on ice in an insulated cooler for shipment via overnight carrier to the laboratory. Each cooler will be accompanied by completed chain-of-custody documentation. Water generated during decontamination of sampling equipment will be collected in steel drums or other appropriate containers pending treatment or disposal.

Soil samples will be analyzed for Total Petroleum Hydrocarbons (TPH) by EPA Method 8015 modified for diesel range organics and benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8020. Two excavation samples, one bottom and one sidewall, will also be analyzed for RCRA metals. The samples for metals analyses will be chosen based on visual staining and the highest field determined OVM measurements.

In accordance with the OCD guidance document, all highly petroleum contaminated/saturated soils encountered during the tank removal activities will be remediated in-situ or excavated to the maximum extent practicable. Unsaturated contaminated soils may require remediation based on the general site characteristics presented in this closure plan and used to determine the appropriate soil remediation levels using a risk based approach. Soils contaminated with substances other than petroleum hydrocarbons may be required to be remediated based on the nature of the contamination and their potential to impact public health and the environment.

Tank removal activities are planned to commence within 14 days of approval of this closure plan by the OCD. The removal activities are planned to be completed within 30 days of start-up.

3.0 SITE ASSESSMENT REPORT

The field procedures and analytical results documenting closure of the field waste tanks will be presented in a site assessment report. The report will be submitted to the OCD within 45 days after field activities are completed. The report will include a description of the tank removal activities, excavation of impacted soil, verification sampling procedures and analytical results, and disposition of waste materials associated with the tank removals. A figure showing the layout of the former tanks and the locations of verification samples will also be included. The sample results will be used in conjunction with the ranking score to verify final closure in accordance with the OCD guidance document.

If analytical results indicate additional assessment or remediation is not necessary, the assessment report will propose no further action and BJ Services will request approval for final closure of the former field waste tanks.

3.1 Soil Remediation Levels

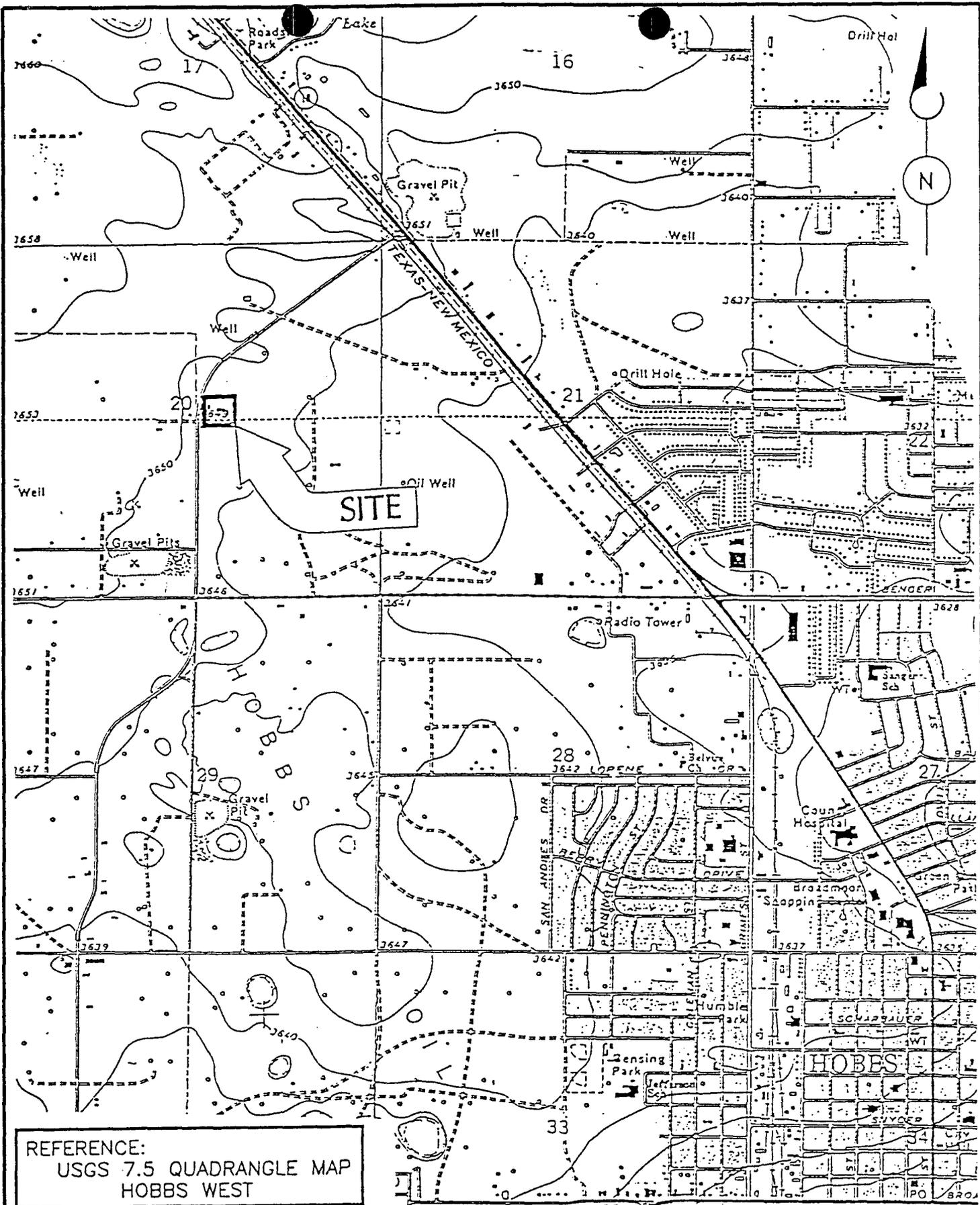
Upon removal of the field waste tanks, BJ Services will determine the extent of contaminated soils, if any, by field screening with an OVM and collecting soil samples from the excavation for laboratory analyses. When sample analytical results are obtained, they will be compared to the soil remediation levels for particular constituents. Soil remediation levels for the removal of the field waste tanks and associated petroleum contaminated soils are presented in Table 1.

3.2 Remediation Alternatives

If soil analytical results exceed the soil remediation levels, BJ Services may propose alternate remediation levels (if warranted by site specific conditions) for OCD review and approval, or propose no further action by conducting a baseline risk assessment utilizing the site assessment data.

If remediation is determined to be necessary, feasible remediation alternatives will be presented in the site assessment report. Remediation alternatives may include: further excavation and offsite disposal, landfarming of impacted soil, or in-situ treatment such as vapor sparging, bioremediation, and bioattenuation. BJ Services will not commence further remediation until the OCD has reviewed and approved the recommended remediation alternatives.

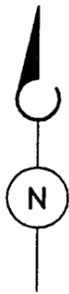
FIGURES



REFERENCE:
 USGS 7.5 QUADRANGLE MAP
 HOBBS WEST

E:\1151.10\SITE

BROWN AND CALDWELL HOUSTON, TEXAS SUBMITTED BY: KACHIRAYAN SARAVANAN PROJECT MANAGER APPROVED: AUSTIN I. COOLEY, P.E. DATE: 3/15 BROWN AND CALDWELL	0 1000 2000 SCALE: 1" = 2000' DRAWN BY: OHD DATE 3/3 CHK'D BY: KS DATE 3/15 APPROVED: AIC DATE 3/15	TITLE SITE LOCATION MAP CLIENT THE WESTERN COMPANY OF NORTH AMERICA SITE LOCATION HOBBS, NEW MEXICO	DATE 3/16/94 PROJECT NUMBER 1151.30 FIGURE NUMBER 1
--	---	---	---



HOMCO PROPERTY

PRESSURE TESTING TANKS (EMPTY)

FENCE LINE

FIELD WASTE TANKS

MW-5

FORMER AST AREA

MW-9

MW-4

MW-1



FRESH WATER WELL

MW-6

ACID DOCK

MW-10

MW-11

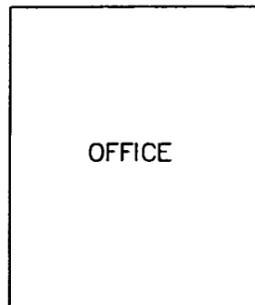
BULK PLANT

FORMER FUEL ISLAND MW-3

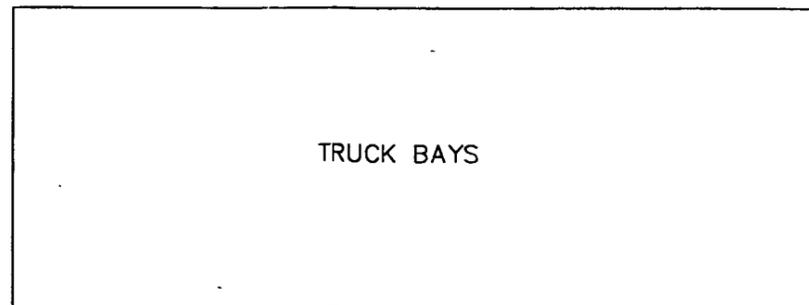
MW-2 (DESTROYED)

MW-7

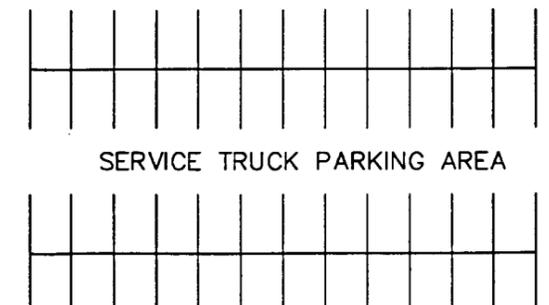
MW-8



OFFICE



TRUCK BAYS



SERVICE TRUCK PARKING AREA

T:\2832\SITEMAP 12/19/95 DHD

BROWN AND CALDWELL
HOUSTON, TEXAS

SUBMITTED: _____ DATE: _____
PROJECT MANAGER
APPROVED: *[Signature]* DATE: *9/96*
BROWN AND CALDWELL



SCALE: 1" = 40'
DRAWN BY: *DHD* DATE: *9/11*
CHK'D BY: *[Signature]* DATE: *4/96*
APPROVED: _____ DATE: _____

LEGEND



MW-8

MONITORING WELL LOCATION AND IDENTIFICATION

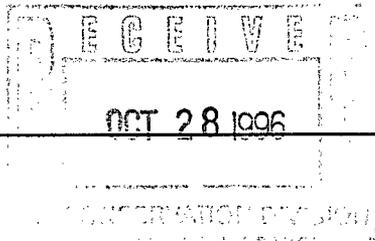
TITLE	SITE MAP	DATE	12/19/95
CLIENT	BJ SERVICES COMPANY, U.S.A.	PROJECT NUMBER	2832-10
SITE	HOBBS, NEW MEXICO	FIGURE NUMBER	2

TABLES

TABLE 1**Soil Remediation Levels**

Contaminant	Regulatory Remediation Level
Benzene	*10 ppm
Total BTEX	*50 ppm
TPH	*100 ppm
RCRA Metals (if necessary)	
Arsenic	5.0 (mg/L TCLP)
Barium	100.0 (mg/L TCLP)
Cadmium	1.0 (mg/L TCLP)
Chromium	5.0 (mg/L TCLP)
Lead	5.0 (mg/L TCLP)
Mercury	0.2 (mg/L TCLP)
Selenium	1.0 (mg/L TCLP)
Silver	5.0 (mg/L TCLP)

* These limits are based on a ranking score of > 19, and are outlined in the OCD guidance document.



Jo Ann Cobb, REM
Manager, Environmental Services
713-363-7528 FAX 713-363-7595

October 23, 1996

Mr. William J. LeMay
New Mexico Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

RE: Discharge Plan GW-72 Renewal
Hobbs Facility
Lea County, New Mexico

Dear Mr. Anderson:

Please find enclosed the signed copy of the discharge plan requirements. Also enclosed is the check for the \$690.00 fee.

Thank you for your assistance with these matters.

Sincerely,

Jo Ann Cobb

c: Clint Chamberlain, BJ
c: OCD, Hobbs



Jo Ann Cobb, REM
Manager, Environmental Services
713-363-7528 FAX 713-363-7595

August 15, 1996

Mr. Roger Anderson
New Mexico Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

RE: Discharge Plan GW-72 Modification
Hobbs Facility
Lea County, New Mexico

Dear Mr. Anderson:

Please find enclosed the signed copy of the discharge plan modification requirements. BJ Services would like to thank you for your assistance in getting these modifications approved.

Sincerely,

A handwritten signature in cursive script that reads "Jo Ann Cobb".

Jo Ann Cobb

c: OCD, Hobbs

ATTACHMENT TO THE DISCHARGE PLAN GW-72 MODIFICATION APPROVAL
BJ SERVICES COMPANY, U.S.A.
HOBBS FACILITY
DISCHARGE PLAN MODIFICATION REQUIREMENTS

1. Payment of Discharge Plan Fees: The \$50 filing fee is due upon receipt of this approval.
2. BJ Commitments: BJ will abide by all commitments submitted in the discharge plan modification application dated July 20, 1996.
3. Process Areas: All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device incorporated into the design.
4. Above Ground Tanks: All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new facilities or modifications to existing facilities must place the tank on an impermeable type pad within the berm.
5. Above Ground Saddle Tanks: Above ground saddle tanks must have impermeable type pad and curb containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.
6. Labeling: All tanks, drums, and other containers should be clearly labeled to identify their contents and other emergency information necessary if they were to rupture, spill, or ignite.
7. Below Grade Tanks/Sumps: All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks must demonstrate integrity on an annual basis. Integrity tests include pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks and/or sumps.
8. Underground Process/Wastewater Lines: All underground process/wastewater lines must be tested to demonstrate their mechanical integrity at present and then every 5 years there after. Permittees may propose various methods for testing such as pressure testing

Ms. Jo Ann Cobb
July 25, 1996
Page 4

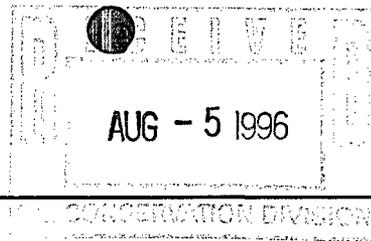
to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD.

9. Housekeeping: All systems designed for spill collection/prevention should be inspected frequently to ensure proper operation and to prevent overtopping or system failure.
10. Spill Reporting: All spills/releases shall be reported pursuant to OCD Rule 116 and WQCC 1203 to the OCD Hobbs District Office.
11. OCD Inspections: Additional requirements may be imposed on the facility based upon OCD inspections.

12. Conditions accepted by:

Jo Ann Cobb
Company Representative
Mgr. Environmental Services
Title

8-15-96
Date



July 29, 1996

Mark Potts, Chief
ALONM Section (6EN-HS)
Compliance Assurance and Enforcement Division
U.S. EPA
1445 Ross Avenue
Dallas, TX 75202-2733

RE: Waste Report to be Filed in Accordance With
Consent Agreement and Consent Order (CACO)
Docket Number: RCRA VI-603-H

Dear Mr. Potts:

BJ Services Company, U.S.A. is submitting the attached table as a description of the wastes generated at the BJ Services facility in Hobbs, New Mexico. This report was requested as part of the referenced CACO in paragraph 40. Analytical data or a material safety data sheet is enclosed to support the waste classifications.

In 1996 this facility will be classified as a small quantity generator. The facility was a large quantity generator in 1995 due to the clean up activities associated with the EPA inspection. The facility does not anticipate being a large quantity generator in the future.

BJ Services has filed a renewal application for the Discharge Plan as required by the New Mexico Energy, Minerals, and Natural Resources Department, Oil Conservation Division (OCD). Being an oil field service company the OCD must approve of the disposal and storage of waste at the facility. This plan outlines all wastes generated at the facility and their ultimate disposition either onsite or offsite. The OCD will be sent a copy of this letter and report also.

Please contact me if any further information is required.

Sincerely,

Jo Ann Cobb, REM
Manager Environmental Services

c: ~~New Mexico OCD~~
Clint Chamberlain, BJ, Hobbs
Mark Airola, BJ, Houston

Waste Streams for BJ Services - Hobbs Facility

Waste Type	Source & Composition	Volume per Month	Volume/Yr	Hazard Classification
Unused cement returned from jobs	Off-spec cement and cement	Cement: 500 sacks	6,000 sacks	NH*
Washing Operations ⁽¹⁾	Waste water from truck wash bay	20,000 gallons	240,000 gallons	NH
Solvent Use ⁽²⁾	Degreasing solvent from cleaning truck parts in the shop	30 gallons	360 gallons	NH
Waste Motor Oil	Shop	500 gallons	6,000 gallons	NH
Oil Filters	Shop	5 drums	60 drums	NH
Solids and Sludges ⁽¹⁾	Wash Bay Dirt	200 gallons	2,400 gallons	NH
Lab Waste ⁽¹⁾	Oil-based liquids	10 gallons	120 gallons	Ignitable
	Water-based liquids	10 gallons	120 gallons	Corrosive

* Non-Hazardous

⁽¹⁾ Analytical Data attached

⁽²⁾ MSDS attached

SAFETY-KLEEN PREMIUM SOLVENT
MATERIAL SAFETY DATA SHEET FOR U.S.A. AND CANADA

SECTION 3 – EMERGENCY AND FIRST AID PROCEDURES

- EYES:** For direct contact, flush eyes with water for 15 minutes lifting upper and lower lids occasionally. If irritation or redness from exposure to vapor or mist develops, move victim away from exposure into fresh air. Consult physician if irritation or pain persists.
- SKIN:** Remove contaminated clothing and shoes. Wash skin twice with soap and water. Consult physician if irritation or pain persists.
- INHALATION:
(Breathing)** Remove to fresh air immediately. Use oxygen if there is difficulty breathing or artificial respiration if breathing has stopped. Do not leave victim unattended. Seek immediate medical attention if necessary.
- INGESTION:
(Swallowing)** Seek immediate medical attention. Do NOT induce vomiting. If spontaneous vomiting occurs, keep head below hips to avoid aspiration (breathing) into the lungs.
- SPECIAL
NOTE TO
PHYSICIAN:** Treat symptomatically and supportively. Administration of gastric lavage, if warranted, should be performed by qualified medical personnel. Contact Rush Poison Control Center (see Section 1) for additional medical information.

SECTION 4 – HEALTH HAZARD DATA AND TOXICOLOGICAL PROPERTIES

PRIMARY ROUTES OF EXPOSURE: Eye and skin contact; inhalation, ingestion.

EXPOSURE LIMITS: See Section 2.

SIGNS AND SYMPTOMS OF EXPOSURE

ACUTE: *Eyes:* Contact with liquid or exposure to vapors may cause mild to moderate irritation with watering, stinging, or redness.

Skin: Contact with liquid or exposure to vapors may cause mild to severe irritation. Contact with liquid or exposure to vapors may cause redness, drying, cracking, burning, or dermatitis. No significant skin absorption hazard.

Inhalation (Breathing): High concentrations of vapor or mist may irritate the nose, throat, or respiratory tract. High concentrations of vapor or mist may cause nausea, vomiting, or irregular heartbeat. High concentrations of vapor or mist may cause headaches, dizziness, incoordination, numbness, unconsciousness, and other central nervous system effects. Massive acute exposure may result in rapid central nervous system depression with sudden collapse, deep coma, and death.

Ingestion (Swallowing): Low order of acute oral toxicity. May cause throat irritation, nausea, vomiting, myocardial (muscular tissue of the heart) injury, arrhythmias (irregular heartbeats), and symptoms of central nervous system effects as listed for *ACUTE Inhalation*. Breathing material into the lungs during ingestion or vomiting may cause mild to severe pulmonary (lung) injury and possibly death.

CHRONIC: Prolonged or repeated eye contact may cause conjunctivitis. Prolonged or repeated skin contact may cause drying, cracking, dermatitis, or burns.

MEDICAL CONDITIONS

**AGGRAVATED BY
EXPOSURE:**

Individuals with pre-existing lung, cardiac, central nervous system, or skin disorders may have increased susceptibility to the effects of exposure.

CARCINOGENICITY:

Not applicable.

**OTHER POTENTIAL
HEALTH HAZARDS:**

The following information is required by Canadian WHMIS regulations. Irritancy is covered in Signs and Symptoms of Exposure in Section 4. There is no known human sensitization, toxicologically synergistic product, reproductive toxicity, mutagenicity, or teratogenicity associated with this product as a whole.

SAFETY-KLEEN PREMIUM SOLVENT
MATERIAL SAFETY DATA SHEET FOR U.S.A. AND CANADA

SECTION 5 – FIRE AND EXPLOSION HAZARD DATA

**EMERGENCY RESPONSE
GUIDE NUMBER:**

27
Reference 1993 *Emergency Response Guidebook* (RSPA P 5800.6)

**FIRE AND
EXPLOSION HAZARDS:**

Decomposition and combustion products may be toxic. Heated containers may rupture, explode, or be thrown into the air. Vapors are heavier than air and may travel great distances to ignition source and flash back. Vapor explosion hazard indoors, outdoors, or in sewers. Run-off to sewer may create fire or explosion hazard. Not sensitive to mechanical impact. Material may be sensitive to static discharge, which could result in fire or explosion.

FIRE FIGHTING PROCEDURES:

Keep storage containers cool with water spray. Positive-pressure, self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide limited protection.

EXTINGUISHING MEDIA:

Carbon dioxide, foam, dry chemical, or water spray.

CONDITIONS OF FLAMMABILITY:

Heat, sparks, or flame.

FLASH POINT:

150°F (66°C) (approximately) Tag Closed Cup

AUTOIGNITION TEMPERATURE:

440°F (227°C) (minimum)

FLAMMABLE LIMITS IN AIR:

LOWER: 1.0 Vol. % **UPPER:** 9.3 Vol. %

**HAZARDOUS COMBUSTION
PRODUCTS:**

Burning may produce carbon monoxide.

SECTION 6 – REACTIVITY DATA

STABILITY:

Stable under normal temperatures and pressures, and not reactive with water.

**INCOMPATIBILITY (MATERIALS AND
CONDITIONS TO AVOID):**

Avoid strong acids, bases, or oxidizing agents. Chlorine may cause a violent reaction. Avoid heat, sparks, or flame.

HAZARDOUS POLYMERIZATION:

Not known to occur under normal temperatures and pressures.

**HAZARDOUS DECOMPOSITION
PRODUCTS:**

None under normal temperatures and pressures.

SECTION 7 – PREVENTIVE MEASURES

PRECAUTIONS FOR SAFE USE AND HANDLING

**HANDLING
PRECAUTIONS:**

Keep away from heat, sparks, or flame. Where explosive mixtures may be present, equipment safe for such locations should be used. When transferring material, metal containers, including tank cars and trucks, should be grounded and bonded. Avoid contact with eyes, skin, clothing, or shoes. Use in well ventilated area and avoid breathing vapor or mist.

**PERSONAL
HYGIENE:**

Use good personal hygiene. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco products. Clean contaminated clothing, shoes, and protective equipment before reuse. Discard contaminated clothing, shoes, or protective equipment if they cannot be thoroughly cleaned.

**SHIPPING AND
STORING
PRECAUTIONS:**

Keep container tightly closed when not in use and during transport. Do not pressurize, drill, cut, heat, weld, braze, grind, or expose containers to flame or other sources of ignition. Empty product containers may contain product residue. See Section 9 for Packing Group information.

SAFETY-KLEEN PREMIUM SOLVENT
MATERIAL SAFETY DATA SHEET FOR U.S.A. AND CANADA

SPILL PROCEDURES:

Remove all ignition sources. Stop leak if you can do it without risk. Wear protective equipment specified in Section 7, CONTROL MEASURES. Ventilate area and avoid breathing vapor or mist. Water spray may reduce vapor, but it may not prevent ignition in closed spaces. For large spills, isolate area and deny entry; dike far ahead of liquid spill for later disposal. Contain away from surface waters and sewers. If possible, contain as a liquid for possible re-refining or sorb with compatible sorbent material and shovel with a non-sparking tool into closable container for disposal. See 1993 *Emergency Response Guidebook* (RSPA P 5800.6) Guide Number 27 for more information.

WASTE DISPOSAL METHODS:

Dispose in accordance with federal, state, provincial, and local regulations. Contact Safety-Kleen regarding recycling or proper disposal.

CONTROL MEASURES

EYE PROTECTION:

Where there is likelihood of eye contact, wear chemical goggles; do NOT wear contact lenses.

PROTECTIVE GLOVES:

Use Nitrile, Viton[®], or equivalent gloves to prevent contact with skin. Use of Butyl rubber, natural rubber, or equivalent gloves is not recommended.

RESPIRATORY PROTECTION:

Use NIOSH/MSHA-approved respiratory protective equipment when concentration of vapor or mist exceeds applicable exposure limit. A self-contained breathing apparatus (SCBA) and full protective equipment are required for large spills or fire emergencies. Selection and use of respiratory protective equipment should be in accordance in the U.S.A. with OSHA General Industry Standard 29 CFR 1910.134 or in Canada with CSA Standard Z94.4-M1982.

ENGINEERING CONTROLS:

Provide process enclosure or local ventilation needed to maintain concentration of vapor or mist below applicable exposure limits. Where explosive mixtures may be present, equipment safe for such locations should be used.

OTHER PROTECTIVE EQUIPMENT:

Where spills and splashes are possible, wear appropriate solvent-resistant boots, apron, or other protective clothing. Clean water should be available in work areas for flushing the eyes and skin.

SECTION 8 -- PHYSICAL DATA

PHYSICAL STATE, APPEARANCE AND ODOR:

Liquid, clear and colorless (water white), with characteristic hydrocarbon odor.

ODOR THRESHOLD:

30 ppm (based on Stoddard Solvent)

SPECIFIC GRAVITY:

0.78 to 0.82 (60°/60°F) (15.6°/15.6°C) (water = 1)

DENSITY:

6.5 to 6.8 lb/US gal (780 to 820 g/l)

VAPOR DENSITY:

5.3 to 6.2 (air = 1)

VAPOR PRESSURE:

0.4 to 1 mm Hg at 68°F (20°C)

BOILING POINT:

350° to 470°F (177° to 244°C)

FREEZING POINT:

less than -45°F (-43°C)

pH:

Not applicable.

VOLATILE ORGANIC COMPOUNDS: (US EPA DEFINITION)

100 WT%; 6.5 to 6.8 lb/US gal; 780 to 820 g/l

EVAPORATION RATE:

less than 0.1 (butyl acetate = 1)

SOLUBILITY IN WATER:

Insoluble.

SAFETY-KLEEN PREMIUM SOLVENT
MATERIAL SAFETY DATA SHEET FOR U.S.A. AND CANADA

COEFFICIENT OF WATER/OIL DISTRIBUTION: less than 1

MOLECULAR WEIGHT: 155 to 180

SECTION 9 – OTHER REGULATORY INFORMATION

TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: COMBUSTIBLE LIQUID, N.O.S. (PETROLEUM NAPHTHA)

DOT CLASS: Combustible Liquid

DOT ID NUMBER: NA1993 PG III

TDG CLASSIFICATION: Not regulated.

SARA TITLE III: Product does not contain toxic chemicals subject to the requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

Product poses the following physical and health hazards as defined in 40 CFR Part 370 and is subject to the requirements of sections 311 and 312 of Title III of the Superfund Amendments and Reauthorization Act of 1986:

Immediate (Acute) Health Hazard
Delayed (Chronic) Health Hazard
Fire Hazard

WHMIS CLASSIFICATION: B3, Flammable and Combustible Material, Combustible Liquids; D2B, Poisonous and Infectious Material, Materials Causing Other Toxic Effects, Toxic Material

TSCA: All of the components for this product are listed on, or are exempted from the requirement to be listed on, the TSCA Inventory.

CALIFORNIA: This product is not for sale or use in the State of California.

User assumes all risks incident to the use of this product. To the best of our knowledge, the information contained herein is accurate. However, Safety-Kleen assumes no liability whatsoever for the accuracy or completeness of the information contained herein. No representations or warranties, either expressed or implied, or merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which information refers. The data contained on this sheet apply to the material as supplied to the user.



NATIONAL
ENVIRONMENTAL
TESTING, INC.

Dallas Division
1548 Valwood Parkway
Suite 118
Carrollton, TX 75006
Tel: (214) 406-8100
Fax: (214) 484-2969

CASE NARRATIVE

David Burkett
BJ SERVICES COMPANY, USA
8701 New Trails Drive
The Woodlands, TX 77381

DATE: 06/08/1996

DATE RECEIVED: 05/16/1996

JOB NO: 96.03868

PROJECT DESCRIPTION: HOBBS DISTRICT

(LAB WASTE, WATER)

LAB ID
306338

CLIENT ID
1-A, B, C

MATRIX
MISC. LIQUID



CASE NARRATIVE

DATE RECEIVED: 05/16/1996

SAMPLE MATRIX: MISC. LIQUID

JOB NO: 96.03868

Client Project ID: HOBBS DISTRICT

QUALITY CONTROL CRITERIA:

Holding Times: All holding times were within method criteria.

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

Instrument Calibration: Both the initial and continuing calibrations were within method quality control criteria.

Surrogate Spikes: All surrogate recoveries were within quality control criteria.

Matrix Spike/Matrix Spike Duplicate (MS/MSD): All MS/MSD recoveries were found to be within quality control limits.

Internal Standard Responses: All internal standard responses met method quality control criteria.

Analysis Comments: No unusual analytical problems were encountered during the analysis of these samples.

Sample analysis in support of the project referenced above has been completed and results are presented on the following pages. Should you have questions regarding procedures or results, please feel free to contact me at (800) 683-6311.

National Environmental Testing, Inc.



Jim Rowley
Project Coordinator
NET-Dallas Division

Date 6/10/96



ANALYTICAL REPORT

DATE: 06/08/1996

JOB NO: 96.03868

DATE TAKEN: 05/14/1996

SAMPLE NO: 306338

DATE RECEIVED: 05/16/1996

SAMPLE DESCRIPTION: 1-A, B, C

RCRA TOXICITY CHARACTERIZATION

TCLP CONTAMINANT	REGULATORY THRESHOLD	ANALYSIS RESULT	UNITS	DATE ANALYZED
TPH-418.1 (Aqueous)		102	mg/L	05/23/1996
Cyanide, Reactive	250	<0.25	mg/kg	05/21/1996
pH, Corrosivity	<2.0/>12.5	1.22	units	05/21/1996
Sulfide, Reactive	500	30	mg/kg	05/21/1996
TCLP-Arsenic, ICP	5.0	0.32	mg/L	05/23/1996
TCLP-Barium, ICP	100.0	1.13	mg/L	05/23/1996
TCLP-Cadmium, ICP	1.0	<0.01	mg/L	05/23/1996
TCLP-Chromium, ICP	5.0	43.8	mg/L	05/23/1996
TCLP-Lead, ICP	5.0	3.42	mg/L	05/23/1996
TCLP-Mercury, CVAA	0.2	13.6	mg/L	05/24/1996
TCLP-Selenium, ICP	1.0	<0.04	mg/L	05/23/1996
TCLP-Silver, ICP	5.0	0.87	mg/L	05/23/1996
Ignitability	<140	>200		05/21/1996
TCLP-ACID EXTRACTABLES - 8270				
TCLP-Benzoic acid		<3.3	mg/L	06/05/1996
TCLP-Benzyl alcohol		63	mg/L	06/05/1996
TCLP-4-Chloro-3-methylphenol		<1.3	mg/L	06/05/1996
TCLP-2-Chlorophenol		<0.66	mg/L	06/05/1996
TCLP-Cresols, Total	200.0	<0.66	mg/L	06/05/1996
TCLP-2,4-Dichlorophenol		<0.66	mg/L	06/05/1996
TCLP-2,4-Dimethylphenol		<0.66	mg/L	06/05/1996
TCLP-2,4-Dinitrophenol		<3.3	mg/L	06/05/1996
TCLP-4,6-Dinitro-2-methylphenol		<3.3	mg/L	06/05/1996
TCLP-2-Methylphenol (o-Cresol)		<0.66	mg/L	06/05/1996
TCLP-4-Methylphenol (p-Cresol)		<0.66	mg/L	06/05/1996
TCLP-2-Nitrophenol		<0.66	mg/L	06/05/1996
TCLP-4-Nitrophenol		<3.3	mg/L	06/05/1996
TCLP-Pentachlorophenol	100.0	<3.3	mg/L	06/05/1996
TCLP-Phenol		<0.66	mg/L	06/05/1996
TCLP-2,4,5-Trichlorophenol	400.0	<0.66	mg/L	06/05/1996
TCLP-2,4,6-Trichlorophenol	2.0	<0.66	mg/L	06/05/1996
SURR: 2-Fluorophenol	21-100	87	% Rec	06/05/1996
SURR: Phenol-d5	10-94	74	% Rec	06/05/1996
SURR: 2,4,6-Tribromophenol	10-123	10	% Rec	06/05/1996
TCLP-BASE NEUTRALS - 8270				
TCLP-Acenaphthene		<0.66	mg/L	06/05/1996



ANALYTICAL REPORT

DATE: 06/08/1996

JOB NO: 96.03868

DATE TAKEN: 05/14/1996

SAMPLE NO: 306338

DATE RECEIVED: 05/16/1996

SAMPLE DESCRIPTION: 1-A, B, C

RCRA TOXICITY CHARACTERIZATION

TCLP CONTAMINANT	REGULATORY THRESHOLD	ANALYSIS RESULT	UNITS	DATE ANALYZED
TCLP-Acenaphthylene		<0.66	mg/L	06/05/1996
TCLP-Aniline		<1.3	mg/L	06/05/1996
TCLP-Anthracene		<0.66	mg/L	06/05/1996
TCLP-Benzidine		<3.3	mg/L	06/05/1996
TCLP-Benzo(a)anthracene		<0.66	mg/L	06/05/1996
TCLP-Benzo(b)fluoranthene		<0.66	mg/L	06/05/1996
TCLP-Benzo(k)fluoranthene		<0.66	mg/L	06/05/1996
TCLP-Benzo(g,h,i)perylene		<0.66	mg/L	06/05/1996
TCLP-Benzo(a)pyrene		<0.66	mg/L	06/05/1996
TCLP-Butyl benzyl phthalate		<0.66	mg/L	06/05/1996
TCLP-Bis(2-chloroethoxy) methane		<0.66	mg/L	06/05/1996
TCLP-Bis(2-chloroethyl) ether		<0.66	mg/L	06/05/1996
TCLP-Bis(2-chloroisopropyl) ether		<0.66	mg/L	06/05/1996
TCLP-Bis(2-ethylhexyl) phthalate		<0.66	mg/L	06/05/1996
TCLP-4-Bromophenylphenyl ether		<0.66	mg/L	06/05/1996
TCLP-4-Chloroaniline		<1.3	mg/L	06/05/1996
TCLP-2-Chloronaphthalene		<0.66	mg/L	06/05/1996
TCLP-4-Chlorophenylphenyl ether		<0.66	mg/L	06/05/1996
TCLP-Chrysene		<0.66	mg/L	06/05/1996
TCLP-Dibenz(a,h)anthracene		<0.66	mg/L	06/05/1996
TCLP-Dibenzofuran		<0.66	mg/L	06/05/1996
TCLP-Di-n-butyl phthalate		<0.66	mg/L	06/05/1996
TCLP-1,2-Dichlorobenzene		<0.66	mg/L	06/05/1996
TCLP-1,3-Dichlorobenzene		<0.66	mg/L	06/05/1996
TCLP-1,4-Dichlorobenzene	7.5	<0.66	mg/L	06/05/1996
TCLP-3,3'-Dichlorobenzidine		<1.3	mg/L	06/05/1996
TCLP-Diethyl phthalate		<0.66	mg/L	06/05/1996
TCLP-Dimethyl phthalate		<0.66	mg/L	06/05/1996
TCLP-2,4-Dinitrotoluene	0.13	<0.66	mg/L	06/05/1996
TCLP-2,6-Dinitrotoluene		<0.66	mg/L	06/05/1996
TCLP-Di-n-octyl phthalate		<0.66	mg/L	06/05/1996
TCLP-Fluoranthene		<0.66	mg/L	06/05/1996
TCLP-Fluorene		<0.66	mg/L	06/05/1996
TCLP-Hexachlorobenzene	0.13	<0.66	mg/L	06/05/1996
TCLP-Hexachlorobutadiene	0.5	<0.66	mg/L	06/05/1996
TCLP-Hexachlorocyclopentadiene		<0.66	mg/L	06/05/1996
TCLP-Hexachloroethane	3.0	<0.66	mg/L	06/05/1996
TCLP-Indeno(1,2,3,cd)pyrene		<0.66	mg/L	06/05/1996



ANALYTICAL REPORT

DATE: 06/08/1996

JOB NO: 96.03868

DATE TAKEN: 05/14/1996

SAMPLE NO: 306338

DATE RECEIVED: 05/16/1996

SAMPLE DESCRIPTION: 1-A, B, C

RCRA TOXICITY CHARACTERIZATION

TCLP CONTAMINANT	REGULATORY THRESHOLD	ANALYSIS RESULT	UNITS	DATE ANALYZED
TCLP-Isophorone		<0.66	mg/L	06/05/1996
TCLP-2-Methylnaphthalene		3.1	mg/L	06/05/1996
TCLP-Naphthalene		3.5	mg/L	06/05/1996
TCLP-2-Nitroaniline		<3.3	mg/L	06/05/1996
TCLP-3-Nitroaniline		<3.3	mg/L	06/05/1996
TCLP-4-Nitroaniline		<1.3	mg/L	06/05/1996
TCLP-Nitrobenzene	2.0	<0.66	mg/L	06/05/1996
TCLP-N-Nitrosodiethylamine		<1.3	mg/L	06/05/1996
TCLP-N-Nitrosodi-n-propylamin		<0.66	mg/L	06/05/1996
TCLP-N-Nitrosodiphenylamine		<0.66	mg/L	06/05/1996
TCLP-Phenanthrene		<0.66	mg/L	06/05/1996
TCLP-Pyridine	5.0	<0.66	mg/L	06/05/1996
TCLP-Pyrene		<0.66	mg/L	06/05/1996
TCLP-1,2,4-Trichlorobenzene		<0.66	mg/L	06/05/1996
SURR: 2-Fluorobiphenyl	43-116	117	% Rec	06/05/1996
SURR: Nitrobenzene-d5	35-114	71	% Rec	06/05/1996
SURR: Terphenyl-d14	33-141	100	% Rec	06/05/1996
TCLP-8240				
TCLP-Acetone		<0.05	mg/L	05/22/1996
TCLP-Benzene	0.5	<0.05	mg/L	05/22/1996
TCLP-Bromodichloromethane		<0.05	mg/L	05/22/1996
TCLP-Bromoform		<0.05	mg/L	05/22/1996
TCLP-Bromomethane		<0.05	mg/L	05/22/1996
TCLP-2-Butanone (MEK)	200.0	<0.50	mg/L	05/22/1996
TCLP-Carbon disulfide		<0.50	mg/L	05/22/1996
TCLP-Carbon Tetrachloride	0.5	<0.05	mg/L	05/22/1996
TCLP-Chlorobenzene	100.0	<0.05	mg/L	05/22/1996
TCLP-Chloroethane		<0.05	mg/L	05/22/1996
TCLP-2-Chloroethylvinyl ether		<0.1	mg/L	05/22/1996
TCLP-Chloroform	6.0	<0.05	mg/L	05/22/1996
TCLP-Chloromethane		<0.05	mg/L	05/22/1996
TCLP-Dibromochloromethane		<0.05	mg/L	05/22/1996
TCLP-Dichlorobromomethane		<0.05	mg/L	05/22/1996
TCLP-1,1-Dichloroethane		<0.05	mg/L	05/22/1996
TCLP-1,2-Dichloroethane	0.5	<0.05	mg/L	05/22/1996
TCLP-1,1-Dichloroethene	0.7	<0.05	mg/L	05/22/1996
TCLP-trans1,2-Dichloroethene		<0.05	mg/L	05/22/1996



ANALYTICAL REPORT

DATE: 06/08/1996

JOB NO: 96.03868

DATE TAKEN: 05/14/1996

SAMPLE NO: 306338

DATE RECEIVED: 05/16/1996

SAMPLE DESCRIPTION: 1-A, B, C

RCRA TOXICITY CHARACTERIZATION

TCLP CONTAMINANT	REGULATORY THRESHOLD	ANALYSIS RESULT	UNITS	DATE ANALYZED
TCLP-1,2-Dichloropropane		<0.05	mg/L	05/22/1996
TCLP-cis-1,3-Dichloropropene		<0.05	mg/L	05/22/1996
TCLP-trans-1,3-Dichloropropen		<0.05	mg/L	05/22/1996
TCLP-Ethyl benzene		0.160	mg/L	05/22/1996
TCLP-2-Hexanone		<0.25	mg/L	05/22/1996
TCLP-4-Methyl-2-pentanone-MIB		<0.25	mg/L	05/22/1996
TCLP-Methylene chloride		<0.05	mg/L	05/22/1996
TCLP-Styrene		<0.05	mg/L	05/22/1996
TCLP-1,1,2,2-Tetrachloroethan		<0.05	mg/L	05/22/1996
TCLP-Tetrachloroethene	0.7	<0.05	mg/L	05/22/1996
TCLP-Toluene		4.37	mg/L	05/22/1996
TCLP-1,1,1-Trichloroethane		<0.05	mg/L	05/22/1996
TCLP-1,1,2-Trichloroethane		<0.05	mg/L	05/22/1996
TCLP-Trichloroethene	0.5	<0.05	mg/L	05/22/1996
TCLP-Trichlorofluoromethane		<0.05	mg/L	05/22/1996
TCLP-Vinyl acetate		<0.25	mg/L	05/22/1996
TCLP-Vinyl chloride	0.2	<0.05	mg/L	05/22/1996
TCLP-Xylenes, Total		1.13	mg/L	05/22/1996
SURR: 1,2-Dichloroethane-d4	76-114	107	% Rec	05/22/1996
SURR: Toluene-d8	88-110	108	% Rec	05/22/1996
SURR: 4-Bromofluorobenzene	86-115	91	% Rec	05/22/1996



QUALITY CONTROL REPORT
Continuing Calibration Verification
(CCV)

JOB NUMBER: 96.03868

PARAMETER	ANALYST	DATE ANALYZED	METHOD	CCV		% REC.	FLAG
				RESULT	TRUE CONCENTRATION		
TPH-418.1 (Aqueous)	bss	05/23/1996	E-418.1	97	97	100	NA
Cyanide, Reactive	kwo	05/21/1996	S-7.3.3.1	0.105	0.1	105	NA
Cyanide, Reactive	kwo	05/21/1996	S-7.3.3.1	0.105	0.100	105	NA
TCLP-Arsenic, ICP	des	05/23/1996	S-6010A	1.02	1.00	102	NA
TCLP-Barium, ICP	des	05/23/1996	S-6010A	0.99	1.00	99	NA
TCLP-Cadmium, ICP	des	05/23/1996	S-6010A	1.04	1.00	104	NA
TCLP-Chromium, ICP	des	05/23/1996	S-6010A	1.03	1.00	103	NA
TCLP-Lead, ICP	des	05/23/1996	S-6010A	1.05	1.00	105	NA
TCLP-Mercury, CVAA	cbw	05/24/1996	S-7470A	0.0051	0.0050	102	NA
TCLP-Selenium, ICP	des	05/23/1996	S-6010A	0.99	1.00	99	NA
TCLP-Silver, ICP	des	05/23/1996	S-6010A	0.95	1.00	95	NA
TCLP-BASE NEUTRALS - 8270			S-8270A				
TCLP-1,4-Dichlorobenzene	acg	06/05/1996	S-8270A	0.061	0.050	122	NA
TCLP-2,4-Dinitrotoluene	acg	06/05/1996	S-8270A	0.070	0.050	140	NA
TCLP-Hexachlorobenzene	acg	06/05/1996	S-8270A	0.058	0.050	116	NA
TCLP-Hexachlorobutadiene	acg	06/05/1996	S-8270A	0.061	0.050	122	NA
TCLP-Hexachloroethane	acg	06/05/1996	S-8270A	0.066	0.050	132	NA
TCLP-Nitrobenzene	acg	06/05/1996	S-8270A	0.061	0.050	122	NA
TCLP-Pyridine	acg	06/05/1996	S-8270A	0.052	0.050	104	NA
TCLP-8240			S-8240A				
TCLP-Benzene	hch	05/22/1996	S-8240A	0.101	0.100	101	NA
TCLP-2-Butanone (MEK)	hch	05/22/1996	S-8240A	0.061	0.050	122	NA

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, 600/4-79-020, rev. 1983.

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 SW-846, 3rd 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
Continuing Calibration Verification
(CCV)

JOB NUMBER: 96.03868

PARAMETER	ANALYST	DATE ANALYZED	METHOD	CCV	CCV	% REC.	FLAG
				RESULT	TRUE CONCENTRATION		
TCLP-Carbon Tetrachloride	hch	05/22/1996	S-8240A	0.047	0.050	94	NA
TCLP-Chlorobenzene	hch	05/22/1996	S-8240A	0.050	0.050	100	NA
TCLP-Chloroform	hch	05/22/1996	S-8240A	0.048	0.050	96	NA
TCLP-1,2-Dichloroethane	hch	05/22/1996	S-8240A	0.051	0.050	102	NA
TCLP-1,1-Dichloroethene	hch	05/22/1996	S-8240A	0.042	0.050	84	NA
TCLP-Tetrachloroethene	hch	05/22/1996	S-8240A	0.049	0.050	98	NA
TCLP-Trichloroethene	hch	05/22/1996	S-8240A	0.048	0.050	96	NA
TCLP-Vinyl chloride	hch	05/22/1996	S-8240A	0.036	0.050	72	NA

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, 600/4-79-020, rev. 1983.
- 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 SW-846, 3rd 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: 96.03868

PARAMETER	DATE		UNITS	REPORTING	
	ANALYZED	BLANK		LIMIT	FLAG
TPH-418.1 (Aqueous)	05/23/1996	<0.5	mg/L	0.5	NA
Cyanide, Reactive	05/21/1996	<0.25	mg/kg	0.25	NA
Sulfide, Reactive	05/21/1996	<12.5	mg/kg	12.5	NA
TCLP-Arsenic, ICP	05/23/1996	<0.03	mg/L	0.03	NA
TCLP-Barium, ICP	05/23/1996	<0.01	mg/L	0.01	NA
TCLP-Cadmium, ICP	05/23/1996	<0.01	mg/L	0.01	NA
TCLP-Chromium, ICP	05/23/1996	<0.01	mg/L	0.01	NA
TCLP-Lead, ICP	05/23/1996	<0.03	mg/L	0.03	NA
TCLP-Mercury, CVAA	05/24/1996	<0.0002	mg/L	0.0002	NA
TCLP-Selenium, ICP	05/23/1996	<0.04	mg/L	0.04	NA
TCLP-Silver, ICP	05/23/1996	<0.01	mg/L	0.01	NA
TCLP-ACID EXTRACTABLES - 8270					
TCLP-Cresols, Total	05/15/1996	<0.066	mg/L	0.066	NA
TCLP-Pentachlorophenol	05/15/1996	<0.33	mg/L	0.33	NA
TCLP-2,4,5-Trichlorophenol	05/15/1996	<0.066	mg/L	0.066	NA
TCLP-2,4,6-Trichlorophenol	05/15/1996	<0.066	mg/L	0.066	NA
TCLP-ACID EXTRACTABLES - 8270					
TCLP-Cresols, Total	05/30/1996	<0.066	mg/L	0.066	NA
TCLP-Pentachlorophenol	05/30/1996	<0.33	mg/L	0.33	NA
TCLP-2,4,5-Trichlorophenol	05/30/1996	<0.066	mg/L	0.066	NA
TCLP-2,4,6-Trichlorophenol	05/30/1996	<0.066	mg/L	0.066	NA
TCLP-BASE NEUTRALS - 8270					
TCLP-1,4-Dichlorobenzene	05/30/1996	<0.066	mg/L	0.066	NA
TCLP-2,4-Dinitrotoluene	05/30/1996	<0.066	mg/L	0.066	NA
TCLP-Hexachlorobenzene	05/30/1996	<0.066	mg/L	0.066	NA
TCLP-Hexachlorobutadiene	05/30/1996	<0.066	mg/L	0.066	NA
TCLP-Hexachloroethane	05/30/1996	<0.066	mg/L	0.066	NA
TCLP-Nitrobenzene	05/30/1996	<0.066	mg/L	0.066	NA
TCLP-Pyridine	05/30/1996	<0.066	mg/L	0.066	NA
TCLP-8240					
TCLP-Benzene	05/22/1996	<0.025	mg/L	0.025	NA
TCLP-2-Butanone (MEK)	05/22/1996	<0.50	mg/L	0.50	NA
TCLP-Carbon Tetrachloride	05/22/1996	<0.025	mg/L	0.025	NA
TCLP-Chlorobenzene	05/22/1996	<0.025	mg/L	0.025	NA
TCLP-Chloroform	05/22/1996	<0.025	mg/L	0.025	NA
TCLP-1,2-Dichloroethane	05/22/1996	<0.025	mg/L	0.025	NA
TCLP-1,1-Dichloroethene	05/22/1996	<0.025	mg/L	0.025	NA
TCLP-Tetrachloroethene	05/22/1996	<0.025	mg/L	0.025	NA

Advisory Control Limits for Blanks

Metals/Wet Chemistry/Conventionals/GC - 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
BLANKS

JOB NUMBER: 96.03868

PARAMETER	DATE		UNITS	REPORTING	FLAG
	ANALYZED	BLANK		LIMIT	
TCLP-Trichloroethene	05/22/1996	<0.025	mg/L	0.025	NA
TCLP-Vinyl chloride	05/22/1996	<0.05	mg/L	0.05	NA

Advisory Control Limits for Blanks

Metals/Wet Chemistry/Conventionals/GC - 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: 96.03868

PARAMETER	LCS RESULT	TRUE CONC.	LCS % REC.	FLAG
TPH-418.1 (Aqueous)	46	50	92	
Cyanide, Reactive	217	1000	22	
pH, Corrosivity	8.96	9.18	98	
Sulfide, Reactive	230	250	92	
TCLP-Arsenic, ICP	1.03	1.00	103	
TCLP-Barium, ICP	0.93	1.00	93	
TCLP-Cadmium, ICP	0.97	1.00	97	
TCLP-Chromium, ICP	0.95	1.00	95	
TCLP-Lead, ICP	0.98	1.00	98	
TCLP-Mercury, CVAA	0.0059	0.005	118	
TCLP-Selenium, ICP	1.00	1.00	100	
TCLP-Silver, ICP	0.93	1.00	93	
TCLP-ACID EXTRACTABLES - 8270				
TCLP-Cresols, Total	0.14	0.10	140	
TCLP-Pentachlorophenol	0.03	0.10	30	
TCLP-2,4,5-Trichlorophenol	0.09	0.10	90	
TCLP-2,4,6-Trichlorophenol	0.08	0.10	80	
TCLP-ACID EXTRACTABLES - 8270				
TCLP-Cresols, Total	0.153	0.200	77	
TCLP-Pentachlorophenol	0.008	0.042	19	
TCLP-2,4,5-Trichlorophenol	0.087	0.100	87	
TCLP-2,4,6-Trichlorophenol	0.084	0.100	84	
TCLP-BASE NEUTRALS - 8270				
TCLP-1,4-Dichlorobenzene	0.075	0.100	75	
TCLP-2,4-Dinitrotoluene	0.093	0.100	93	
TCLP-Hexachlorobenzene	0.087	0.100	87	
TCLP-Hexachlorobutadiene	0.084	0.100	84	
TCLP-Hexachloroethane	0.075	0.100	75	
TCLP-Nitrobenzene	0.077	0.100	77	
TCLP-Pyridine	na	0.100	NA	
TCLP-8240				
TCLP-Benzene	0.101	0.100	101	
TCLP-2-Butanone (MEK)	0.067	0.050	134	
TCLP-Carbon Tetrachloride	0.050	0.050	100	
TCLP-Chlorobenzene	0.050	0.050	100	
TCLP-Chloroform	0.049	0.050	98	
TCLP-1,2-Dichloroethane	0.052	0.050	104	
TCLP-1,1-Dichloroethene	0.042	0.050	84	
TCLP-Tetrachloroethene	0.050	0.050	100	
TCLP-Trichloroethene	0.046	0.050	92	
TCLP-Vinyl chloride	0.031	0.050	62	

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: 96.03868

PARAMETER	SAMPLE RESULT	MS RESULT	MSD RESULT	SPIKE AMOUNT	MS ‡ REC.	MSD ‡ REC.	MS/MSD RPD	FLAG
TCLP-Arsenic, ICP	<0.03	1.06	1.06	1.00	106	106	0	
TCLP-Arsenic, ICP	<0.03	1.05	1.07	1.00	105	107	1.9	
TCLP-Barium, ICP	0.05	1.00	0.99	1.00	95	94	1.1	
TCLP-Barium, ICP	<0.01	0.92	0.93	1.00	92	93	1.1	
TCLP-Cadmium, ICP	<0.01	0.99	0.98	1.00	99	98	1	
TCLP-Cadmium, ICP	<0.01	0.95	0.97	1.00	95	97	2.1	
TCLP-Chromium, ICP	<0.01	0.98	0.97	1.00	98	97	1	
TCLP-Chromium, ICP	<0.01	0.93	0.95	1.00	93	95	2.1	
TCLP-Lead, ICP	<0.03	1.02	1.00	1.00	102	100	2	
TCLP-Lead, ICP	<0.03	0.97	0.99	1.00	97	99	2	
TCLP-Mercury, CVAA	<0.0002	0.0024	0.0026	0.0050	48	52	8	MI
TCLP-Selenium, ICP	<0.04	1.08	1.02	1.00	108	102	5.7	
TCLP-Selenium, ICP	<0.04	1.06	1.10	1.00	106	110	3.7	
TCLP-Silver, ICP	<0.01	0.94	0.91	1.00	94	91	3.2	
TCLP-Silver, ICP	<0.01	0.91	0.94	1.00	91	94	3.2	

MI - MS/MSD outside limits - matrix interference suspected, refer to LCS.

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: 96.03868

PARAMETER	SAMPLE	DUPLICATE	RPD	SPIKE	SPIKE	SPIKE	‡ REC.	FLAG
	RESULT	RESULT		RESULT	RESULT	AMOUNT		
Cyanide, Reactive	NA	NA	NA	<0.25	192	1000	19.2	
pH, Corrosivity	6.11	6.10	0.2	NA	NA	NA	NA	
Sulfide, Reactive	NA	NA	NA	20	240	250	88.0	
TCLP-Cadmium, ICP	<0.01	<0.01	NA	<0.01	0.94	1.00	94.0	
TCLP-Cadmium, ICP	0.03	0.02	40.0	0.03	0.96	1.00	93.0	
TCLP-Chromium, ICP	<0.01	<0.01	NA	<0.01	0.94	1.00	94.0	
TCLP-Chromium, ICP	0.12	0.11	8.7	0.12	1.04	1.00	92.0	
TCLP-Silver, ICP	0.02	<0.01	NA	0.02	0.91	1.00	89.0	
TCLP-Silver, ICP	0.01	<0.01	NA	0.01	0.90	1.00	89.0	

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.



ANALYTICAL REPORT

DATE: 04/17/1996

JOB NO: 96.02418

DATE TAKEN: 03/25/1996

SAMPLE NO: 301145

DATE RECEIVED: 03/27/1996

SAMPLE DESCRIPTION: Lab Waste (oil)

RCRA TOXICITY CHARACTERIZATION

TCLP CONTAMINANT	REGULATORY THRESHOLD	ANALYSIS RESULT	UNITS	DATE ANALYZED
Cyanide, Reactive	250	<0.25	mg/kg	04/08/1996
pH, Corrosivity	<2.0/>12.5	1.88	units	04/08/1996
Sulfide, Reactive	500	<12.5	mg/kg	04/08/1996
TPH-418.1 (Nonaqueous)		818000	ug/g	04/08/1996
TCLP-Arsenic, ICP	5.0	0.33	mg/L	04/02/1996
TCLP-Barium, ICP	100.0	2.13	mg/L	04/02/1996
TCLP-Cadmium, ICP	1.0	<0.1	mg/L	04/02/1996
TCLP-Chromium, ICP	5.0	4.03	mg/L	04/02/1996
TCLP-Lead, ICP	5.0	10.8	mg/L	04/02/1996
TCLP-Mercury, CVAA	0.2	<0.002	mg/L	04/02/1996
TCLP-Selenium, ICP	1.0	<0.4	mg/L	04/02/1996
TCLP-Silver, ICP	5.0	1.28	mg/L	04/02/1996
Ignitability	<140	Burns **		04/08/1996
TCLP-ACID EXTRACTABLES - 8270				
TCLP-4-Chloro-3-methylphenol		<0.50	mg/L	04/10/1996
TCLP-2-Chlorophenol		<0.50	mg/L	04/10/1996
TCLP-Cresols, Total	200.0	<0.50	mg/L	04/10/1996
TCLP-2,4-Dichlorophenol		<0.50	mg/L	04/10/1996
TCLP-2,4-Dimethylphenol		<0.50	mg/L	04/10/1996
TCLP-2,4-Dinitrophenol		<0.50	mg/L	04/10/1996
TCLP-2Methyl-4,6-dinitrophenol		<0.50	mg/L	04/10/1996
TCLP-2-Methylphenol (o-Cresol)		<0.50	mg/L	04/10/1996
TCLP-4-Methylphenol (p-Cresol)		<0.50	mg/L	04/10/1996
TCLP-2-Nitrophenol		<0.50	mg/L	04/10/1996
TCLP-4-Nitrophenol		<0.50	mg/L	04/10/1996
TCLP-Pentachlorophenol	100.0	<0.50	mg/L	04/10/1996
TCLP-Phenol		<0.50	mg/L	04/10/1996
TCLP-2,4,5-Trichlorophenol	400.0	<0.50	mg/L	04/10/1996
TCLP-2,4,6-Trichlorophenol	2.0	<0.50	mg/L	04/10/1996
SURR: 2-Fluorophenol	21-100	36	% Rec	04/10/1996
SURR: Phenol-d5	10-94	36	% Rec	04/10/1996
SURR: 2,4,6-Tribromophenol	10-123	67	% Rec	04/10/1996
TCLP-BASE NEUTRALS - 8270				
TCLP-Acenaphthene		<0.50	mg/L	04/10/1996

** Flashpoint >200



ANALYTICAL REPORT

DATE: 04/17/1996

JOB NO: 96.02418

DATE TAKEN: 03/25/1996

SAMPLE NO: 301145

DATE RECEIVED: 03/27/1996

SAMPLE DESCRIPTION: Lab Waste

RCRA TOXICITY CHARACTERIZATION

TCLP CONTAMINANT	REGULATORY THRESHOLD	ANALYSIS RESULT	UNITS	DATE ANALYZED
TCLP-Acenaphthylene		<0.50	mg/L	04/10/1996
TCLP-Anthracene		<0.50	mg/L	04/10/1996
TCLP-Benzidine		<0.50	mg/L	04/10/1996
TCLP-Benzo (a) anthracene		<0.50	mg/L	04/10/1996
TCLP-Benzo (b) fluoranthene		<0.50	mg/L	04/10/1996
TCLP-Benzo (k) fluoranthene		<0.50	mg/L	04/10/1996
TCLP-Benzo (g, h, i) perylene		<0.50	mg/L	04/10/1996
TCLP-Benzo (a) pyrene		<0.50	mg/L	04/10/1996
TCLP-Benzyl butyl phthalate		<0.50	mg/L	04/10/1996
TCLP-Bis2chloroethoxy methane		<0.50	mg/L	04/10/1996
TCLP-Bis(2-chloroethyl) ether		<0.50	mg/L	04/10/1996
TCLP-Bis2chloroisopropyl ethe		<0.50	mg/L	04/10/1996
TCLP-Bis-2-ethylhexylphthalat		<0.50	mg/L	04/10/1996
TCLP-4-Bromophenylphenyl ethe		<0.50	mg/L	04/10/1996
TCLP-2-Chloronaphthalene		<0.50	mg/L	04/10/1996
TCLP-4Chlorophenylphenyl ethe		<0.50	mg/L	04/10/1996
TCLP-Chrysene		<0.50	mg/L	04/10/1996
TCLP-Dibenzo (a, h) anthracene		<0.50	mg/L	04/10/1996
TCLP-Di-n-butyl phthalate		<0.50	mg/L	04/10/1996
TCLP-1,2-Dichlorobenzene		<0.50	mg/L	04/10/1996
TCLP-1,3-Dichlorobenzene		<0.50	mg/L	04/10/1996
TCLP-1,4-Dichlorobenzene	7.5	<0.50	mg/L	04/10/1996
TCLP-3,3'-Dichlorobenzidine		<0.50	mg/L	04/10/1996
TCLP-Diethyl phthalate		<0.50	mg/L	04/10/1996
TCLP-Dimethyl phthalate		<0.50	mg/L	04/10/1996
TCLP-2,4-Dinitrotoluene	0.13	<0.13	mg/L	04/10/1996
TCLP-2,6-Dinitrotoluene		<0.50	mg/L	04/10/1996
TCLP-Di-n-octyl phthalate		<0.50	mg/L	04/10/1996
TCLP-Fluoranthene		<0.50	mg/L	04/10/1996
TCLP-Fluorene		<0.50	mg/L	04/10/1996
TCLP-Hexachlorobenzene	0.13	<0.13	mg/L	04/10/1996
TCLP-Hexachlorobutadiene	0.5	<0.50	mg/L	04/10/1996
TCLP-Hexachlorocyclopentadien		<0.50	mg/L	04/10/1996
TCLP-Hexachloroethane	3.0	<0.50	mg/L	04/10/1996
TCLP-Indeno (1, 2, 3, cd) pyrene		<0.50	mg/L	04/10/1996



ANALYTICAL REPORT

DATE: 04/17/1996

JOB NO: 96.02418

DATE TAKEN: 03/25/1996

SAMPLE NO: 301145

DATE RECEIVED: 03/27/1996

SAMPLE DESCRIPTION: Lab Waste

RCRA TOXICITY CHARACTERIZATION

TCLP CONTAMINANT	REGULATORY THRESHOLD	ANALYSIS RESULT	UNITS	DATE ANALYZED
TCLP-Isophorone		<0.50	mg/L	04/10/1996
TCLP-Naphthalene		1.1	mg/L	04/10/1996
TCLP-Nitrobenzene	2.0	<0.50	mg/L	04/10/1996
TCLP-N-Nitrosodimethylamine		<0.50	mg/L	04/10/1996
TCLP-N-Nitrosodi-n-propylamin		<0.50	mg/L	04/10/1996
TCLP-N-Nitrosodiphenylamine		<0.50	mg/L	04/10/1996
TCLP-Phenanthrene		<0.50	mg/L	04/10/1996
TCLP-Pyridine	5.0	<0.50	mg/L	04/10/1996
TCLP-Pyrene		<0.50	mg/L	04/10/1996
TCLP-1,2,4-Trichlorobenzene		<0.50	mg/L	04/10/1996
SURR: 2-Fluorobiphenyl	43-116	71	% Rec	04/10/1996
SURR: Nitrobenzene-d5	35-114	98	% Rec	04/10/1996
SURR: Terphenyl-d14	33-141	72	% Rec	04/10/1996
TCLP-8240				
TCLP-Acetone		3.8	mg/L	04/04/1996
TCLP-Benzene	0.5	0.59	mg/L	04/04/1996
TCLP-Bromodichloromethane		<0.025	mg/L	04/04/1996
TCLP-Bromoform		<0.025	mg/L	04/04/1996
TCLP-Bromomethane		<0.05	mg/L	04/04/1996
TCLP-2-Butanone (MEK)	200.0	0.61	mg/L	04/04/1996
TCLP-Carbon disulfide		<0.025	mg/L	04/04/1996
TCLP-Carbon Tetrachloride	0.5	<0.025	mg/L	04/04/1996
TCLP-Chlorobenzene	100.0	<0.025	mg/L	04/04/1996
TCLP-Chloroethane		<0.05	mg/L	04/04/1996
TCLP-2-Chloroethylvinyl ether		<0.1	mg/L	04/04/1996
TCLP-Chloroform	6.0	<0.025	mg/L	04/04/1996
TCLP-Chloromethane		<0.05	mg/L	04/04/1996
TCLP-Dibromochloromethane		<0.025	mg/L	04/04/1996
TCLP-Dichlorobromomethane		<0.025	mg/L	04/04/1996
TCLP-1,1-Dichloroethane		<0.025	mg/L	04/04/1996
TCLP-1,2-Dichloroethane	0.5	<0.025	mg/L	04/04/1996
TCLP-1,1-Dichloroethene	0.7	<0.025	mg/L	04/04/1996
TCLP-trans1,2-Dichloroethene		<0.025	mg/L	04/04/1996



ANALYTICAL REPORT

DATE: 04/17/1996

JOB NO: 96.02418

DATE TAKEN: 03/25/1996

SAMPLE NO: 301145

DATE RECEIVED: 03/27/1996

SAMPLE DESCRIPTION: Lab Waste

RCRA TOXICITY CHARACTERIZATION

TCLP CONTAMINANT	REGULATORY THRESHOLD	ANALYSIS RESULT	UNITS	DATE ANALYZED
TCLP-1,2-Dichloropropane		<0.025	mg/L	04/04/1996
TCLP-cis-1,3-Dichloropropene		<0.025	mg/L	04/04/1996
TCLP-trans-1,3-Dichloropropen		<0.025	mg/L	04/04/1996
TCLP-Ethyl benzene		1.1	mg/L	04/04/1996
TCLP-2-Hexanone		0.91	mg/L	04/04/1996
TCLP-4-Methyl-2-pentanone-MIB		35.0	mg/L	04/04/1996
TCLP-Methylene chloride		0.90	mg/L	04/04/1996
TCLP-Styrene		<0.025	mg/L	04/04/1996
TCLP-1,1,2,2-Tetrachloroethan	0.7	<0.025	mg/L	04/04/1996
TCLP-Tetrachloroethene		<0.025	mg/L	04/04/1996
TCLP-Toluene		2.4	mg/L	04/04/1996
TCLP-1,1,1-Trichloroethane		<0.025	mg/L	04/04/1996
TCLP-1,1,2-Trichloroethane		<0.025	mg/L	04/04/1996
TCLP-Trichloroethene	0.5	<0.025	mg/L	04/04/1996
TCLP-Trichlorofluoromethane		<0.025	mg/L	04/04/1996
TCLP-Vinyl acetate		<0.1	mg/L	04/04/1996
TCLP-Vinyl chloride	0.2	<0.05	mg/L	04/04/1996
TCLP-Xylenes, Total		5.3	mg/L	04/04/1996
SURR: 1,2-Dichloroethane-d4	76-114	90	% Rec	04/04/1996
SURR: Toluene-d8	88-110	99	% Rec	04/04/1996
SURR: 4-Bromofluorobenzene	86-115	97	% Rec	04/04/1996



QUALITY CONTROL REPORT
Continuing Calibration Verification
(CCV)

JOB NUMBER: 96.02418

PARAMETER	ANALYST	DATE ANALYZED	METHOD	CCV RESULT	CCV TRUE CONCENTRATION	REC.	FLAG
Cyanide, Reactive	kwo	04/08/1996	S-7.3.3.1	2.0	2.0	100	NA
Sulfide, Reactive	kwo	04/08/1996	S-7.3.4.1	1000	1000	100	NA
TPH-418.1 (Nonaqueous)	bss	04/08/1996	E-418.1	97.81	97	101	NA
TCLP-Arsenic, ICP	des	04/02/1996	S-6010A	1.02	1.00	102	NA
TCLP-Barium, ICP	des	04/02/1996	S-6010A	0.98	1.00	98	NA
TCLP-Cadmium, ICP	des	04/02/1996	S-6010A	1.02	1.00	102	NA
TCLP-Chromium, ICP	des	04/02/1996	S-6010A	1.01	1.00	101	NA
TCLP-Lead, ICP	des	04/02/1996	S-6010A	1.03	1.00	103	NA
TCLP-Mercury, CVAA	jmd	04/02/1996	S-7470A	0.54	0.50	108	NA
TCLP-Selenium, ICP	des	04/02/1996	S-6010A	1.02	1.00	102	NA
TCLP-Silver, ICP	des	04/02/1996	S-6010A	0.97	1.00	97	NA
TCLP-ACID EXTRACTABLES - 8270			S-8270A				
TCLP-Cresols, Total	cac	04/10/1996	S-8270A	na	0.050	NA	NA
TCLP-Pentachlorophenol	cac	04/10/1996	S-8270A	0.045	0.050	90	NA
TCLP-2,4,5-Trichlorophenol	cac	04/10/1996	S-8270A	na	0.050	NA	NA
TCLP-2,4,6-Trichlorophenol	cac	04/10/1996	S-8270A	0.047	0.050	94	NA
TCLP-BASE NEUTRALS - 8270			S-8270A				
TCLP-1,4-Dichlorobenzene	cac	04/10/1996	S-8270A	na	0.050	NA	NA
TCLP-2,4-Dinitrotoluene	cac	04/10/1996	S-8270A	na	0.050	NA	NA
TCLP-Hexachlorobenzene	cac	04/10/1996	S-8270A	na	0.050	NA	NA
TCLP-Hexachlorobutadiene	cac	04/10/1996	S-8270A	0.044	0.050	88	NA
TCLP-Hexachloroethane	cac	04/10/1996	S-8270A	na	0.050	NA	NA

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, 600/4-79-020, rev. 1983.

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 SW-846, 3rd 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
Continuing Calibration Verification
(CCV)

JOB NUMBER: 96.02418

PARAMETER	ANALYST	DATE ANALYZED	METHOD	CCV RESULT	CCV TRUE CONCENTRATION	% REC.	FLAG
TCLP-Nitrobenzene	cac	04/10/1996	S-8270A	na	0.050	NA	NA
TCLP-Pyridine	cac	04/10/1996	S-8270A	na	0.050	NA	NA

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, 600/4-79-020, rev. 1983.

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 SW-846, 3rd 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: 96.02418

PARAMETER	DATE ANALYZED	BLANK	UNITS	REPORTING LIMIT	FLAG
Cyanide, Reactive	04/08/1996	<0.25	mg/kg	0.25	NA
Sulfide, Reactive	04/08/1996	<12.5	mg/kg	12.5	NA
TPH-418.1 (Nonaqueous)	04/08/1996	<10	ug/g	10	NA
TCLP-Arsenic, ICP	04/02/1996	<0.03	mg/L	0.03	NA
TCLP-Barium, ICP	04/02/1996	<0.01	mg/L	0.01	NA
TCLP-Cadmium, ICP	04/02/1996	<0.01	mg/L	0.01	NA
TCLP-Chromium, ICP	04/02/1996	<0.01	mg/L	0.01	NA
TCLP-Lead, ICP	04/02/1996	<0.03	mg/L	0.03	NA
TCLP-Mercury, CVAA	04/02/1996	<0.0002	mg/L	0.0002	NA
TCLP-Selenium, ICP	04/02/1996	<0.04	mg/L	0.04	NA
TCLP-Silver, ICP	04/02/1996	<0.01	mg/L	0.01	NA
TCLP-ACID EXTRACTABLES - 8270					
TCLP-Cresols, Total	04/10/1996	<0.10	mg/L	0.005	NA
TCLP-Pentachlorophenol	04/10/1996	<0.50	mg/L	0.020	NA
TCLP-2,4,5-Trichlorophenol	04/10/1996	<0.50	mg/L	0.005	NA
TCLP-2,4,6-Trichlorophenol	04/10/1996	<0.10	mg/L	0.005	NA
TCLP-BASE NEUTRALS - 8270					
TCLP-1,4-Dichlorobenzene	04/10/1996	na	mg/L	0.005	NA
TCLP-2,4-Dinitrotoluene	04/10/1996	<0.10	mg/L	0.005	NA
TCLP-Hexachlorobenzene	04/10/1996	<0.10	mg/L	0.005	NA
TCLP-Hexachlorobutadiene	04/10/1996	<0.10	mg/L	0.005	NA
TCLP-Hexachloroethane	04/10/1996	<0.10	mg/L	0.005	NA
TCLP-Nitrobenzene	04/10/1996	<0.10	mg/L	0.005	NA
TCLP-Pyridine	04/10/1996	<0.10	mg/L	0.005	NA
TCLP-8240					
TCLP-Benzene	04/04/1996	<0.025	mg/L	0.025	NA
TCLP-2-Butanone (MEK)	04/04/1996	<0.1	mg/L	0.1	NA
TCLP-Carbon Tetrachloride	04/04/1996	<0.025	mg/L	0.025	NA
TCLP-Chlorobenzene	04/04/1996	<0.025	mg/L	0.025	NA
TCLP-Chloroform	04/04/1996	<0.025	mg/L	0.025	NA
TCLP-1,2-Dichloroethane	04/04/1996	<0.025	mg/L	0.025	NA
TCLP-1,1-Dichloroethene	04/04/1996	<0.025	mg/L	0.025	NA
TCLP-Tetrachloroethene	04/04/1996	<0.025	mg/L	0.025	NA
TCLP-Trichloroethene	04/04/1996	<0.025	mg/L	0.025	NA
TCLP-Vinyl chloride	04/04/1996	<0.05	mg/L	0.05	NA

Advisory Control Limits for Blanks

Metals/Wet Chemistry/Conventionals/GC - 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: 96.02418

PARAMETER	LCS RESULT	TRUE CONC.	LCS % REC.	FLAG
Cyanide, Reactive	92.5	1000	9	
pH, Corrosivity	9.14	9.18	100	
Sulfide, Reactive	960	1000	96	
TPH-418.1 (Nonaqueous)	2242	2020	111	
TCLP-Arsenic, ICP	1.02	1.00	102	
TCLP-Barium, ICP	0.96	1.00	96	
TCLP-Cadmium, ICP	1.01	1.00	101	
TCLP-Chromium, ICP	1.00	1.00	100	
TCLP-Lead, ICP	1.06	1.00	106	
TCLP-Mercury, CVAA	0.54	0.50	108	
TCLP-Selenium, ICP	1.04	1.00	104	
TCLP-Silver, ICP	0.94	1.00	94	
TCLP-ACID EXTRACTABLES - 8270				
TCLP-Cresols, Total	123	200	62	
TCLP-Pentachlorophenol	39	100	39	
TCLP-2,4,5-Trichlorophenol	68	100	68	
TCLP-2,4,6-Trichlorophenol	71	100	71	
TCLP-BASE NEUTRALS - 8270				
TCLP-1,4-Dichlorobenzene	na	0.10	NA	
TCLP-2,4-Dinitrotoluene	77	100	77	
TCLP-Hexachlorobenzene	77	100	77	
TCLP-Hexachlorobutadiene	40	100	40	
TCLP-Hexachloroethane	40	100	40	
TCLP-Nitrobenzene	60	100	60	
TCLP-Pyridine	39	100	39	
TCLP-8240				
TCLP-Benzene	0.021	0.025	84	
TCLP-2-Butanone (MEK)	na	0.020	NA	
TCLP-Carbon Tetrachloride	na	0.020	NA	
TCLP-Chlorobenzene	0.021	0.025	84	
TCLP-Chloroform	na	0.020	NA	
TCLP-1,2-Dichloroethane	na	0.020	NA	
TCLP-1,1-Dichloroethene	0.020	0.025	80	
TCLP-Tetrachloroethene	na	0.020	NA	
TCLP-Trichloroethene	0.021	0.025	84	
TCLP-Vinyl chloride	na	0.020	NA	

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: 96.02418

PARAMETER	SAMPLE RESULT	MS RESULT	MSD RESULT	SPIKE AMOUNT	MS % REC.	MSD % REC.	MS/MSD RPD	FLAG
TPH-418.1 (Nonaqueous)	<10	128	130	125	102	104	1.6	
TPH-418.1 (Nonaqueous)	26	148	149	125	98	98	0.8	
TCLP-Arsenic, ICP	0.03	1.01	1.01	1.00	98	98	0	
TCLP-Barium, ICP	<0.01	0.95	0.94	1.00	95	94	1.1	
TCLP-Cadmium, ICP	<0.01	0.95	0.95	1.00	95	95	0	
TCLP-Chromium, ICP	<0.01	0.94	0.94	1.00	94	94	0	
TCLP-Lead, ICP	0.04	0.96	0.96	1.00	92	92	0	
TCLP-Mercury, CVAA	<0.0002	0.0053	0.0053	0.0050	106	106	0	
TCLP-Mercury, CVAA	<0.0002	0.0059	0.0058	0.0050	118	116	1.7	
TCLP-Selenium, ICP	<0.04	1.02	1.03	1.00	102	103	1	
TCLP-Silver, ICP	<0.01	0.82	0.86	1.00	82	86	4.8	

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: 96.02418

PARAMETER	SAMPLE	DUPLICATE	RPD	SPIKE	SPIKE	SPIKE	% REC.	FLAG
	RESULT	RESULT		RESULT	RESULT	AMOUNT		
Cyanide, Reactive	NA	NA	NA	<0.25	111.3	1000	11.1	
pH, Corrosivity	3.89	3.89	0.0	NA	NA	NA	NA	
Sulfide, Reactive	NA	NA	NA	260	720	500	92.0	
TCLP-Cadmium, ICP	<0.01	<0.01	NA	<0.01	0.95	1.00	95.0	
TCLP-Cadmium, ICP	<0.01	<0.01	NA	<0.01	0.96	1.00	96.0	
TCLP-Chromium, ICP	<0.01	<0.01	NA	<0.01	0.93	1.00	93.0	
TCLP-Chromium, ICP	4.5/4.6	4.6	NA	4.5/4.6	5.67	1.00	NA	
TCLP-Silver, ICP	<0.01	<0.01	NA	<0.01	0.92	1.00	92.0	
TCLP-Silver, ICP	<0.01	<0.01	NA	<0.01	0.94	1.00	94.0	

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.



Please Reply: 2708 West Country Road
Hobbs, New Mexico 88240-0698
(505) 392-5551
1-800-530-4485

BJ Services
2708 West County Rd.
Hobbs, NM, 88240

JUL 23 1996

July 20, 1996

Mark Ashley

New Mexico Energy, Minerals & Natural Resources Department.
Oil Conservation Division PO Box 6429 Santa Fe, NM 87505-
6429

Dear Mark

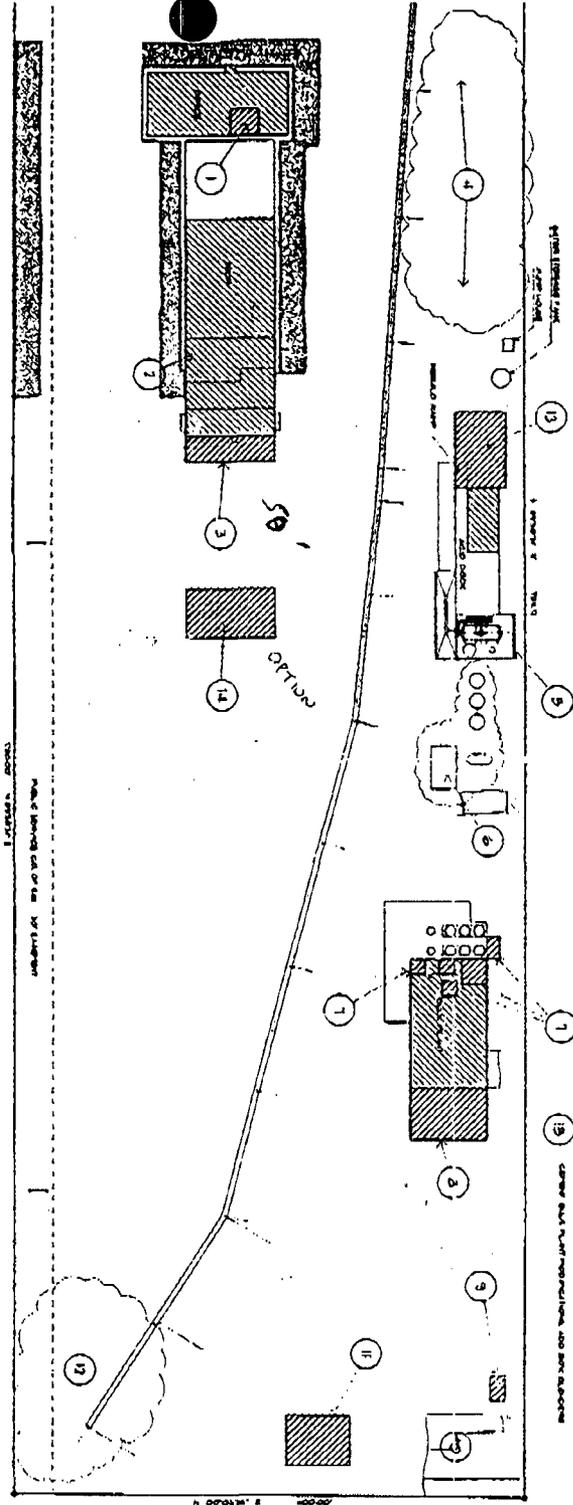
Please find enclosed drawings for the proposed truck wash facility here in Hobbs. I believe we have incorporated all the requirements of the OCD. I will contact you later this week to discuss the project. Your prompt review will be appreciated as we would like to start construction as soon as possible.

Sincerely,

Brad Brooks
Facility Supervisor

STRAIGHT PLAIN

THIS PLAN IS A PART OF THE CONTRACT DOCUMENTS FOR THE PROJECT. IT IS TO BE USED IN CONJUNCTION WITH THE SPECIFICATIONS AND GENERAL NOTES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AND UTILITIES AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING DRIVEWAYS AND SIDEWALKS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING TREES AND LANDSCAPING. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING FENCES AND BARRIERS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING SIGNAGE AND MARKINGS. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING CURBS AND GUTTERS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING DRIVEWAYS AND SIDEWALKS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING TREES AND LANDSCAPING. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING FENCES AND BARRIERS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING SIGNAGE AND MARKINGS. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING CURBS AND GUTTERS.



- KEY NOTES ON GENERAL SCOPE OF WORK**
1. PROTECTION OF EXISTING UTILITIES
 2. EXISTING UTILITIES TO REMAIN
 3. EXISTING UTILITIES TO BE REMOVED
 4. EXISTING UTILITIES TO BE RELOCATED
 5. EXISTING UTILITIES TO BE REPAIRED
 6. EXISTING UTILITIES TO BE REPLACED
 7. EXISTING UTILITIES TO BE ENCASED
 8. EXISTING UTILITIES TO BE ABANDONED
 9. EXISTING UTILITIES TO BE PRESERVED
 10. EXISTING UTILITIES TO BE PROTECTED
 11. EXISTING UTILITIES TO BE MAINTAINED
 12. EXISTING UTILITIES TO BE MONITORED
 13. EXISTING UTILITIES TO BE TESTED
 14. EXISTING UTILITIES TO BE RECORDED
 15. EXISTING UTILITIES TO BE MARKED

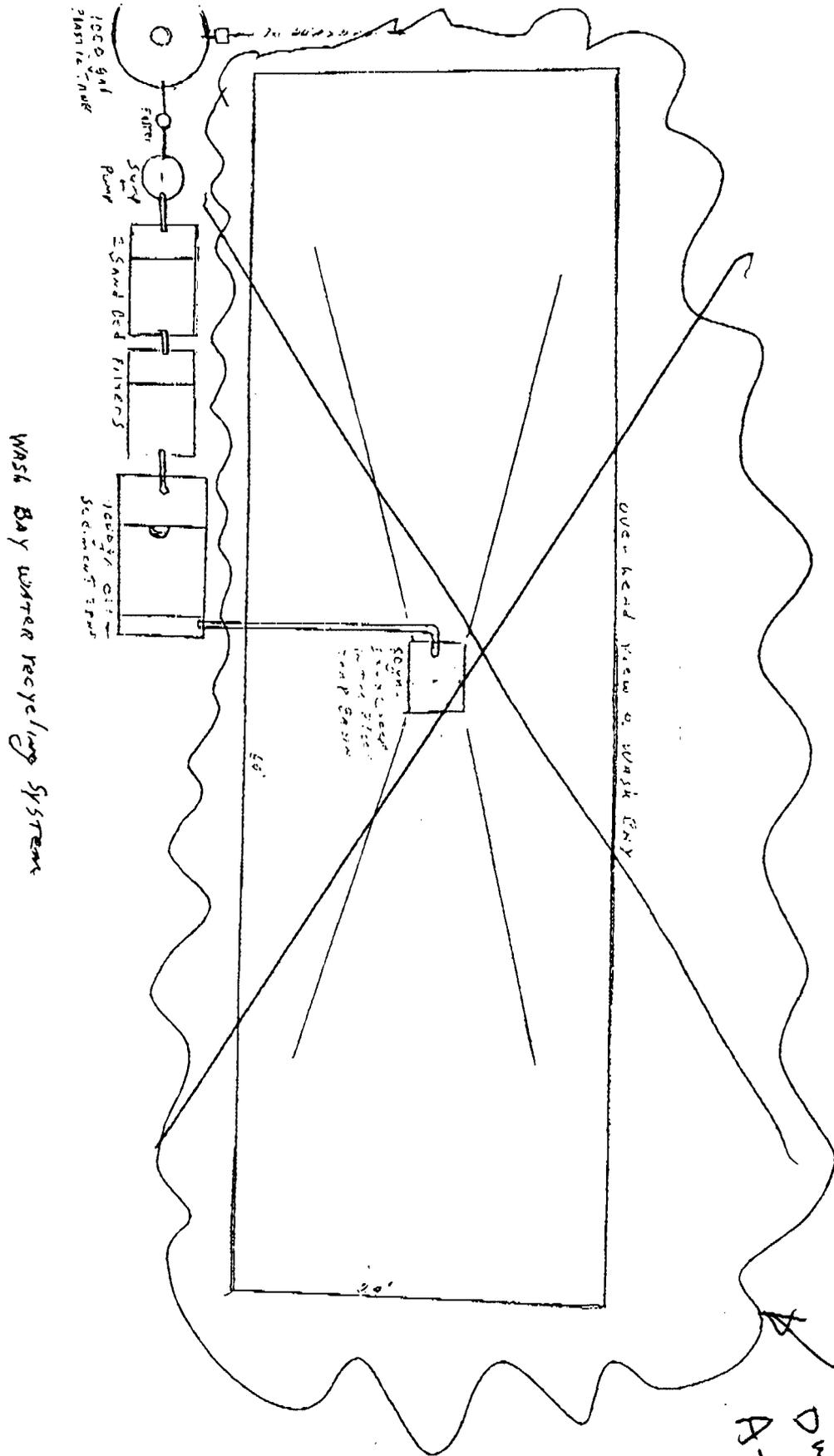
SD-11

BJ
 BJ Services Company, U.S.A.
 11211 FM 2020
 Tomball, TX 77376

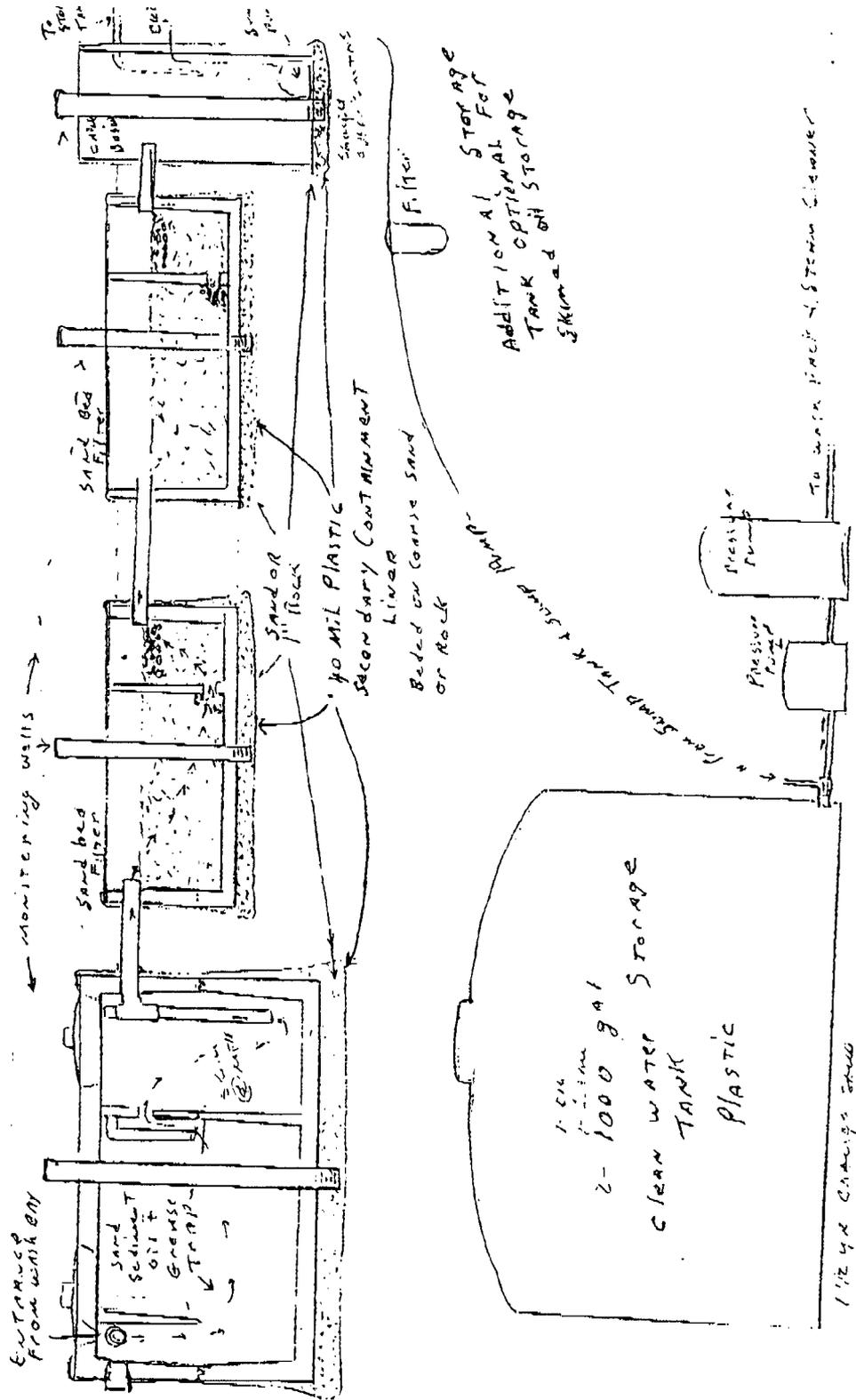
**ALTERATIONS TO THE
 HOBBS, NEW MEXICO
 DISTRICT FACILITY**

DOELAND CAROL PELTON AIA, OAC, ARCHITECT
 11211 FM 2020
 Tomball, TX 77376

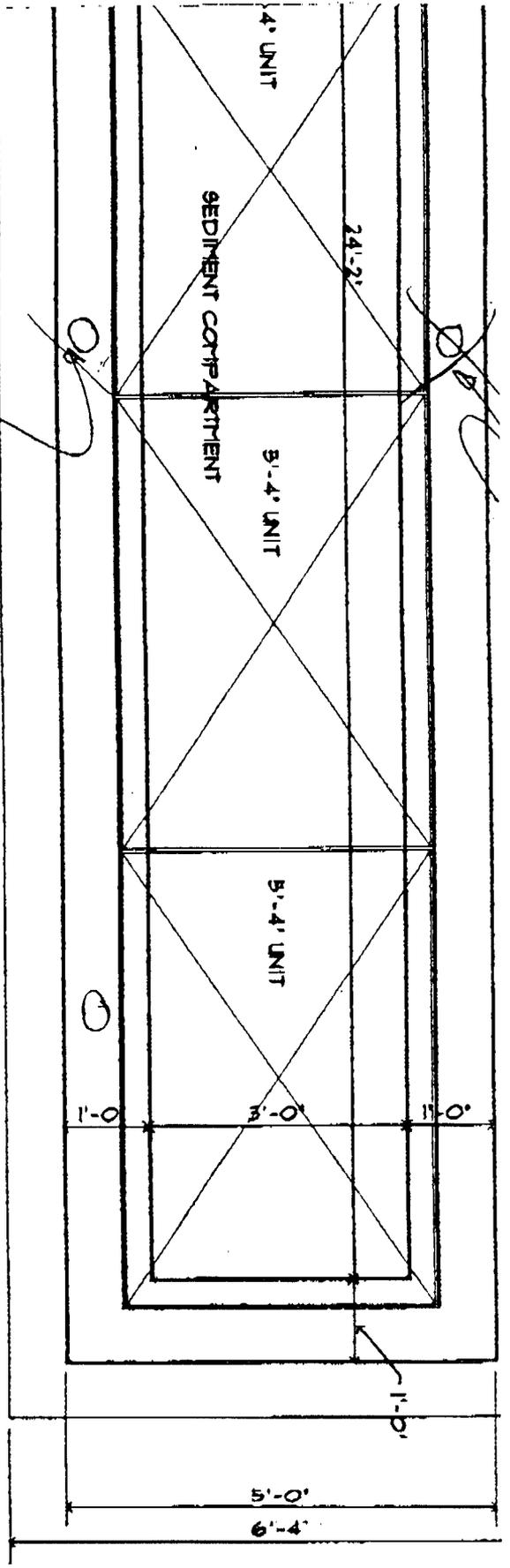
501



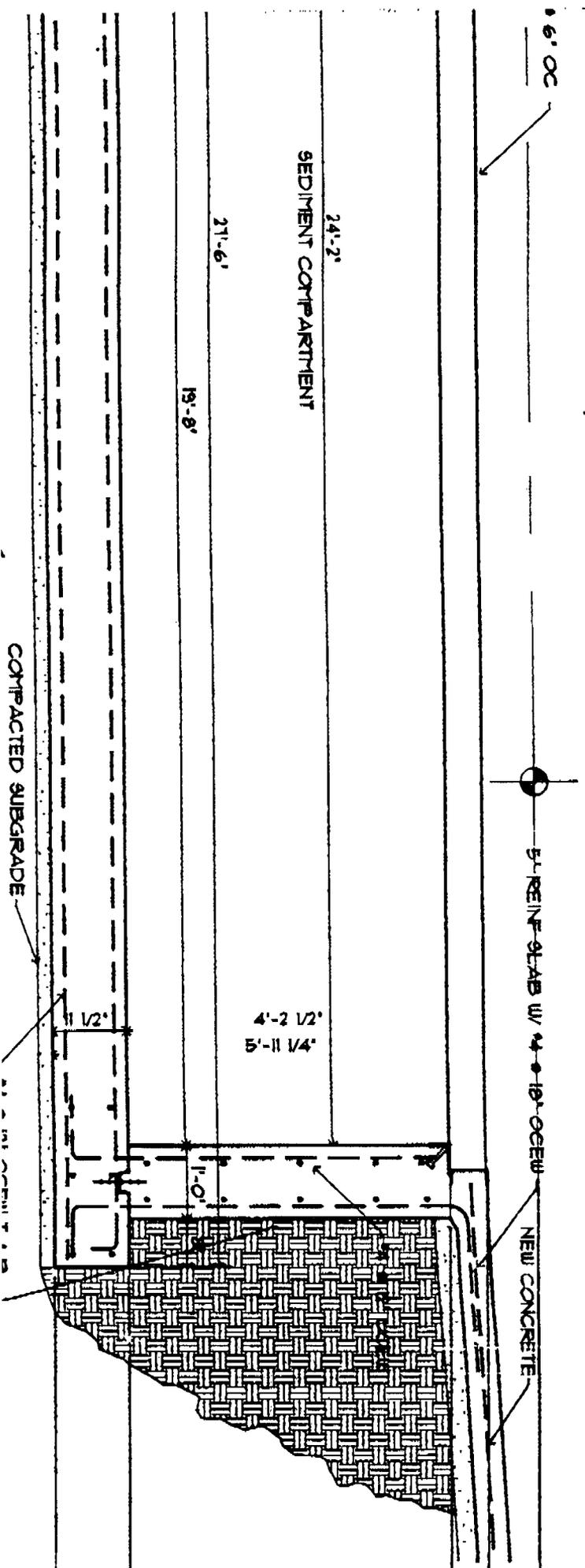
DE/18/16
 5618
 02/24/96
 A-3

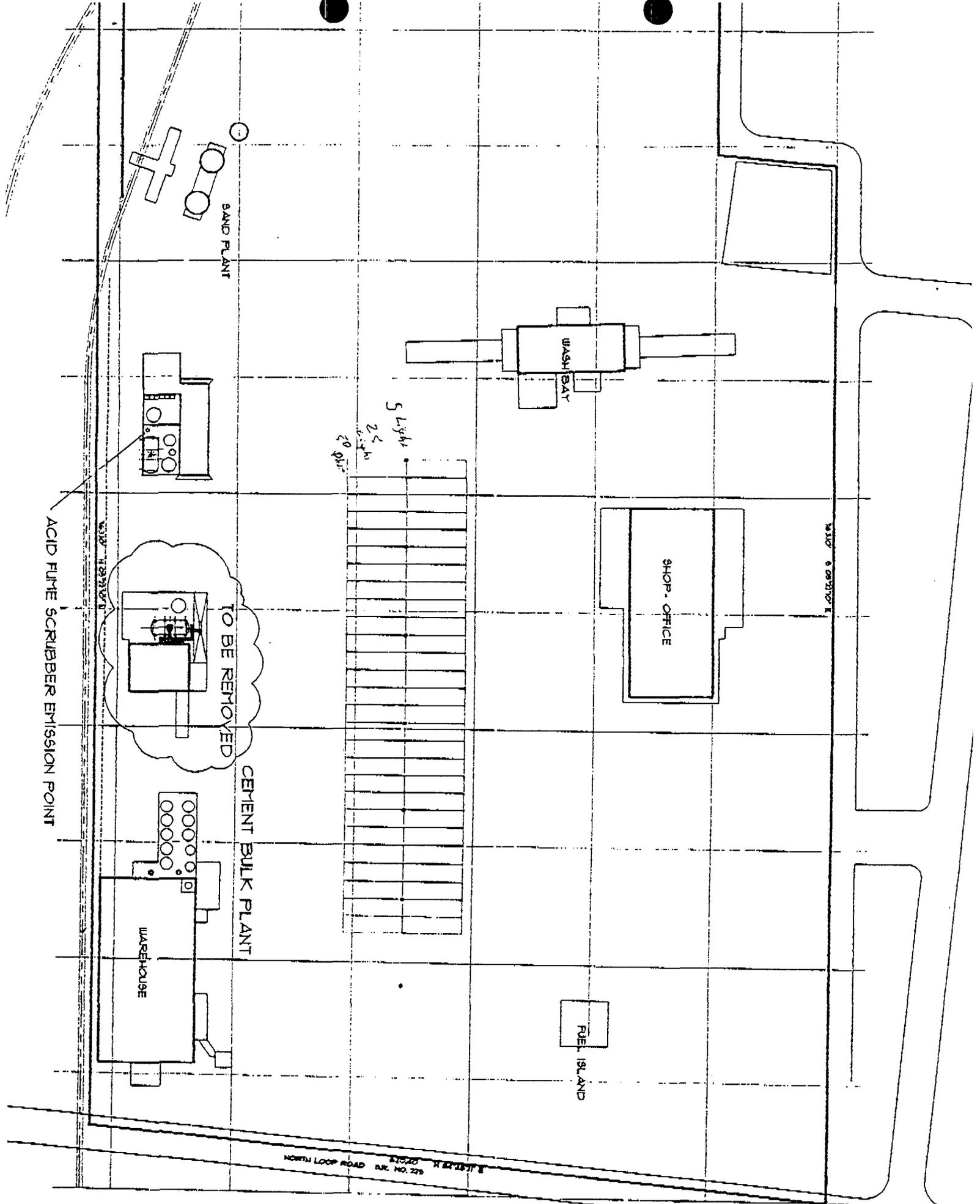


ADDITIONAL STORAGE
 TANK OPTIONAL FOR
 SKIMMED OIL STORAGE



7
A-3
DI





ACID FUME SCRUBBER EMISSION POINT

SAND PLANT

WASH BAY

SHOP - OFFICE

TO BE REMOVED

CEMENT BULK PLANT

WAREHOUSE

FUEL ISLAND

NORTH LOOP ROAD BLANK DRIVE

ARTESIA

Wayne Price

From: Wayne Price
To: Mark Ashley
Cc: Jerry Sexton
Subject: BJ (Old Western) GW-072
Date: Wednesday, May 01, 1996 2:56PM

Brad Brooks of BJ called and requested a meeting with me and his Engineering consultant, a Mr. Mike Gillespie.

BJ had plans on constructing a new wash bay facility in conjunction with a new waste water recycling and treatment system. They are going to deviate from their original plans somewhat by installing a new effluent sewer line from their facility to the nearest city of Hobbs POTW line.

This line will take all of BJ's treated waste water including sewer grey water, all of which is acceptable by the city of Hobbs pretreatment standards. This line will be approximately $1\frac{1}{2}$ mi. long and will belong to BJ. It will be a ~~3~~ "pressurized line. *1 mi.*

Their new system will include a new truck wash bay with collection sump, new sub-surface waste water treatment system complete with secondary containment and leak detection.

The old truck maintenance shop/washing station underground line going to the old underground gravity separation tanks will be removed or plugged. These existing sumps will be coated and a new underground line will be installed to carry this miscellaneous waste water to the new waste water treatment system. This line will either be installed inside of another line for leak detection or be waived where it can be pressure tested.

The old underground tanks will be removed from the ground and closed properly.

The lab system and old underground septic tank & leech field will be discontinued, this water will also go to the new sewer line.

BJ's consultant requested recommendations from the NMOCD so they may incorporate these into their design.

The following recommendations were made.

1. Since BJ is going to be the owner of the new effluent discharge line they should design the system where they can perform a pressure test on the line.
2. All new underground tank, sump etc. systems should have secondary containment and leak detection.
3. All existing sumps should be up-graded to prevent leaks, and arranged to have integrity test performed on them.
4. All underground lines should be set-up to incorporate mechanical pressure testing.
5. Waste determinations should be made on non-exempt waste that is generated from the new waste water systems, i.e. solids, oils, etc.
6. If any other service companies tie into new line NMOCD shall be notified.
7. BJ should contact our NMOCD Santa Fe office to received their input on this new system as to how it will effect the existing Discharge Plan and to answer any hypothetical questions concerning secondary containment

devices.

Agreements/Conclusions:

Once BJ has their conceptual design finalized they will submit plans to NMOCD Santa Fe office attention: Mr. Mark Ashley (their DP permit writer) and copy the NMOCD district I office.

Additional comments not discussed in meeting:

After reviewing the BJ DP file it appears their Discharge Plan is up for renewal this year on October 2, of 1996. However, in order to remain in compliance and gain more flexibility in the permitting process, if BJ submits an application by June 2, 1996 then the existing approved discharge Plan shall not expire until the application for renewal has been approved or disapproved.

Therefore BJ might want to consider including this new modification as part of their new plan due in October, 1996. Please check with Mark Ashley on how to handle this.

Other unrelated Business:

Inspected area of recent acid spill. All cleaned up, looks excellent, BJ ran PH test per Brad Brooks. Sent spill report copy to Ashley and placed in BJ file.

Attachments:-2 letters from file requested by Brad Brooks BJ Letter dated 4/12/96 & 1/18/96.

cc: Brad Brooks-BJ SER.



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

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

June 12, 1996

LOVINGTON DAILY LEADER
P. O. Box 1717
Lovington, New Mexico 88260

RE: NOTICE OF PUBLICATION

ATTN: ADVERTISING MANAGER

Dear Sir/Madam:

Please publish the attached notice one time immediately on receipt of this request. Please proofread carefully, as any error in a land description or in a key word or phrase can invalidate the entire notice.

Immediately upon completion of publication, please send the following to this office:

1. ***Publisher's affidavit in duplicate.***
2. ***Statement of cost (also in duplicate.)***
3. ***CERTIFIED invoices for prompt payment.***

We should have these immediately after publication in order that the legal notice will be available for the hearing which it advertises, and also so that there will be no delay in your receiving payment.

Please publish the notice no later than June 19, 1996.

Sincerely,

Sally Martinez
Sally E. Martinez
Administrative Secretary

Attachment

Z 765 963 179

**Receipt for
Certified Mail**

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)



Sent to	
Street	Lovington Daily Leader
P.O. Box	P.O. Box 1717
City, State and Zip Code	Lovington, NM 88260
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

June 12, 1996

THE NEW MEXICAN
202 E. Marcy
Santa Fe, New Mexico 87501

RE: NOTICE OF PUBLICATION

PO #96-199-002997

ATTN: Betsy Perner

Dear Sir/Madam:

Please publish the attached notice one time immediately on receipt of this request. Please proofread carefully, as any error in a land description or in a key word or phrase can invalidate the entire notice.

Immediately upon completion of publication, please send the following to this office:

- 1. Publisher's affidavit.*
- 2. Invoices for prompt payment.*

We should have these immediately after publication in order that the legal notice will be available for the hearing which it advertises, and also so that there will be no delay in your receiving payment.

Please publish the notice on Tuesday, June 18, 1996.

Sincerely,

Sally Martinez
Sally E. Martinez
Administrative Secretary

Attachment

NOTICE OF PUBLICATION

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

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan renewal application has been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

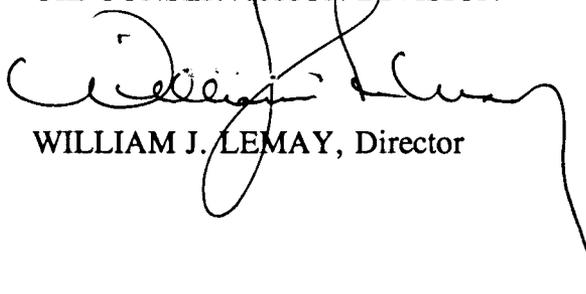
(GW-72) - BJ Services Company, Jo Ann Cobb, (713) 363-7528, 5500 Northwest Central Drive, Houston, Texas, 77092 has submitted an application for renewal of its previously approved discharge plan for the Hobbs Facility located in the NE/4 of Section 20, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico. Approximately 3,000 gallons per day of wastewater with a total dissolved solids concentration of approximately 4,000 mg/l will be stored in below grade fiberglass tanks prior to disposal in an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 55 feet with a total dissolved solids concentration of approximately 300 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the Director will approve or disapprove the proposed plan based on the information in the discharge plan application and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 11th day of June 1996.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY, Director

S E A L

Affidavit of Publication

STATE OF NEW MEXICO)
) ss.
COUNTY OF LEA)

Joyce Clemens being first duly sworn on oath deposes and says that he is Adv. Director of THE LOVINGTON DAILY LEADER, a daily newspaper of general paid circulation published in the English language at Lovington, Lea County, New Mexico; that said newspaper has been so published in such county continuously and uninterruptedly for a period in excess of Twenty-six (26) consecutive weeks next prior to the first publication of the notice hereto attached as hereinafter shown; and that said newspaper is in all things duly qualified to publish legal notices within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico.

That the notice which is hereto attached, entitled
Notice Of Publication

~~and XXXXXXXX~~ ~~XXXXXX~~

~~XXXXXXXXXXXX~~

~~XXXXXXXXXXXX~~ was published in a regular and entire issue of THE LOVINGTON DAILY LEADER and not in any supplement thereof, ~~once each week~~ once each week for one (1) day

~~XXXXXXXXXXXX~~, beginning with the issue of

June 19, 19 96

and ending with the issue of

June 19, 19 96

And that the cost of publishing said notice is the sum of \$ 44.00

which sum has been (Paid) ~~(XXXXXX)~~ as Court Costs

Joyce Clemens

Subscribed and sworn to before me this 25th

day of June, 19 96

Jean Senier
Notary Public, Lea County, New Mexico

My Commission Expires Sept. 28, 19 98

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

Notice is hereby given that pursuant to the New Mexico Water Quality Control Commission Regulations, the following discharge plan renewal application has been submitted to the Director of the Oil Conservation Division, 2040 S. Pacheco, Santa Fe, New Mexico 87505, Telephone (505)827-7131:

(GW-72) - BJ Services Company, Jo Ann Cobb, (713) 363-7528, 5500 Northwest Central Drive, Houston, Texas, 77092 has submitted an application for renewal of its previously approved discharge plan for the Hobbs Facility located in the NE/4 of Section 20, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico. Approximately 3,000 gallons per day of wastewater with a total dissolved solids concentration of approximately 4,000 mg/l will be stored in below grade fiberglass tanks prior to disposal in an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 55 feet with a total dissolved solids concentration of approximately 300 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan applications may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday thru Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing shall be held. A hearing will be held if the director determines that there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the plan based on the information available. If a public hearing is held, the Director will approve the plan based on the information in the discharge plan application and information presented at the hearing.

Given under the Seal of the State of New Mexico Oil Conservation Commission at Santa Fe, New Mexico on this 11th day of June, 1996.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
William J. LeMay, Director

SEAL
Published in the Lovington Daily Leader June 19, 1996.

ALMA
7-2-96

The Santa Fe New Mexican

Since 1849. We Read You.

NEW MEXICO OIL CONSERVATION
ATTN: SALLY MARTINEZ
2040 S. PACHECO
SANTA FE, NM 87505

AD NUMBER: 514877

ACCOUNT: 56689

LEGAL NO: 59881

P.O. #: 96199002997

173 LINES once at \$ 69.20

Affidavits: 5.25

Tax: 4.65

Total: \$ 79.10

JUN 20 1996

CONSERVATION DIVISION

NOTICE OF PUBLICATION

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan renewal application has been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico, 87505, Telephone (505) 827-7131:

(GW-72) - BJ Services Company, Jo Ann Cobb, (713) 363-7528, 5508 Northwest Central Drive, Houston, Texas, 77092 has submitted an application for renewal of its previously approved discharge plan for the Hobbs Facility located in the NE/4 of Section 20, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico. Approximately 3,000 gallons per day of wastewater with a total dissolved solids concentration of approximately 4,000 mg/l will be stored in below grade fiberglass tanks prior to disposal in an approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 55 feet with a total dissolved solids concentration of approximately 300 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday thru Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plans based on information available. If a public hearing is held, the director will approve or disapprove the proposed plans based on information in the discharge plan applications and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 11th day of June, 1996.
STATE OF NEW MEXICO
OIL CONSERVATION
DIVISION
WILLIAM J. LEMAY,
Director
Legal #59881
Pub. June 18, 1996

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO
COUNTY OF SANTA FE

I, BETSY PERNER being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily news paper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a Newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication # 59881 a copy of which is hereto attached was published in said newspaper once each week for one consecutive week(s) and that the notice was published in the newspaper proper and not in any supplement; the first publication being on the 18th day of JUNE 1996 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/s/ Betsy Perner
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 18th day of JUNE A.D., 1996

OK MA
6-21-96



OFFICIAL SEAL

Janet L. Montoya

NOTARY PUBLIC - STATE OF NEW MEXICO

Janet L. Montoya

MY COMMISSION EXPIRES 12/30/99

District I - (505) 393-6161
P. O. Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 86210
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

Revised 8/8/95

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

DISCHARGE PLAN APPLICATION FOR OILFIELD SERVICE FACILITIES

(Refer to the OCD Guidelines for assistance in completing the application)

New

Renewal

Modification

1. Type: Oilfield Service Facility
2. Operator: BJ Services Company, USA
Address: 2708 West County Road, Hobbs, New Mexico 88240
Contact Person: Brad Brooke Phone: (505) 392-5556
3. Location: /4 Northeast/4 Section 20 Township 18 South Range 38 East
Submit large scale topographic map showing exact location.
4. Attach the name and address of the landowner of the facility site.
5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.
6. Attach a description of all materials stored or used at the facility.
7. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included.
8. Attach a description of current liquid and solid waste collection/treatment/disposal procedures.
9. Attach a description of proposed modifications to existing collection/treatment/disposal systems.
10. Attach a routine inspection and maintenance plan to ensure permit compliance.
11. Attach a contingency plan for reporting and clean-up of spills or releases.
12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included.
13. Attach such other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.
14. CERTIFICATION

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: Jo Ann Cobb

Title: Manager, Environmental Services

Signature: Jo Ann Cobb

Date: 6-3-96

Final
BJ Services Company
Discharge Plan – Hobbs, New Mexico

I. Type of Operation

BJ Services Company provides oilfield services, including cementing, acidizing, and fracturing services at oil and gas well sites.

II. Operator

BJ Services Company
2708 West County Road
Hobbs, New Mexico 88240
(505) 392-5556
Contact: Mr. Brad Brooks

III. Location

Northeast Quarter of Section 20
Township 18 South
Range 38 East
N.M.P.M.
Lea County, New Mexico

IV. Landowner of Facility Site

BJ Services Company
5500 Northwest Central Drive
Houston, Texas 77092
(713) 363-7528
Contact: Ms. Jo Ann Cobb, R.E.M.

V. Facility Description

See Attachment 1, Site Plan

W:\BJSERVA\2832\005R.DOC

1

"This report was prepared in accordance with the standards of the environmental consulting industry at the time it was prepared. It should not be relied upon by parties other than those for whom it was prepared, and then only to the extent of the scope of work which was authorized. This report does not guarantee that no additional environmental contamination beyond that described in this report exists at this site."

VI. Materials Stored or Used at the Facility

Material	General Makeup (includes additives)	Form	Type of Container (tank, drum, can, etc.)	Estimated Volume Stored (gallons, barrels, etc.)	Location (yard, shop, drum storage, wash bay, etc.)
Drilling Fluids	Not Applicable (N/A)	N/A	N/A	N/A	N/A
Brines	N/A	N/A	N/A	N/A	N/A
Acids	Hydrochloric Glacial Acetic	Liquid Liquid	Tank Drums	20,000 gallons 110 gallons	Yard Warehouse
Detergents	Detergent	Liquid	Drum	55 gallons	Truck Wash Bay
Solvents	Aliphatic Degreasing Solvent	Liquid	Drum	60 gallons	Shop
Paraffin Treatment, Emulsion Breakers	Various products serve this function	Liquid	Drums	550 gallons	Warehouse
Biocides	Bacteriacide for treating water	Solid	Jug	6 pounds	Warehouse
Others	Cement Sand	Solid Solid	Silos Silos	4,800 sacks 500 tons	Yard Rail spur

VII. Sources of Effluent and Waste Solids

Waste Type	Source and Composition	Volume per Month	Major Additives
Truck Wastes (e.g. brine, produced water, drilling fluids, off-spec and reclaim cement, oil wastes, etc.)	Off-spec cement and cement or water not used on the job	Cement: 500 sacks Water: 2000 gallons	N/A
Washing Operations	Waste water from truck wash bay	20,000 gallons	Detergent
Steam Cleaning	N/A	N/A	N/A
Solvent Use	Degreasing solvent from cleaning truck parts in the shop	30 gallons	Grease, oil
Spent Fluids	N/A	N/A	N/A
Waste Slop Oil	N/A	N/A	N/A
Waste Motor Oil	Shop	500 gallons	None
Oil Filters	Shop	5 drums	None
Solids and Sludges	Wash Bay Dirt	200 gallons	None
Painting Wastes	N/A	N/A	N/A
Sewage	Domestic sewage Truck wash water	Unknown 20,000 gallons	Soap Detergent
Other Waste Liquids	Lab waste: Oil-based and Water-based	10 gallons	None
Other Waste Solids	Tires Batteries	10 5	None None

MS-441
 shag about new drums
 #9
 11/2 WRT

VIII. Current Liquid and Solid Waste Collection/Treatment/Disposal Procedures

Waste Type	On-site Handling	Disposal
1. Truck Wastes	Cement is transferred to the reclaim silo	Off-site
2. Truck, Tank and Drum Washing	Wash water currently flows through a line to underground fiberglass tank.	Hauled off-site by truck for disposal at the City wastewater receiving facility
3. Steam cleaning of parts	N/A	N/A.
4. Solvent/Degreaser Use	Drum	Hauled off-site
5. Spent acids	N/A	N/A
6. Waste Slop Oil	N/A	N/A
7. Waste Lubrication and Motor Oils	Inside the shop, oil pans are dumped into a receptacle. A pump transfers waste oil from the receptacle, to a 400-gallon holding tank located outside of the shop.	Picked up one or two times per month and hauled off-site for processing.
8. Oil Filters	Stored in drums	Hauled off-site for incineration
9. Sludges from Tanks	Dirt from the truck wash is caught in a trap.	A vacuum truck picks up the accumulated sludge and takes it to an off-site landfill for disposal.
10. Painting Wastes	N/A	N/A
11. Sewage	On-site septic system	Treated water flows into a leach field
12. Other Waste Liquids: Lab Wastes (oil-based and water-based)	Lab wastes are stored in drums.	Hauled off-site
13. Other Waste Solids	Tires - a local tire company comes on-site, changes tires, and hauls off the old tire for disposal. Batteries - a local company comes to the facility, replaces old batteries, then takes the old one away.	Off-site disposal by local tire and battery service companies.

IX. Proposed Modifications

Additions:

1. New truck wash bay facility with collection sump
2. New waste water and sewage effluent line from facility to City of Hobbs sewage collection system
3. New acid loading plant, including tank and fume scrubber
4. Two silos, with dust collector, at existing cement blending facility
5. New LFC plant

Removals:

1. Truck maintenance shop/washing station underground waste water line going to the old underground gravity separation tanks will be removed or plugged.
2. Existing sumps will be coated and a new underground line will be installed to carry waste water to the new effluent line.
3. Fiberglass tanks currently used in wash water system will be removed following sewer hook-up.

X. Inspection and Maintenance

See Attachment 2, Safety and Environmental Inspection Checklists

IX
Time done
done
\$ 1231.96

XI. Contingency Plan

See Attachment 3, Facility Emergency Response Contingency Plan

XII. Site Characteristics

Bodies of Water: None within 1 mile. Green Meadows Lake is nearest body of water.

Arroyos: None.

Groundwater Characteristics:

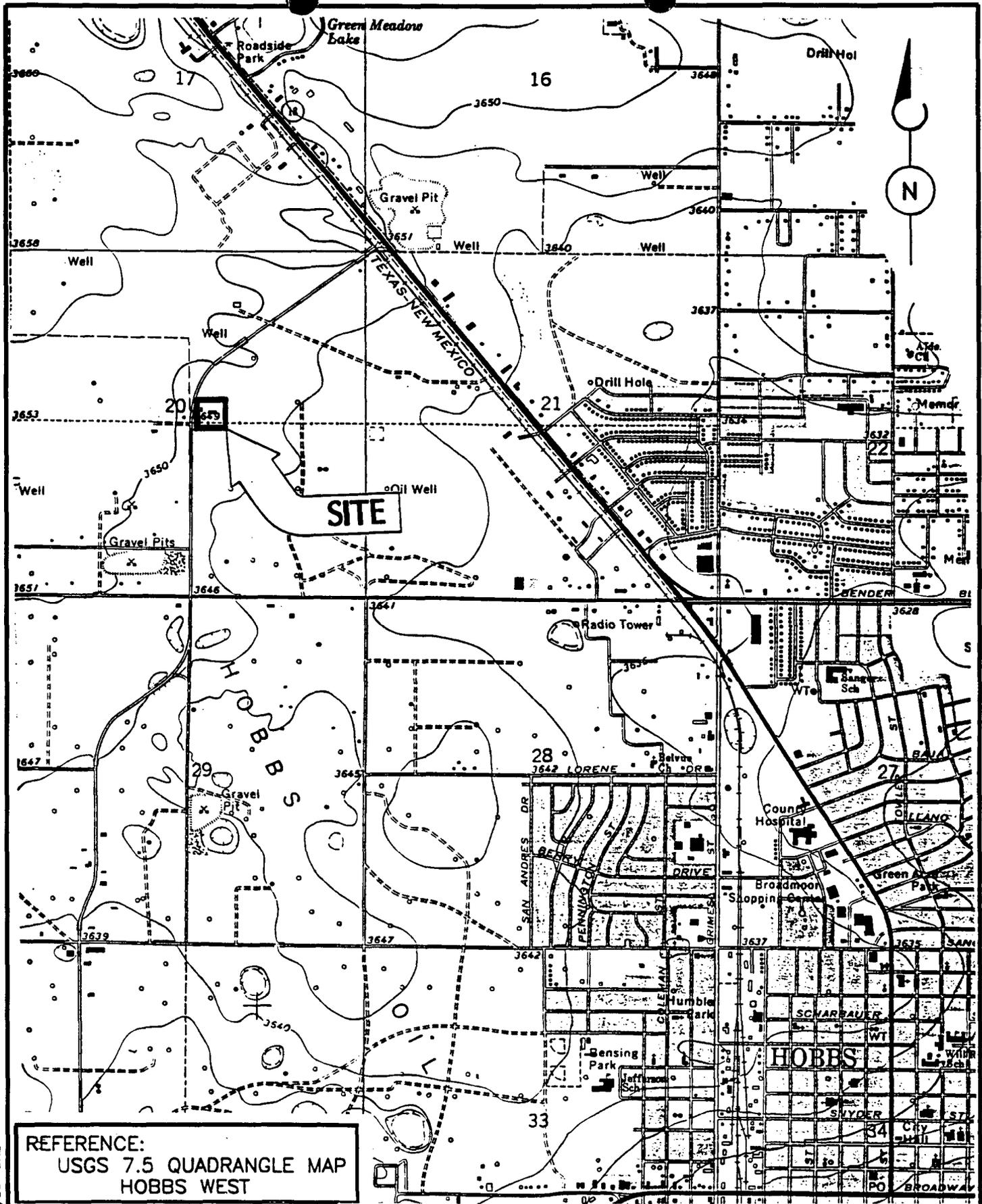
Depth to: 52 feet (see boring log in Attachment 4)

TDS Concentration:

Flooding Potential: None.

ATTACHMENT 1

SITE PLANS

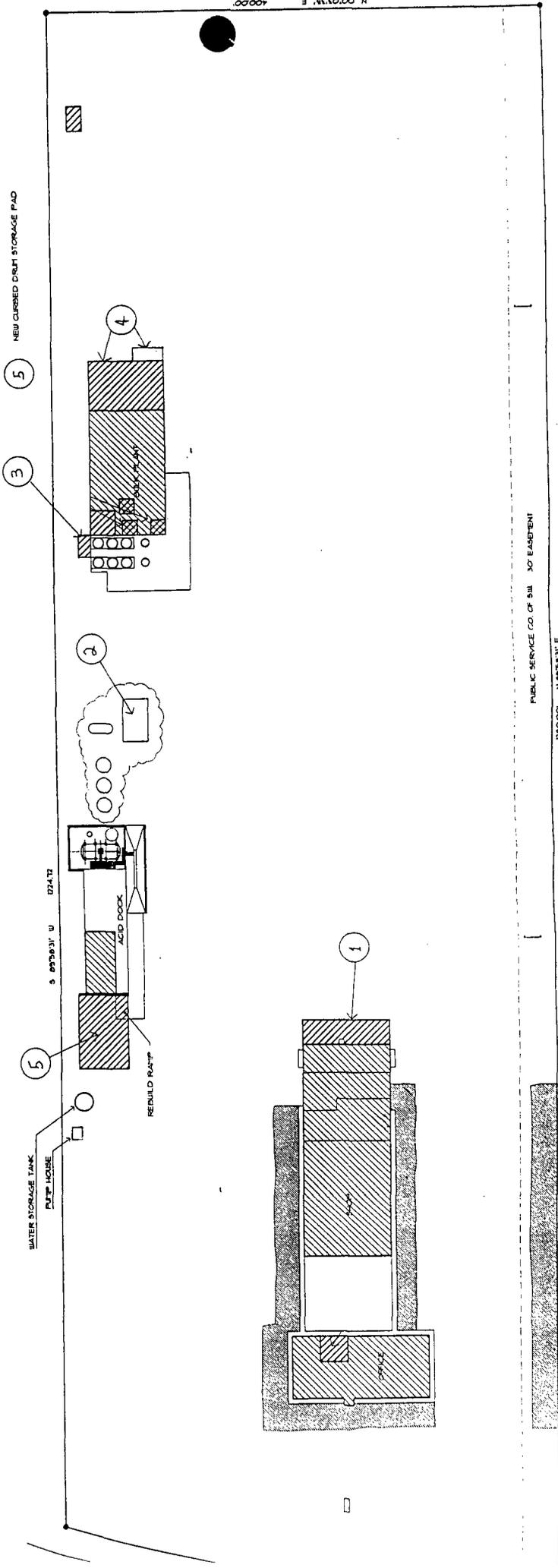


REFERENCE:
 USGS 7.5 QUADRANGLE MAP
 HOBBS WEST

T: 2830 \ 5VICN 1/25/86 DHD

BROWN AND CALDWELL HOUSTON, TEXAS SUBMITTED: _____ DATE: _____ PROJECT MANAGER APPROVED: _____ DATE: _____ BROWN AND CALDWELL	0 1000 2000 SCALE: 1" = 2000' DRAWN BY: <i>DHD</i> DATE: <i>1/22</i> CHK'D BY: _____ DATE: _____ APPROVED: _____ DATE: _____	TITLE SITE LOCATION MAP CLIENT BJ SERVICES COMPANY, U.S.A. SITE LOCATION HOBBS, NEW MEXICO	DATE 1/26/96 PROJECT NUMBER 2830-19 FIGURE NUMBER 1
---	--	--	---

- 1 HEAD RACK RELOCATED FROM OLD BI YARD (NEW CONCRETE PAD)
- 2 STRUCTURES TO BE REMOVED
- 3 CONCRETE PAD FOR COMPRESSOR
- 4 LFC PLANT, RELOCATED CRANE FROM OLD BI YARD, AND BUILDING
- 5 NEW CURBED DRIFT STORAGE PAD



PUBLIC SERVICE CO. OF ILL. 30' EASEMENT

TR0000 N 89°58'31" E

ATTACHMENT 2
SAFETY AND ENVIRONMENTAL
INSPECTION CHECKLISTS



QUARTERLY STATION SAFETY REVIEW

DISTRICT _____ DATE _____

STATION MANAGER _____ SAFETY REVIEWER _____

POINTS: TWO (2) POINTS - MEETS STANDARDS/SATISFACTORY (OR NOT APPLICABLE)
ONE (1) POINT - BELOW STANDARDS, REQUIRES ATTENTION OR IMPROVEMENT
ZERO (0) POINTS - REQUIRES IMMEDIATE ATTENTION

1. GENERAL CONDITIONS

AREA REQUIRED

- A. Current OSHA poster Office
B. OSHA 200 records Office
C. Fire extinguishers - operable and inspected All areas
D. Personal protective equipment available All areas (except office)
E. Personal protective equipment used as required All areas (except office)
F. First aid kit Offices, shops
G. Material Safety Data Sheets Office, chemical warehouse
H. Safety signs and notices All areas
I. Trained first aider at facility Facility
J. Emergency phone number for fire, injury, police, ambulance, doctor, chemical spills All telephones
K. Safety bulletin board All areas
L. Emergency plan for fire, injury or chemical spill Office, change room
M. Safety equipment for visitors or vendors Facility
Office
TOTAL _____

2. PREMISES

- A. General housekeeping and appearance
B. Entryway
C. Parking
D. Lighting
E. Landscape
F. Company sign
G. Prohibited articles and substances sign
H. Safety sign (scoreboard)
I. Notice to visitors and vendors
J. Security fence
TOTAL _____

5. SHOP

- A. Housekeeping and appearance
B. Condition of hand tools
C. Grinding equipment and signs
D. Welding and cutting equipment
E. Cranes, hoist and jacks
F. Lubrication area
G. Electrical panels and wiring
H. Parts storage
I. Overhead storage posted for capacity
J. Heating and cooling system
K. Fixed stairs and railings
L. Battery charging and storage
M. Washbay, sump and truck washer
N. Painting and paint storage
O. Cleaning agents and solvents
P. Work platforms
Q. Oily rag containers
R. Confined space permit system
S. Hot work permit system
T. Lockout/tagout procedures
U. Ladders
V. Sandblasting
TOTAL _____

3. OFFICE

- A. Housekeeping and appearance
B. Heating and cooling system checked annually
C. Adequacy and cleanliness of toilet facilities
D. Floors clean and free of obstructions
E. Doorways and passageways unobstructed
F. Exits clearly marked
TOTAL _____

4. LABORATORY

- A. Housekeeping and appearance
B. Chemical containers identified
C. Only required chemicals on hand
D. Vent hood installed and operable
TOTAL _____

6. LOCKER ROOM

- A. Housekeeping and appearance
B. Ventilation
C. Shower and sinks
D. Toilets
E. Lockers
F. Water fountain
TOTAL _____

7. HEAD RACK

- A. Housekeeping and appearance _____
 - B. Heads, manifolds, swages stored safely _____
 - C. Thread protectors in use _____
 - D. Baker vise or better _____
 - E. Hoist adequate _____
 - F. Pick up chains safe _____
 - G. Adequate pipe wrenches _____
 - H. Pinpullers to standard _____
- TOTAL** _____

8. CHEMICAL WAREHOUSE

- A. Housekeeping and appearance _____
 - B. Chemicals identified _____
 - C. Proper stacking, storage and handling _____
 - D. Gates, railing, walkways, ladders and stairs _____
 - E. Hoses, piping and valves _____
 - F. All drives guarded _____
 - G. Personal protective equipment used _____
 - H. Electrical panels and wiring _____
 - I. Safety shower and eyewash _____
- TOTAL** _____

9. CEMENT BULK PLANT AND SAND STORAGE

- A. Housekeeping _____
 - B. Electrical adequate with lights _____
 - C. Gates, walkways, railings and ladders satisfactory _____
 - D. Climbing safety devices and procedures _____
 - E. All drives guarded _____
- TOTAL** _____

10. ACID STORAGE

- A. Housekeeping _____
 - B. Walkways and stairs _____
 - C. Pump, fittings, valves, piping and hoses _____
 - D. Vent line and fume scrubber _____
 - E. Containment walls _____
 - F. Eyewash and shower _____
 - G. Tanks identified _____
- TOTAL** _____

11. FORKLIFT

- A. Rated capacity shown _____
 - B. Backup alarm or flashing light _____
 - C. Trained operators _____
 - D. Controls operate properly _____
 - E. Brakes _____
- TOTAL** _____

12. FUEL ISLAND

- A. Guarded pumps _____
 - B. Guarded fuel storage _____
 - C. Fire extinguisher _____
 - D. Hoses and pumps _____
 - E. Trash container _____
- TOTAL** _____

FACILITY TOTAL _____

COMMENTS

MANAGERS SIGNATURE: _____

BJ SERVICES - WAREHOUSES

ENVIRONMENTAL REVIEW

REGION: SUPPORT

DATE:

LOCATION:

MANAGER:

FORM REVISED 8-94

REVIEWER:

ALL EVALUATIONS RATED ON THE FOLLOWING SCALE:

<u>Points</u>	=	<u>Category</u>	=	<u>Facility</u>	-	<u>Total Points</u>
2	=	Immediate Action Necessary	=	36	-	45
3	=	Could Use Some Improvement	=	46	-	74
5	=	Up To Standard or "Not Applicable"	=	75	-	90

1. PRODUCT INVENTORY

- A. BJ LABELS ON ALL DRUMS
- B. DRUMS ON PALLETS OR SAFELY STACKED
- C. BUNGS IN DRUMS
- D. DRUM INVENTORY BEING ROTATED
- E. CONDITION OF DRUMS
- F. INVENTORY ACCESSIBLE
- G. CONDITION OF DRY CHEMICAL STORAGE
- H. PRODUCTS WITH SAME CODE STORED TOGETHER
- TOTAL**

2. GENERAL CONDITIONS

- A. SPILL CONTROL AND CLEAN UP EQUIPMENT AVAILABLE
- B. PRESENCE AND KNOWLEDGE OF SPILL REPORTING PROCEDURES
- C. PRESENCE AND KNOWLEDGE OF USING OVERPACK DRUMS
- D. PRESENCE AND CONDITION OF TRUCK WASH BAY SUMPS
- E. CONDITION OF YARD
- F. CONDITION OF PROPERTY INCLUDING VEGETATION SURROUNDING BJ PROPERTY
- G. NO OPEN CONTAINERS OUTSIDE COLLECTING WATER

ATTACHMENT 3
FACILITY EMERGENCY RESPONSE
CONTINGENCY PLAN

FACILITY EMERGENCY RESPONSE CONTINGENCY PLAN

BJ SERVICES COMPANY U.S.A.
2708 WEST COUNTY ROAD
HOBBS, NEW MEXICO 88240
(505) 392-5556

JANUARY 1, 1996

EMERGENCY RESPONSE CONTINGENCY

TABLE OF CONTENTS

TABLE OF CONTENTS.....1
DESCRIPTION OF FACILITY.....2
EPA IDENTIFICATION NUMBER.....2
STORAGE AND HANDLING.....3
IDLH POLICY.....3
MUTUAL AID AGREEMENT.....4
FIRE FIGHTING EQUIPMENT.....4
CHEMICAL SPILL STATIONS.....4
TRAINING OF EMPLOYEES IN CONTAINMENT AND FIGHTING OF
FIRES AND CHEMICAL SPILLS.....4
EVACUATION PLANT.....5
CONTINGENCY PLAN AND EMERGENCY PROCEDURES.....6
 EMERGENCY COORDINATOR.....6
 EMERGENCY PHONE NUMBERS.....7
 DETERMINATION OF EXTENT OF DANGER.....8
 IN EVENT OF FIRE.....8
 SUDDEN OR NON-SUDDEN RELEASE OF HAZARDOUS CHEMICALS...9
 NOTIFICATION PROCEDURES.....10
 PROPERTY OR POSSESSIONS OF A THIRD PARTY.....10
 CLEAN-UP AND POST EMERGENCY PROCEDURES.....10
 SMALL SCALE INCIDENT.....10
 LARGE SCALE INCIDENT.....10
 POST EMERGENCY PROCEDURE.....11
PROCEDURE GUIDELINES FOR INCIDENTS NOT COVERED BY
BJ SERVICE COMPANY FACILITY PLAN.....12
RISK ANALYSIS-WORST CASE INCIDENT/MOST
PROBABLE INCIDENT.....13
 AMMONIUM BIFLOURIDE.....13
 ACETIC ANHYDRIDE.....14
 CAUSTIC SODA.....15
 HYDROCHLORIC ACID.....17
 XYLENE.....18
FACILITY MAP.....20

EMERGENCY RESPONSE CONTINGENCY

DESCRIPTION OF FACILITY

BJ Services Company is an oil and gas well cementing and treatment service company using various chemicals for specific stimulation and cementing applications.

Our Hobbs, New Mexico facility is the primary location for servicing contract activities. Like most of our other locations, the Hobbs station is expected to maintain on its premises various quantities of chemicals stored in 55 gallon drums, a bulk cement plant, and a bulk hydrochloric acid tank.

The general types of hazardous materials which could be stored at this facility are cationic, anionic, and non-ionic surfactants which are dissolved in one or more of the following fluids: water, metanol, isopropyl alcohol, glycols, xylene, and aromatic or mineral spirits. Wastes would be generated by products not meeting BJ Services specified quality parameters or by contaminated products. These materials would then have the following EPA hazardous waste codes:

- (D001) general ignitable wastes with flash points below 140 degrees F
- (D002) general corrosive wastes with a ph below 2 or above 12.5

EPA IDENTIFICATION NUMBER: NMD 052377637

This number provides access to stored information pertaining to this operation and should be utilized in any correspondence with the United States Environmental Protection Agency.

EMERGENCY RESPONSE CONTINGENCY

STORAGE AND HANDLING

All liquid bulk tanks have containment dikes built around them. Chemical inventories are kept at a minimum to lower the risk factor. Storage of drums are such that no incompatible chemical or reactive chemical is stored together. When possible, less toxic chemicals are the chemical of choice for storage. Employees are rewarded for safe handling practices and are encouraged to present new safety procedures. All equipment and procedures are modified to reduce hazards and effects of hazards.

IDLH POLICY

(Immediately Dangerous Life and Health Level)

It is BJ Service Companies policy that human life takes priority over all other things. In the event an IDLH situation is present or may be present, no employee and/or non-employee will be allowed in the IDLH area without Level 1 or Level 2 P.P.E. (Personal Protection Equipment) and appropriate documents showing they are qualified to use Level 1 or Level 2 P.P.E. and have supportive training in a hazardous environment.

In the event of an IDLH situation, evacuation of facilities and/or surrounding areas will take priority over the immediate incident until properly equipped and trained personnel arrive at the incident. Fire will be fought by remote equipment unless it can be contained without endangering personnel. Major spills that would include an IDLH situation would be contained to the extent that no person would be placed in jeopardy. The buddy system will apply in all situations.

The following is a list of the PPE levels referred to above:

- PPE 4: Minimum protection is chemical resistant boots, gloves, and glasses
- PPE 3: Minimum protection is chemical resistant boots, gloves, glasses, and a respirator
- PPE 2: Minimum protection is chemical resistant boots, gloves, glasses, a self-contained breathing apparatus, and a personal environment suit
- PPE 1: Minimum protection is chemical resistant boots, gloves, glasses, a self-contained breathing apparatus, and a totally enclosed sarnes suit (a self-sustained/chemical resistant suit)

EMERGENCY RESPONSE CONTINGENCY

MUTUAL AID AGREEMENT

BJ Services Company will assist the surrounding businesses and communities in an emergency condition with the aid of personnel and equipment whenever possible. Due to our policy on IDHL situations, we will not allow our personnel or equipment to be placed at risk below a level 3 P.P.E. condition.

FIRE FIGHTING EQUIPMENT

Dry chemical charged extinguishers, 2.5#, 5#, 10#, and 25# are located at several strategic stations throughout the facility. Each stationary fire extinguisher station is visibly marked with proper placarding. Each company vehicle is also equipped with a portable fire extinguisher. A 1.5" water line is located inside the dry chemical warehouse.

Various pumping units could be rigged up to pump high volumes of water to inside an/or outside fires.

CHEMICAL SPILL STATIONS

Chemical spill stations are located in the warehouse and on the acid dock. Equipment at each station is one shovel, soda ash, buckets, all purpose absorbent, chemical goggles, a respirator and a rubber apron and gloves.

TRAINING OF EMPLOYEES IN CONTAINMENT AND FIGHTING OF FIRES AND CHEMICAL SPILL

In the event of a chemical spill, all employees are trained in the procedures of notification and methods of cleanup. New employees are trained in all hazards related to our chemicals including fire, health, reactivity, and any special hazards as indicated by product labels and MSDS information. All employees are updated during regular safety meetings regarding current procedures on fire fighting, chemical spills and evacuation plans. Each employee is alerted to any special conditions at the well site during a mandatory pre-job safety meeting. Fire drills and emergency procedures are performed at the facility on a continuing basis. Safety is stressed at all times and is the most paramount consideration during any task performed by our employees. All employees are issued a complete set of personal safety equipment. This equipment is each employee's personal responsibility and is to be readily accessible at all times.

EMERGENCY RESPONSE CONTINGENCY

EVACUATION PLAN

In the event it is determined that evacuation is necessary, employees will be notified by the public address system. Escape routes taken will be determined by wind speed and direction, weather conditions, type of condition that created the emergency, and the location of employees. The buddy system will be used during evacuation as employees go to a designated safe area and a head count will be taken immediately.

The level of emergency response outside of the facility will be determined by the quantity of spillage, size of fire, wind direction, weather conditions, and the evaluation of the safest methods of response; i.e., leave immediate area, stay in buildings and close all doors and windows, etc. Roads will be closed in accordance with the level of the emergency.

Special areas of concern are:

- 1) Weatherford northeast of yard
- 2) House northwest of yard across W. County Road
- 3) Pipe storage yard across W. County Road

All individuals in these areas would be notified by phone, public address system, or in person.

Notification information will include:

- 1) The type of emergency situation that exists
- 2) Procedures to follow
- 3) Routes to be taken
- 4) Proper medical attention to be sought if needed
- 5) An all clear will be issued when the hazard has been contained and it is safe to return

EMERGENCY RESPONSE CONTINGENCY

CONTINGENCY PLANS AND EMERGENCY PROCEDURES

The purpose of the following is to set forth contingency plans which will minimize hazards to human health and the environment in the event of fires, explosion, or uncontrolled release of hazardous chemicals. Should any of these events occur at this facility the emergency coordinator will take action as described in the following sections:

- 1) The Emergency Coordinator
 - A. Designation of Emergency Coordinator
 1. The principal emergency coordinator for the facility is:
Jim Frazier Office: 505 392-5556
2708 W. County Rd. Home: 505 397-0320
Hobbs, New Mexico 88240
 2. The alternate emergency coordinators are:
Clint Chamberlain Office: 505 392-5556
2708 W. County Rd. Home: 505 392-4778
Hobbs, New Mexico 88240

Brad Brooks Office: 505 392-5556
2708 W. County Rd. Home: 505 392-2717
Hobbs, New Mexico 88240

Shermon Walters Office: 505 392-5556
2708 W. County Rd. Home: 505 396-5047
Hobbs, New Mexico 88240
 3. During non-working hours, the police or fire department will notify one or all designated coordinators if an emergency should occur.
 - B. Responsibility of the Emergency Coordinator
 1. The emergency coordinator or his designee must activate the alarm system and notify employees of the imminent or actual emergency.

EMERGENCY RESPONSE CONTINGENCY

2. In the event of an actual emergency, the coordinator or his designee will notify the appropriate local, state, and federal authorities as required:

- a) Hobbs Fire Department
Local Emergency 911
- b) Hobbs Police Department
Local Emergency 911
- c) Ambulance Service 911
- d) Carelink Helicopter
1-800-743-4444
1-800-456-5465
- e) Flight for Life
1-806-796-6575
- f) Emergency Medical and Poison Center
Galveston 1-409-765-1420
National Hot Line 1-800-541-5624
Spokane Washington
- g) EPA Hazardous Substance Spill
National Response Center
HOT LINE 1-800-424-8802
Information 1-800-424-9346
- h) Chemtrec (Chemical Transportation
Emergency Center) 1-800-424-9300
- i) National Weather Service Information
1-817-334-3401
- j) Phil Lehman 1-713-462-4239
BJ Services Co. 1-800-234-6487
Manager-Field Safety
Houston, Texas

EMERGENCY RESPONSE CONTINGENCY

3. The emergency coordinator will also determine the extent of the danger
 - a) he should note the exact locations of the dangerous areas
 - b) he should note whether fire or threat of fire is involved
 - c) he should note any injuries requiring medical attention
 - d) he should attempt to identify the types of hazardous chemical involved and most appropriate equipment needed to contain the incident
 - e) he should determine which, if any, local agencies should be summoned
 - f) he should order the evacuation of the employees if necessary
 - g) he should direct the activities of the emergency response team
4. In the event of fire, the emergency coordinator will immediately call the fire department, and upon their arrival, have the emergency team cease their control efforts.

2) Emergency Procedures

- A. In the event of fire, the emergency coordinator or his alternate must be notified immediately.
 1. An attempt should be made to extinguish the fire with on-site fire fighting equipment.
 2. The Hobbs Fire Department will assume control of the situation upon arrival at the scene.
- B. In the event of an explosion, the emergency coordinator or his alternate must be notified immediately.

EMERGENCY RESPONSE CONTINGENCY

1. An attempt should be made by facility personnel to prevent or minimize any recurring explosions by re-positioning hazardous chemical drums away from the hazard area if this can be accomplished safely.
 2. Medical help should be requested immediately.
- C. In the event of a sudden or non-sudden release of hazardous chemical, the emergency coordinator or his alternate shall be notified immediately.
1. Efforts should commence immediately to contain the spill with appropriate dike and/or absorbent material. Acid wastes will be neutralized with soda ash prior to adding absorbent.
 2. Sources of heat, sparks, and flames should immediately be removed to prevent fires or explosions.
 3. If a non-sudden release of hazardous chemical is discovered, the source of this leak should be found and appropriate action taken to stop the leak.
- 3) Notification Procedures
- A. If, in the opinion of the emergency coordinator or his alternates, a possibility of harm to human health or the environment could result from an incident of fire, explosion or release of hazardous chemical shall require the immediate notification of the local fire police, ambulance and/or hospital services
1. The caller to the agencies will furnish the following:

EMERGENCY RESPONSE CONTINGENCY

- a. Name and telephone number of the caller
 - b. Name and address of the warehouse
 - c. Time and nature of the emergency
 - d. Type and quantity of material involved
(to the extent known)
 - e. Extent of any injuries
 - f. Possible health and/or environmental hazards outside the warehouse facility
- C. Any incident which is large enough to involve property or possessions of a third part will require the notification of all applicable agencies listed in Section 1-B,
Responsibilities of the Emergency Coordinator
1. The caller to these agencies will furnish the following:
 - a. Name and telephone number of the caller
 - b. Name and address of the warehouse
 - c. Time and nature of the emergency
 - d. Type and quantity of material involved
(to the extent known)
 - e. Extent of any injuries
 - f. Possible health and/or environmental hazards outside the warehouse facility
 4. Clean-up and Post Emergency Procedures
 - A. Small scale incidents will be cleaned up with absorbent material and picked up with non-sparking shovels and other equipment and placed in a competent drum, sealed and disposed of properly.
 - B. Larger scale incidents will be diked to prevent run-off of fire fighting water and/or spilled hazardous chemical as feasible.

EMERGENCY RESPONSE CONTINGENCY

1. Vacuum trucks will be used to take away as much of the liquid as possible and then absorbent material will be used to finish removing the liquid remaining.
 2. The absorbed hazardous chemical will then be placed in sealable drums using equipment suitable to the size and amount of material needed to be removed.
 3. All hazardous chemicals collected in vacuum trucks will be reclaimed immediately after the emergency.
 4. All reclaimed hazardous chemicals collected on absorbent material and sealed in drums will be disposed in an appropriate disposal site as soon as normal working procedures permit.
- C. After the emergency is over, the emergency coordinator will make sure that in all the affected areas of the warehouse and all the emergency equipment is cleaned, replenished
- D. If the severity of the incident requires an investigation by the O.C.D., the emergency coordinator should make an effort to accumulate the following information as outlined in the Hazardous Substances Spill Contingency Plan:
1. Date and time of the spill
 2. The type of material spilled
 3. Quantity of material spilled
 4. The exact location of the spill, including the name of the waters involved or threatened
 5. The source of the spill
 6. Party responsible for the spill (name, address, phone number, permit number)

EMERGENCY RESPONSE CONTINGENCY

7. The extent of actual and potential water pollution
8. The party at the spill site who is in charge of operations at the site and the telephone number of this party
9. The steps being taken or proposed to contain and clean up the spilled material
10. The extent of injuries, if any
11. Possible hazards to human health, and the environment (air, soil, water, wildlife, etc.)

PROCEDURE GUIDELINES FOR INCIDENTS
NOT COVERED BY THIS PLAN

If an incident should occur that is not specifically discussed in this plan, the Emergency Coordinator shall use as a guideline the following publication:

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONVERSATION DIVISION

A copy of the BJ Services Company contingency plan shall be located in the dispatch area immediately alongside the master copy of the facility Master MSDS chemical listing.

EMERGENCY RESPONSE CONTINGENCY

RISK ANALYSIS
WORST CASE INCIDENT/MOST PROBABLE INCIDENT

AMMONIUM BIFLUORIDE

1. Worst Case Incident:
Fire inside of building, water used to fight fire. Water mixed with ABF produces hydrofluoric acid. Fumes from hydrofluoric acid inside confined area could exceed threshold limits for life without SCBA.
 - A. Probability of hazard occurrence: Low-- product is kept away from flammable products. Fire in compound will be fought with dry chemical, nitrogen, or foam. Good security arrangement that would deter tampering or accident resulting from civil uprising
 - B. Consequences if people are exposed: TLV-2.5 mg/m³ as fluoride. Acute irritation & chemical burns over exposed area of body. If fumes are above lethal concentrations, they would create an IDLH situation.
 - C. Consequences for property: Possible superficial damage to facility equipment and structure from corrosive fumes (repairable).
 - D. Consequences of environmental exposure: Possible destruction of surrounding flora and fauna.
 - E. Probability of simultaneous emergencies: Low
 - F. Unusual environmental conditions: None-- Area is not subject to flooding. No other contributing factor.
2. Most Probable Incident:
Damage to container (sack) spilling some or all of product into environment. Product is kept in 50# sacks. Amount of spill would probably be less than reportable quantity.
 - A. Probability of hazard occurrence: Medium-- reinforced sack could be ripped or a spill could occur during loading.

EMERGENCY RESPONSE CONTINGENCY

- B. Consequences if people are exposed: Irritation and chemical burns over exposed area of body. Extremely low respiratory irritation.
- C. Consequences for property: None -- cleanup procedures would eliminate any product.
- D. Consequences of environmental exposure: None-- cleanup procedures would eliminate contamination from the product.
- E. Probability of simultaneous emergencies: Low
- F. Unusual environmental conditions: None. Area is not subject to flooding. No other contributing factor.

ACETIC ANHYDRIDE

- 1. Worst Case Incident:
Rupture of drum. Product mixes with alkalis, oxidizing material, or strong mineral acids creating gas and heat.
 - A. Probability of hazard occurrence: Low-- product is stored away from all alkalis, oxidizing materials, and mineral acids. Good security arrangement that would deter tampering or accident resulting from civil uprising.
 - B. Consequences if people are exposed: IDLH situation until gas cloud and heat dissipate. High humidity and low wind would prolong hazardous conditions. Acute immediate effect to respiratory system. Severe damage and blindness if acetic anhydride residue enters eyes. Thermal decomposition may produce carbon monoxide and/or carbon dioxide.
 - C. Consequences for property: May produce superficial damage to facility, equipment, and structure from heat (repairable).
 - D. Consequences of environmental exposure: Possible destruction of surrounding flora and fauna.
 - E. Probability of simultaneous emergencies: Low

EMERGENCY RESPONSE CONTINGENCY

F. Unusual environmental conditions: None. Area is not subject to flooding. No other contributing factors.

2. Most Probable Incident:

Rupture or spillage of 55 gallon drum into environment. Product does not mix with alkalies, oxidizing materials, or mineral acids. Amount of spill would probably be less than reportable quantity.

A. Probability of hazard occurrence: Low/Medium-- Highest risk would be human error, lowest risk would be rupture of drum.

B. Consequences if people are exposed: Eyes-- Severe damage and blindness rapidly; Skin-- Causes burns; Breathing mist causes damage to mucous membranes and deep tissue damage; if swallowed, severe damage to mucous membranes and deep tissue.

C. Consequences for property: May produce minor superficial damage to facility, equipment and structure (repairable).

D. Consequences of environmental exposure: Possible destruction of surrounding fauna and flora.

E. Probability of simultaneous emergencies: Low

F. Unusual environmental conditions: None-- area is not subject to flooding, no other contributing factors.

CAUSTIC SODA

1. Worst Case Incident:

Rupture of drum, product mixes with strong acid causing violent reaction. Product is an inorganic compound which is highly alkaline in nature. It is very reactive and can generate tremendous amounts of heat during such reactions.

EMERGENCY RESPONSE CONTINGENCY

- A. Probability of hazard occurrence: Low-- product is kept in enclosed shed away from all other chemicals. Drum is made of an extremely heavy plastic. Probability of more than one drum rupturing at any time is highly unlikely.
- B. Consequences if people are exposed: IDLH situation until gas cloud and heat dissipate. High humidity and low wind would prolong hazardous condition. Acute immediate effect to respiratory system, destructive to all human tissue giving severe burns, eye contact will produce severe or permanent injury.
- C. Consequences for property: May product superficial damage to facility, equipment, and structure from heat (repairable).
- D. Consequences of environmental exposure: Possible destruction of surrounding fauna and flora.
- E. Probability of simultaneous emergencies: Low
- F. Unusual environmental conditions: None-- area is subject to flooding, not other contributing factors.

2. Most Probable Incident:

Rupture or spillage of 55 gallon drum into environment. Product does not mix with any strong acid. Amount of spill would be less than reportable quantity.

- A. Probability of hazard occurrence: Low/Medium-- highest risk would be human error; lowest risk would be rupture of drum.
- B. Consequences if people are exposed: TLC-Sodium Hydroxide-2 mg/m³ (dust). Destructive to all human tissue giving severe burns. Eye contact will produce severe or permanent injury. Inhalation of mist or spray can injure respiratory tract.
- C. Consequences for property: May produce superficial damage to facility, equipment, and structure from corrosion (repairable).

EMERGENCY RESPONSE CONTINGENCY

- D. Consequences of environmental exposure: Possible destruction of surrounding flora and fauna.
- E. Probability of simultaneous emergencies: Low
- F. Unusual environmental conditions: None-- area is not subject to flooding, no other contributing factors.

HYDROCHLORIC ACID

1. Worst Case Incident:

Rupture of tank spilling contents into containment dike, releasing hydrochloric fumes into atmosphere.

- A. Probability of hazard occurrence: Low/Medium
Tank is lined and inspected daily, maintenance is performed as needed. Most likely cause of rupture to tank would be due to severe weather (lightning strike or tornado).
- B. Consequences if people are exposed: TLV-5PPM- acute irritation, choking, damage to tissue, chronic severe tissue damage. Probable IDLH.
- C. Consequences for property: Highly corrosive to many materials, will be contained in containment dikes. Damage repairable.
- D. Consequences of environmental exposure: Probable damage to fauna and flora by hydrochloric fumes (replaceable).
- E. Probability of simultaneous emergencies: Low
- F. Unusual environmental conditions: None-- area is not subject to flooding, no other contributing factors.

2. Most Probable Incident:

Spillage during loading or unloading. Amount of spill would be below reportable quantity.

- A. Probability of hazard occurrence: Medium/Low-- loading or unloading line could rupture, releasing product until valve is closed.

EMERGENCY RESPONSE CONTINGENCY

- B. Consequences if people are exposed: Irritation, choking, damage to tissue.
- C. Consequences for property: Product is easily neutralized with soda ash and will not harm property if taken care of quickly.
- D. Consequences of environmental exposure: Possible destruction of surrounding fauna and flora. (Replaceable).
- E. Probability of simultaneous emergencies: Low
- F. Unusual environmental conditions: None-- area is not subject to flooding, no other contributing factors.

H.A.S. (XYLENE)

1. Worst Case Incident:

Fire by various causes, reaction with oxidizing agent producing CO₂, SO₂ gas, rupture of drum spilling contents into environment.

- A. Probability of hazard occurrence: Medium-- highest risk would be fire by various causes; next highest risk would be rupture of drum spilling contents. Lowest risk would be reaction with oxidizing agent (no oxidizing agent is kept near product).
- B. Consequences if people are exposed: Product TVL 500 mg/m³- minimum damage except if ingested, high risk of burns from fire, possible IDLH situation if exposed to oxidizer.
- C. Consequences for property: Fire damage to immediate area, soil contamination.
- D. Consequences of environmental exposure: Contamination of soil. Damage to flora and fauna (replaceable).
- E. Probability of simultaneous emergencies: Low
- F. Unusual environmental conditions: None- area is not subject to flooding, no other contributing factors.

EMERGENCY RESPONSE CONTINGENCY

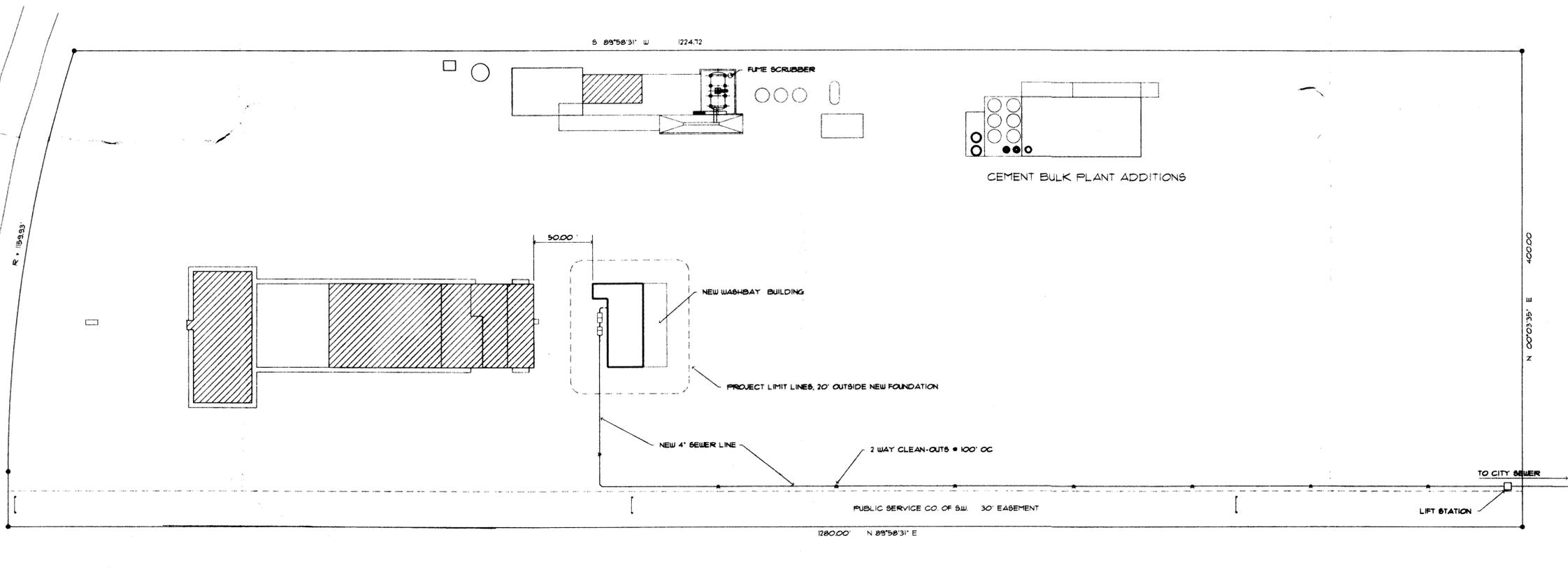
2. Most Probable Incident:

Fire by various causes.

All other areas are covered by worst case incident.

ATTACHMENT 4
BORING LOG

Jul 19, 1996 ** 09:46:13 ** C:\BJ-8616.DD\9616A010



EXISTING SITE PLAN
SCALE 1" = 50'-0"

SITE INFORMATION TAKEN FROM A TOPOGRAPHIC PLAT
PREPARED FOR THE WESTERN COMPANY BY ESMOND-HANER, INC.
AMARILLO, MIDLAND, AND ODESSA, DATED JAN 1981, PROJECT NO. E-H 3194
AND CHANNEL INFORMATION FROM REVISED TOPO, DATED MARCH 1981

RECEIVED
JUL 23 1996
Environmental Bureau
Oil Conservation Division

BJ
BJ Services Company, U.S.A.
11211 FM 2975
Tomball, Tx 77375

PROJECT NO. EU-9616
DWC NO. 9616-A010
DATE 18 JULY 1996
REVISIONS
DRAWN BY DCS

SCALE 1" = 50'-0" (IND)
SHEET NO. **A-1.0**

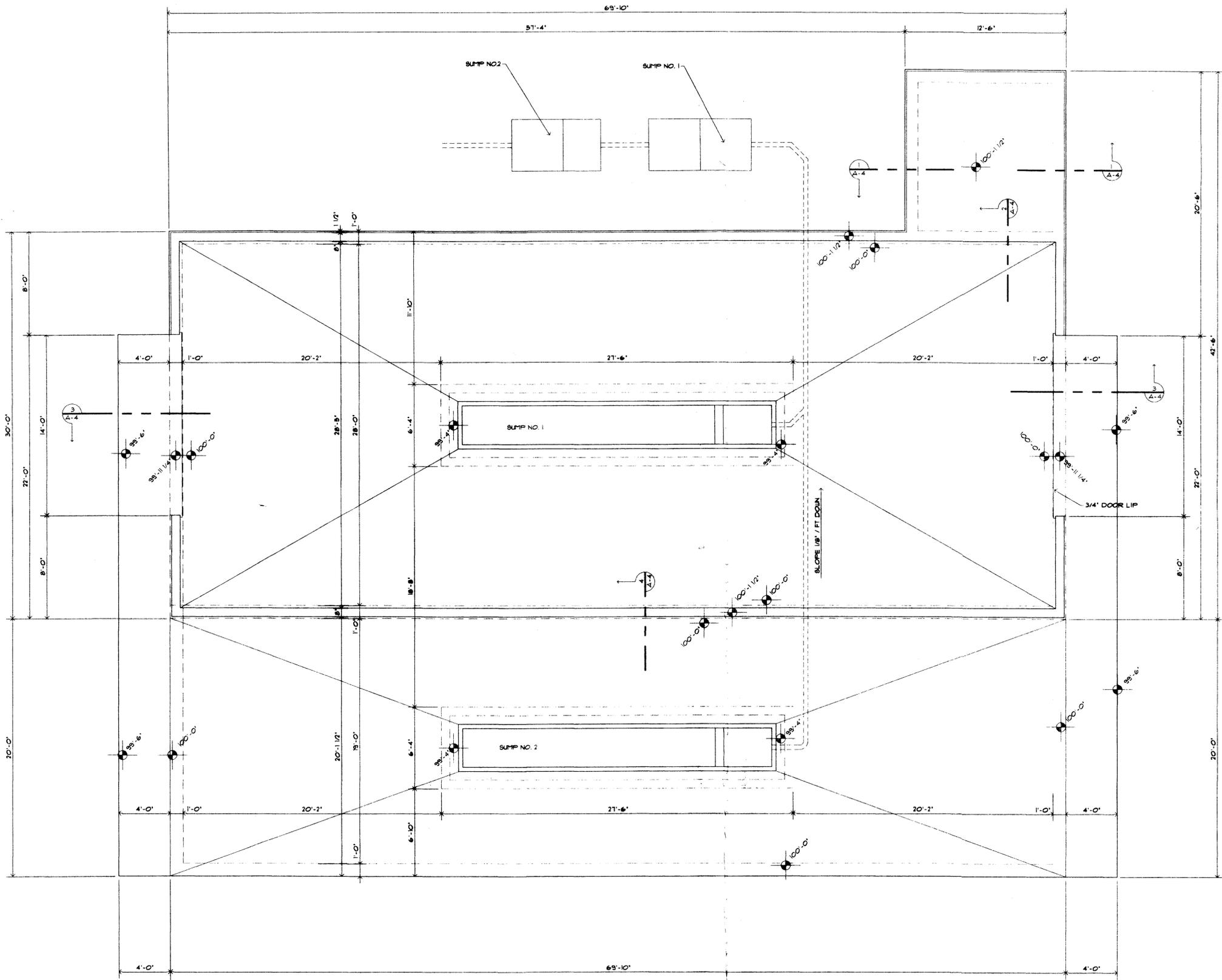
**FOUNDATION AND SUMP FOR
TRUCK WASH FACILITIES
HOBBS, NEW MEXICO DISTRICT FACILITY**



DORLAND CAROL SHELTON AIA CCS, ARCHITECT
ARCHITECT
1100 S. ALBUQUERQUE AVENUE, SUITE 100
ALBUQUERQUE, NEW MEXICO 87102
PHONE (505) 263-1171
FAX (505) 263-1171
Licenses are registered in California, Colorado, Connecticut, Florida, Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, and Wyoming.
© 1996 AIA, CCS, ARCHITECT

WARNING
THIS PLAN IS THE PROPERTY OF BJ SERVICES COMPANY. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF BJ SERVICES COMPANY.

Jul 19, 1996 ** 15:57:36 ** C:\BJ-9616\DWG\9616A020



1 FOUNDATION PLAN
A-2 SCALE 1/4" = 1'-0"



WARNING
THIS DRAWING IS THE PROPERTY OF DORLAND CAROL SHELTON AIA CCS, ARCHITECT. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. ANY REUSE OR MODIFICATION OF THIS DRAWING WITHOUT THE WRITTEN PERMISSION OF DORLAND CAROL SHELTON AIA CCS, ARCHITECT IS STRICTLY PROHIBITED.

DORLAND CAROL SHELTON AIA CCS, ARCHITECT
ARCHITECTURE
SUIT 600 OFFICE BUILDING 1000 N. GARDEN ST. SUITE 600
HOUSTON, TEXAS 77002
PHONE 713.861.1111
FAX 713.861.1112
WWW.DCSAIA.COM



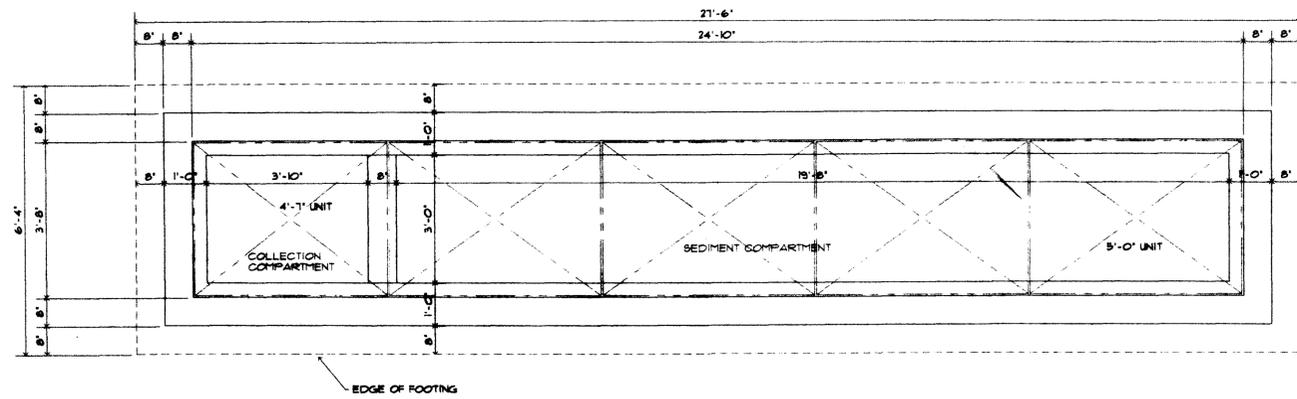
**FOUNDATION AND SUMP FOR
TRUCK WASH FACILITIES
HOBBS, NEW MEXICO DISTRICT FACILITY**

BJ
BJ Services Company, U.S.A.
11211 FM 2920
Tomball, Tx 77375

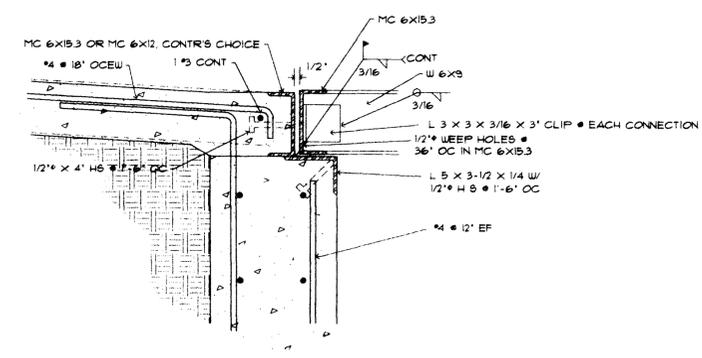
PROJECT NO. BJ-9616
DWG NO. 9616A020
DATE 18 JULY 1996
REVISIONS
DRAWN BY DCS

SCALE 1/4" = 1'-0" LIND
SHEET NO. **A-2.0**

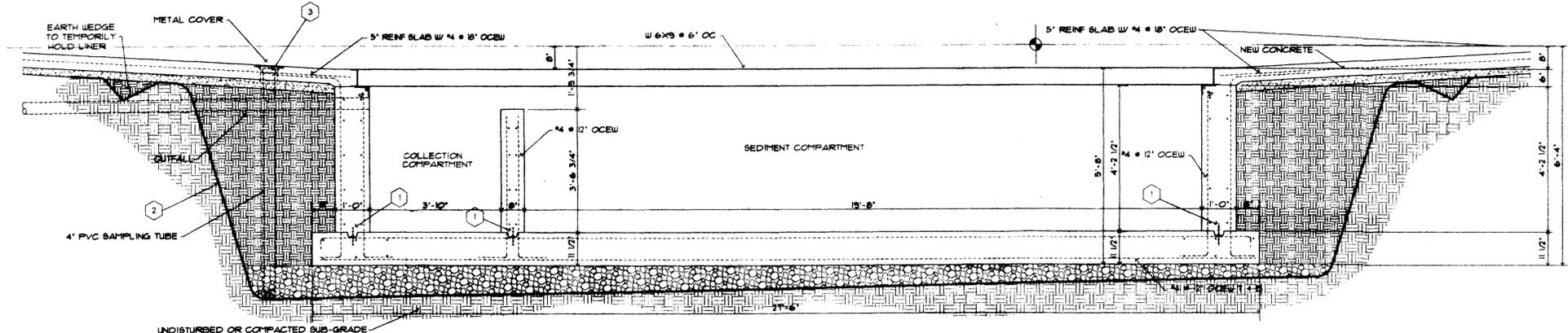
- KEY NOTES**
- 1 WATERSTOP
 - 2 40 MIL LINER
 - 3 4" PVC TUBE SAMPLER W/ SCREW ON CAP
 - 4 1/2" X 4" H8 @ 16" OC



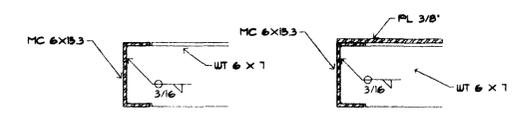
1 **DETAIL PLAN OF SAND TRAP**
A-3 SCALE 1/2" = 1'-0"



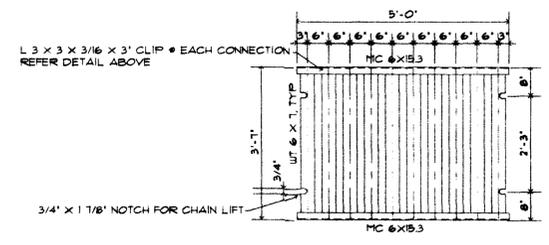
5 **DETAIL**
A-3 SCALE 1/2" = 1'-0"



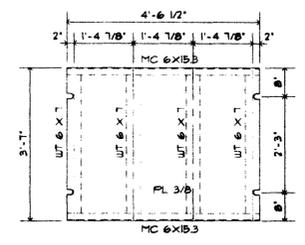
2 **LONGITUDINAL SECTION THRU SAND TRAP**
A-3 SCALE 1/2" = 1'-0"



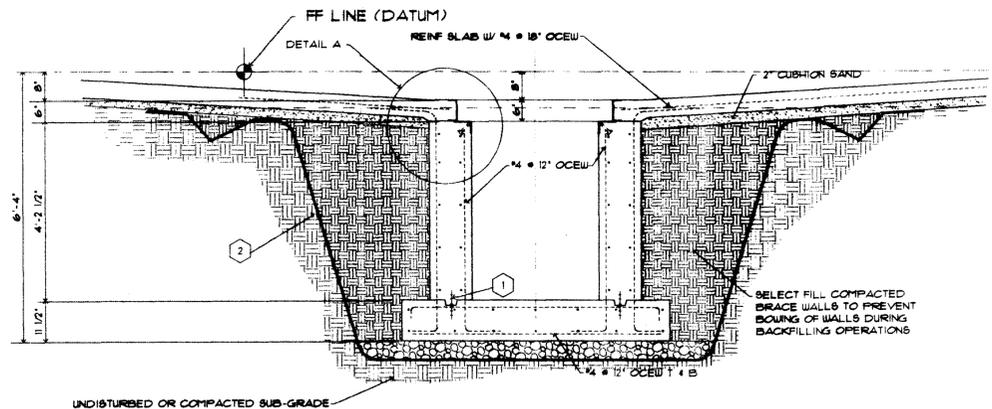
8 **DETAIL OF CONNECTION OF GRATES AND COVERS**
A-5 SCALE 1/2" = 1'-0"



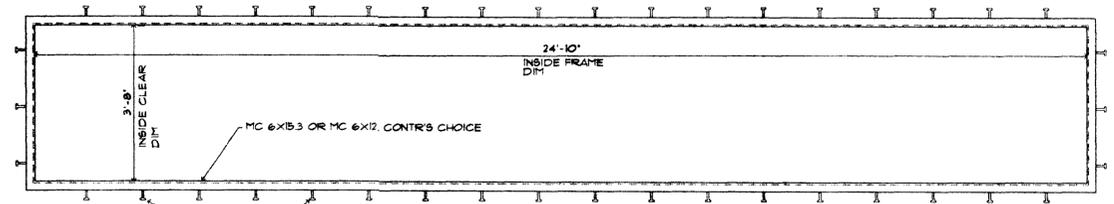
6 **DETAIL OF GRATES (4 REQD)**
A-3 SCALE 1/2" = 1'-0"



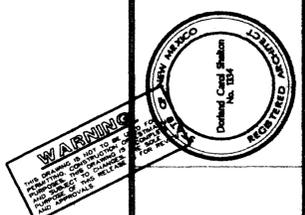
7 **DETAIL OF COLLECTION COVER**
A-3 SCALE 1/2" = 1'-0"



3 **TRANSVERSE SECTION THRU SAND TRAP**
A-3 SCALE 1/2" = 1'-0"



4 **DETAIL OF GRATE AND COVER FRAMES**
A-3 SCALE 1/2" = 1'-0"



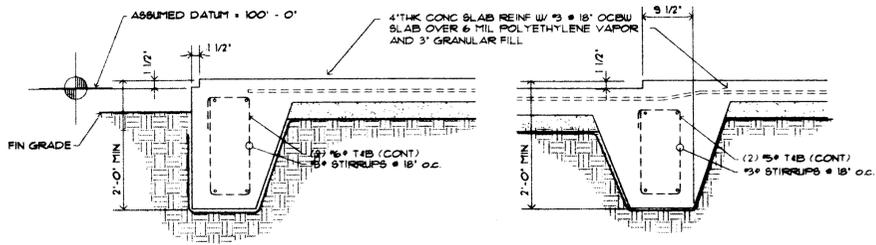
**FOUNDATION AND SUMP FOR
TRUCK WASH FACILITIES
HOBBS, NEW MEXICO DISTRICT FACILITY**

BJ
BJ Services Company, U.S.A.
11211 FM 25975
Tomball, Tx 77375

PROJECT NO. BJ-9616
DWG NO. 9616A030
DATE 18 JULY 1996
REVISIONS
DRAWN BY DCS
SCALE 1/2" = 1'-0" UNO

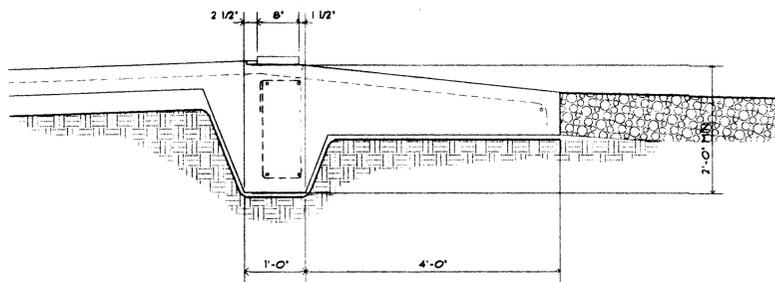
SHEET NO.
A-3.0

JUL 19, 1996 10:33:01 C:\BJ-9616\DD\9616A030

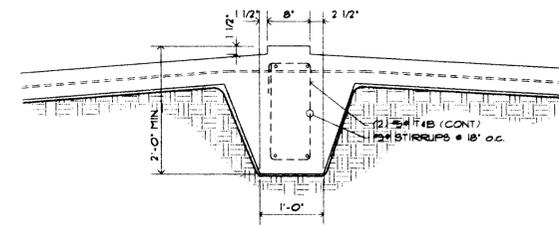


1 SECTION
A-4 SCALE 3/4" = 1'-0"

2 SECTION
A-4 SCALE 3/4" = 1'-0"



3 SECTION
A-4 SCALE 3/4" = 1'-0"



4 SECTION
A-4 SCALE 3/4" = 1'-0"

FOUNDATION DETAILS

CONCRETE NOTES

1. ALL CONCRETE WORK SHALL CONFORM TO ACI 318-89.
2. ALL STRUCTURAL CONCRETE SHALL BE NORMAL WEIGHT CONCRETE (AIR-ENTRAINED) AND OF 3500 PSI COMPRESSIVE STRENGTH AT 28 DAYS.
3. REINFORCING BARS SHALL BE GRADE 60 AND CONFORM TO ASTM A615.
4. ALL REINFORCING BARS SHALL BE DETAILED IN ACCORDANCE WITH ACI DETAILING MANUAL - 1988.
5. LAP ALL REINFORCING BARS 30 DIAMETERS UNLESS NOTED OTHERWISE.
6. NO REINFORCING BARS SHALL BE WELDED OR BENT IN THE FIELD UNLESS SPECIFICALLY NOTED.
7. ALL CONCRETE FLATWORK SHALL BE CURED PROPERLY TO PREVENT SHRINKAGE CRACKS.

FOUNDATION NOTES

1. THE FOUNDATIONS ARE DESIGNED BASED ON RECOMMENDATIONS CONTAINED IN A SUBSURFACE INVESTIGATION REPORT, SUBMITTED BY PENDING.
2. THE ALLOWABLE BEARING PRESSURE FOR FOOTING DESIGN SHALL BE PSF AT 1 FOOT DEPTH BELOW THE EXISTING GRADE.
3. SLAB ON GRADE SHALL BE PLACED OVER 3" SAND CUSHION AND SELECT FILL. SELECT FILL SHALL BE COMPACTED TO A MINIMUM OF 95% DENSITY (AW ASTM D-698). THE MATERIAL USED FOR SELECT FILL SHALL BE SANDY CLAY OR CLAYEY SAND WITH A LIQUID LIMIT OF LESS THAN 30 AND A PLASTICITY INDEX BETWEEN 4 AND 12.
4. THE EXTERIOR FACE OF PERIMETER GRADE BEAMS SHALL BE FORMED WITH FULL-DEPTH PLYWOOD FORMS. THE INTERIOR FACE MAY BE FORMED WITH EARTH.

JUL 19, 1996 15:47:44 C:\BJ-96\16\DD\9616040

DORLAND CAROL SHELTON AIA CCS, ARCHITECT
 111211 PM 2920
 TOMBALL, TX 77375
 (281) 291-1111
 (281) 291-1112
 (281) 291-1113
 (281) 291-1114
 (281) 291-1115
 (281) 291-1116
 (281) 291-1117
 (281) 291-1118
 (281) 291-1119
 (281) 291-1120
 (281) 291-1121
 (281) 291-1122
 (281) 291-1123
 (281) 291-1124
 (281) 291-1125
 (281) 291-1126
 (281) 291-1127
 (281) 291-1128
 (281) 291-1129
 (281) 291-1130



WARNING
 THIS DOCUMENT IS THE PROPERTY OF BJ SERVICES COMPANY. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF BJ SERVICES COMPANY.

**FOUNDATION AND SUMP FOR
 TRUCK WASH FACILITIES
 HOBBS, NEW MEXICO DISTRICT FACILITY**

BJ
 BJ Services Company, U.S.A.
 11211 PM 2920
 Tomball, Tx 77375

PROJECT NO. BJ-9616
 DWG NO. 9616A040
 DATE 16 JULY 1996
 REVISIONS
 DRAWN BY DCS

SCALE 3/4" = 1'-0" UNO
 SHEET NO.

A-4.0

NOTICE OF PUBLICATION

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

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan renewal application has been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

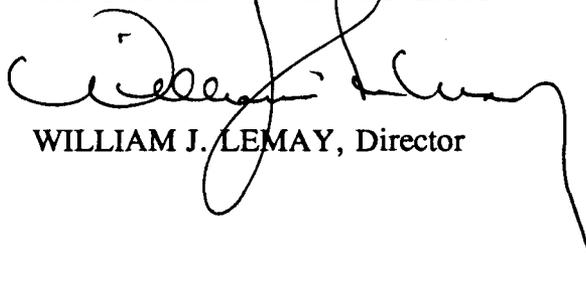
(GW-72) - BJ Services Company, Jo Ann Cobb, (713) 363-7528, 5500 Northwest Central Drive, Houston, Texas, 77092 has submitted an application for renewal of its previously approved discharge plan for the Hobbs Facility located in the NE/4 of Section 20, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico. Approximately 3,000 gallons per day of wastewater with a total dissolved solids concentration of approximately 4,000 mg/l will be stored in below grade fiberglass tanks prior to disposal in an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 55 feet with a total dissolved solids concentration of approximately 300 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the Director will approve or disapprove the proposed plan based on the information in the discharge plan application and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 11th day of June 1996.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY, Director

SEAL

Mark Ashley

From: Wayne Price
Sent: Thursday, May 02, 1996 11:17 AM
To: Mark Ashley
Cc: Jerry Sexton
Subject: BJ (Old Western) GW-072
Importance: High

Brad Brooks of BJ called and requested a meeting with me and his Engineering consultant, a Mr. Mike Gillespie.

BJ had plans on constructing a new wash bay facility in conjunction with a new waste water recycling and treatment system. They are going to deviate from their original plans somewhat by installing a new effluent sewer line from their facility to the nearest city of Hobbs POTW line.

This line will take all of BJ's treated waste water including sewer grey water, all of which is acceptable by the city of Hobbs pretreatment standards. This line will be approximately 1/2 mi. long and will belong to BJ. It will be a 4" pressurized line.

Their new system will include a new truck wash bay with collection sump, new sub-surface waste water treatment system complete with secondary containment and leak detection.

The old truck maintenance shop/washing station underground line going to the old underground gravity separation tanks will be removed or plugged. These existing sumps will be coated and a new underground line will be installed to carry this miscellaneous waste water to the new waste water treatment system. This line will either be installed inside of another line for leak detection or be valved where it can be pressure tested.

The old underground tanks will be removed from the ground and closed properly.

The lab system and old underground septic tank &/ leech field will be discontinued, this water will also go to the new sewer line.

BJ's consultant requested recommendations from the NMOCD so they may incorporate these into their design.

The following recommendations were made.

1. Since BJ is going to be the owner of the new effluent discharge line they should design the system where they can perform a pressure test on the line.
2. All new underground tank, sump etc. systems should have secondary containment and leak detection.
3. All existing sumps should be up-graded to prevent leaks, and arranged to have integrity test performed on them.
4. All underground lines should be set-up to incorporate mechanical pressure testing.
5. Waste determinations should be made on non-exempt waste that is generated from the new waste water systems, i.e. solids, oils, etc.
6. If any other service companies tie into new line NMOCD shall be notified.
7. BJ should contact our NMOCD Santa Fe office to received their input on this new system as to how it will effect the existing Discharge Plan and to answer any hypothetical questions concerning secondary containment devices.

Agreements/Conclusions:

Once BJ has their conceptual design finalized they will submit plans to NMOCD Santa Fe office attention: Mr. Mark Ashley (their DP permit writer) and copy the NMOCD district I office.

Additional comments not discussed in meeting:

After reviewing the BJ DP file it appears their Discharge Plan is up for renewal this year on October 2, of 1996. However, in order to remain in compliance and gain more flexibility in the permitting process, if BJ submits an application by June 2, 1996 then the existing approved discharge Plan shall not expire until the application for renewal has been approved or disapproved.

Therefore BJ might want to consider including this new modification as part of their new plan due in October, 1996. Please check with Mark Ashley on how to handle this.

Other unrelated Business:

Inspected area of recent acid spill. All cleaned up, looks excellent, BJ ran PH test per Brad Brooks. Sent spill report copy to Ashley and placed in BJ file.

Attachments:-2 letters from file requested by Brad Brooks BJ Letter dated 4/12/96 & 1/18/96.

cc: Brad Brooks-BJ SER.



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

Z 765 962 945

April 25, 1996

CERTIFIED MAIL
RETURN RECEIPT NO. Z-765-962-945

Mr. David H. Burkett
BJ Services
11211 W. FM 2920
Tomball, Texas 77375

RE: Disposal of Solid Waste
BJ Services
Farmington, Artesia, and Hobbs, New Mexico Facilities

Dear Mr. Burkett:

The New Mexico Oil Conservation Division (OCD) has reviewed BJ Service's (BJ) request dated April 15, 1996 for out of state disposal of solid wastes located at the Farmington, Artesia, and Hobbs, New Mexico Facilities. The requested sites for disposal are: Ashland Chemical Company, CSC Disposal & Landfill, Inc., Eco-logical Environmental Services, Inc., Eltex Chemical Environmental Services, Heritage Environmental Services, Pollution Control, Inc., Rinco Chemical Industries, and Universal Environmental Technology Corporation. Based on the information provided, your disposal request is approved.

Please be advised that OCD approval does not relieve BJ of responsibility for compliance with any other federal, state or local laws and/or regulations.

If you have any questions, please feel free to call me at (505) 827-7155.

Sincerely,

Mark Ashley
Mark Ashley
Geologist

xc: OCD Hobbs Office



**Receipt for
Certified Mail**

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

PS Form 3800, March 1993

Sent to	
Street and No.	
P. O., State and ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

OIL CONSERVATION DIVISION

2040 Pacheco Street
Santa Fe, New Mexico 87502

APR 23 1996

State of New Mexico
Energy and Minerals Department

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

CONSERVATION DIVISION

Name of Operator BJ Services Company, U.S.A				Address 2708 West County Rd Hobbs, NM 88240			
Report of	Fire	Break	Spill <input checked="" type="checkbox"/>	Leak	Blowout	Other*	
Type of Facility	Drig Well	Prod Well	Tank Btty	Pipe Line	Gaso Pnt	Oil Rfy	Other* Oil Field Service
Name of Facility BJ Services Company, U.S.A							
Location of Facility (Quarter/Quarter Section or Footage Description)				Sec. 20	Twp. 18	Rge. 38 Est	County Lea
Distance and Direction From Nearest Town or Prominent Landmark Hobbs,							
Date and Hour of Occurrence 4-11-96 8:30 PM				Date and Hour of Discovery 4-11-96 8:30 PM			
Was Immediate Notice Given?	Yes <input checked="" type="checkbox"/>	No	Not Required	If Yes, To Whom NMED			
By Whom Jo Ann Cobb				Date and Hour 4-11-96 ~ 10:00 PM (Texas)			
Type of Fluid Lost 28% inhibited hydrochloric acid				Quantity of Loss 8 barrels	BO	Volume Recovered 0	BO BW
Did Any Fluids Reach a Watercourse?		Yes	No <input checked="" type="checkbox"/>	Quantity			
If Yes, Describe Fully**							
Describe Cause of Problem and Remedial Action Taken** Manifold on transport gave way. Fluid was transferred to another transport. Spill was contained with booms and neutralized with soda ash.							
Describe Area Affected and Cleanup Action Taken** Area was on truckline. Spill was neutralized and left in place							
Description of Area	Farming	Grazing	Urban	Other* Industrial			
Surface Conditions	Sandy <input checked="" type="checkbox"/>	Sandy Loam	Clay	Rocky	Wet	Dry <input checked="" type="checkbox"/>	Snow
Describe General Conditions Prevailing (Temperature, Precipitation, Etc.)** Dry, Clear weather +80° F							
I Hereby Certify That the Information Above Is True and Complete to the Best of My Knowledge and Belief							
Signed Jo Ann Cobb		Title Mgr. Env. Services		Date 4-17-96			

*Specify

**Attach Additional Sheets if Necessary



OIL CONSERVATION DIVISION
RECEIVED
1996 APR 22 10 08 52

April 15, 1996

Mark Ashley
New Mexico Energy, Minerals & Natural Resources Department
Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505-6429

RE: Disposal of Solid Waste

Dear Mr. Ashley:

BJ Services Company U.S.A. would like approval to dispose of solid waste from our five New Mexico facilities, to various out of state disposal facilities. I am informing you of the BJ Services facilities and the major Treatment, Storage, and Disposal Facilities receiving the solid waste, as we discussed on April 3, 1996. The BJ Services facilities are listed below.

BJ Services, Farmington
3250 Southside River Road
Farmington, NM 87401
EPA ID#NMD000804419

BJ Services, Farmington
3220 East Bloomfield Hwy.
Farmington, NM 87401
EPA ID#NMD986676435

BJ Services, Artesia
2401 Sivley
Artesia, NM 88210
EPA ID# NMD000711515

BJ Services, Hobbs
2708 West County Rd.
Hobbs, NM 88240
EPA ID# NMD052377637



BJ Services, Hobbs
2901 Lovington Hwy.
Hobbs NM 88240
NMD360010375

We use two companies to assist us with the sampling, profiling, disposal, and transportation of the waste. The companies are Ashland Chemical Company and Eco-logical Environmental Services Inc.; their information is below. Depending on the analytical data and other factors, the waste will be disposed of at one of the facilities listed below.

Ashland Chemical Company (214) 271-6472
3101 Wood Drive
Garland, TX. 75041
TXD980745095

Eco-logical Environmental Services Inc. (915) 520-7535
2200 Market
Midland, TX 79703
TXR000003137

Eltex Chemical Environmental Services (713) 674-2406
4050 Homestead Rd.
Houston, TX 77028
TXD074196338

Universal Environmental Technology Corporation (214) 404-8382
5343 Spring Valley Rd.
Dallas, TX 75240
State ID# 81112

Heritage Environmental Services (816) 453-4321
8525 N.E. 38th Street
Kansas City, MO. 64151
MOD981505555

Rineco Chemical Industries (501) 778-9089
1007 Vulcan Road - Haskell
Benton, AR 72015
ARD981057870



Pollution Control Inc. (219) 397-3951
4343 Kennedy Ave.
East Chicago, IN 46312
IND000646943

CSC Disposal & Landfill, Inc.
200 Powell
Avalon, TX 76623
TXD000836585

If you have any questions, please contact me at (713) 362-4421.

Sincerely,

David H. Burkett
Environmental Specialist

cc: JoAnn Cobb



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

April 12, 1996

CERTIFIED MAIL
RETURN RECEIPT NO. Z-765-962-943

Ms. Jo Ann Cobb
BJ Services
11211 W. FM 2920
Tomball, Texas 77375

**RE: Discharge Plan GW-072 Renewal
Hobbs Facility
Lea County, New Mexico**

Dear Ms. Cobb:

On October 2, 1991, the groundwater discharge plan, GW-072, for the BJ Services (BJ) Hobbs Facility located in the NE/4, Section 20, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico, was approved by the Director of the New Mexico Oil Conservation Division (OCD). This discharge plan was required and submitted pursuant to Water Quality Control Commission (WQCC) regulations and was approved for a period of five years. The approval will expire on October 2, 1996.

If the facility continues to have potential or actual effluent or leachate discharges and wishes to continue operation, the discharge plan must be renewed. **Pursuant to Section 3106.F., if an application for renewal is submitted at least 120 days before the discharge plan expires (on or before June 2, 1996), then the existing approved discharge plan for the same activity shall not expire until the application for renewal has been approved or disapproved.** The OCD is reviewing discharge plan submittals and renewals carefully and the review time can extend for several weeks to months. Please indicate whether BJ has made, or intends to make, any changes in the system, and if so, please include these modifications in the application for renewal.

Mr. Jo Ann Cobb
April 12, 1996
Page 2

The discharge plan renewal application for the **Hobbs Facility** is subject to WQCC Regulation 3114. Every billable facility submitting a discharge plan for renewal will be assessed a fee equal to the filing fee of \$50 plus a flat fee of \$690.00 for oil field service companies.

The \$50 filing fee is to be submitted with the discharge plan renewal application and is nonrefundable. The flat fee for an approved discharge plan renewal may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the discharge plan - with the first payment due the at the time of approval. Please make all checks payable to: **NMED-Water Quality Management** and addressed to the OCD Santa Fe Office.

Please submit the original discharge plan renewal application and one copy to the OCD Santa Fe Office and one copy to the OCD Hobbs District Office. **Note that the completed and signed application form must be submitted with your discharge plan renewal request.**

If BJ no longer has any actual or potential discharges and a discharge plan is not needed, please notify this office. If BJ has any questions, please do not hesitate to contact Mark Ashley at (505) 827-7155.

Sincerely,



Roger C. Anderson
Environmental Bureau Chief

RCA/mwa

xc: OCD Hobbs Office

Z 765 962 943



**Receipt for
Certified Mail**

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to	
Street and No.	
P.O., State and ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, March 1993



OIL CONSERVATION DIVISION
RECEIVED
106 MAR 4 PM 8 52

Jo Ann Cobb, REM
Manager, Environmental Services
713-363-7528 FAX 713-363-7595

February 26, 1996

Roger C. Anderson
Environmental Bureau Chief
State of New Mexico
Energy, Minerals, and Natural Resources Department
Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87505

Re: Discharge Plan GW-72 Modification

Dear Mr. Anderson,

Please find enclosed a signed acceptance of the discharge plan modification requirements and a check in the amount of \$50.00 for the filing fee.

Thank you for your assistance during the modification review.

Sincerely,

Jo Ann Cobb
Manager, Environmental Services

JAC/cab

ATTACHMENT TO THE DISCHARGE PLAN GW-72 MODIFICATION APPROVAL
BJ SERVICES COMPANY, U.S.A.
HOBBS FACILITY
DISCHARGE PLAN MODIFICATION REQUIREMENTS
(January 18, 1996)

1. Drum Storage: All full or partially used drums must be stored on an impermeable pad (i.e. concrete, asphalt, or other suitable containment) with curbing. All empty drums should be stored on their sides with the bungs lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets should also be stored on an impermeable pad with curbing.
2. Process Areas: All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device (i.e. drip pan) incorporated into the design.
3. Above Ground Tanks: All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. Tanks must be placed on a impermeable pad.
4. Above Ground Saddle Tanks: Above ground saddle tanks must have impermeable type pad and curb containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure. No berms are required for saddle tanks.
5. Tank Labeling: All tanks should be clearly labeled to identify their contents and other emergency information necessary if the tank were to rupture, spill, or ignite.
6. Below Grade Tanks/Sumps: All below grade tanks, sumps, and pits must be approved by the OCD prior to installation and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks must demonstrate integrity on an annual basis. Integrity tests include pressure testing and visual inspection of cleaned out tanks /or sumps.
7. Housekeeping: All systems designed for spill collection/prevention should be inspected frequently to ensure proper operation and to prevent overtopping or system failure.
8. Spill Reporting: All spills/releases shall be reported pursuant to OCD Rule 116 and WQCC 1203 to the appropriate OCD District Office.

9. Conditions accepted by:

J Ann Cobb
Company Representative
Mgr. Env. Services
Title

2-23-96
Date



OIL CONSERVATION DIVISION
RECEIVED

FEB 26 1996 11 08 52

Jo Ann Cobb, REM
Manager, Environmental Services
713-363-7528 FAX 713-363-7595

February 26, 1996

Roger C. Anderson
Environmental Bureau Chief
State of New Mexico
Energy, Minerals, and Natural Resources Department
Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87505

Re: Discharge Plan GW-72 Modification

Dear Mr. Anderson,

Please find enclosed a signed acceptance of the discharge plan modification requirements and a check in the amount of \$50.00 for the filing fee.

Thank you for your assistance during the modification review.

Sincerely,

Jo Ann Cobb
Manager, Environmental Services

JAC/cab

Wayne Price

RECEIVED
DIVISION
100 FEB 23 11 8 52

From: Wayne Price
To: Mark Ashley
Cc: Jerry Sexton
Subject: B J Ser. (Old Western yard) Waste disposal
Date: Friday, February 23, 1996 10:20AM

Dear Mark,

B J's waste disposal consultant (Eco-Logical Envir. Ser. Inc.-Mr. Brian Ashburn) has notified our office that B J has shipped waste from the Hobbs yard off-site. They have faxed me the Manifest. I will send this info for your Discharge Plan files.

Thanks!

cc: Brian Ashburn - FAX 915-520-7737 2/23/96 CJ
TELEX 1-800-375-0100

Eco-logical Environmental Services, Inc.
2200 Market Street
Midland, Texas 79703
(915) 520-7535

FAX

Date Sent: 2-22-96	Time Sent: AM	# Pages: 3	Sent By: BRIAN ASHBURN	Deliver To: WYDE PACE
-----------------------	------------------	---------------	---------------------------	--------------------------

Important/Confidential: This message is intended only for the use of the individual or entity to which it is addressed. This Message contains information from Eco-logical Environmental Services, Inc., which may be privileged, confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately at our telephone number set forth above. We will be happy to arrange for the return of this message via the U.S. Postal Service to us at no cost to you.

Message:

Here Are The Manifest For
B.J. Services / Hobbs, N.M.

Thank You,

[Signature]

Fax Number: 505-393-0720	Client Number:	Project Number:
-----------------------------	----------------	-----------------

For confirmation or to notify of transmission errors, please call (915) 520-7535 or Fax (915) 520 7737

EMERGENCY CONTACT TELEPHONE NUMBER

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator's US EPA ID No.

Manifest Document No

22. Page

Information in the shaded area is not required by Federal law

N M D 0 5 2 3 7 7 6 3 7

963418

2 of 2

23. Generator's Name

BJ SERVICES
2708 W. County Road
Hobbs, NM 88240 (505)392-5551

L. State Hazardous Waste Number

M. State

24. Transporter 1

Company Name

25. US EPA ID Number

Eco-logical Environmental

T X R 0 0 0 0 3 1 3 7

N. State Hazardous Waste Number 83166

O. Transfer Agent 15-520-7535

26. Transporter 2

Company Name

27. US EPA ID Number

P. State

Q. Transfer Agent

28. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

29. Containers

30. Total Quantity

31. Unit Wt/Vol

R. Waste No.

a. Non Regulated Waste Liquid (Crosslinker)

5 DM 230 G

OUTS1191

b. WASTE COMBUSTIBLE LIQUID, N.O.S., COMBUSTIBLE LIQUID NA 1993, PG III

3 DM 165 G

OUTS2191

GENERATOR

32. Special Handling Instructions and Additional Information

33. Transporter Acknowledgement of Receipt of Materials

Printed/Typed Name
BRIAN ASHBORN

Signature

Date
Month Date Year
02 20 96

33. Transporter Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date
Month Date Year

35. Discrepancy Indication Space

TRANSPORTER FACILITY

ORIGINAL - RETURN TO GENERATOR

TEXAS NATURAL RESOURCE
CONSERVATION COMMISSION

P.O. Box 13087

Austin, Texas 78711-3087



Please print or type (Form designed for use on elite (12-pitch) typewriter.)

Form approved OMB No. 2050-0041 Expires 01/30/97

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NMD052377637		Manifest No. 963418		2. Page 1 of 2		Information in the shaded areas is not required by Federal law.			
3. Generator's Name and Mailing Address B J SERVICES 2708 W. County Road Hobbs, NM 88240						A. State Manifest Document Number 00963418					
4. Generator's Phone () 800-530-4485						B. State Generator's ID 99935					
5. Transporter 1 Company Name Eco-logical Environmental				6. US EPA ID Number TXR000003137		C. State Transporter's ID 83166				D. Transporter's Phone 915-520-7535	
7. Transporter 2 Company Name				8. US EPA ID Number		E. State Transporter's ID				F. Transporter's Phone	
9. Designated Facility Name and Site Address Eltex Chemical 4050 Homestead Road Houston, TX 77028						10. US EPA ID Number TXD074196338		G. State Facility's ID 30271			
						H. Facility's Phone 713-674-2406					
11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)			12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.			
X	a. RQ, Waste Flammable Liquids, n.o.s., Class 3 UN1993, PG III (D001)			3	DM	165	G	OUTS211H			
X	b. RQ, Waste Flammable Liquids, n.o.s., Class 3 UN1993, PG III (D001)			1	DM	55	G	OUTS219H			
X	c. RQ, Waste Corrosive Solids, n.o.s., Class 8 UN1759, PG III (D002) (HC1)			1	DM	55	G	OUTS310H			
	d. Non Regulated Waste Solid (Gelling agent)			1	DM	55	G	OUTS3191			
15. Special Handling Instructions and Additional Information 24 Hour Emergency #: CHEMTREC 1-800-424-9300						K. Handling Codes for Wastes Listed Above					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.											
Printed/Typed Name BRAD BROOKS						Signature <i>Br Brooks</i>			Month Day Year 02/20/96		
17. Transporter 1 Acknowledgement of Receipt of Materials											
Printed/Typed Name J. SWAN ASHBURN						Signature <i>J. Swan</i>			Month Day Year 02/20/96		
18. Transporter 2 Acknowledgement of Receipt of Materials											
Printed/Typed Name						Signature			Month Day Year		
19. Discrepancy Indication Space											
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.											
Printed/Typed Name						Signature			Date Month Day Year		



January 23, 1996

State of New Mexico
Oil Conservation Division
Department of Energy, Minerals & Natural Resources
2040 South Pacheco
Santa Fe, NM 87505

Attention: Mark Ashley

RE: BJ Services Company - Hobbs, New Mexico Facility Additions
2708 West County Road

Dear Mark:

The letter dated December 18, 1995 that you received from Michael McLain concerning the referenced facility did not include the replacement of the acid storage tank. The old storage tank will be removed along with the steel supports and a new tank and supports installed at the same location. The tank will be in the original containment area and a new fume scrubber will be installed also. An application for a new air permit is being prepared at this time.

If I can supply you with further information, please let me know.

Sincerely,

Jo Ann Cobb, REM
Manager, Environmental Services

c: C.L. Smith
Clint Chamberlain
Mike McLain

Oil Conservation Division
Environmental Bureau
JAN 29 1996
RECEIVED



RECEIVED
ENVIRONMENTAL SERVICES DIVISION
JAN 7 1996 8 52

Jo Ann Cobb, REM
Manager, Environmental Services
Tel. 713/363-7528
Fax 713/363-7595

January 5, 1996

Mr. William J. LeMay
OCD Environmental Bureau
2040 S. Pacheco
Santa Fe, New Mexico 87505

Dear Mr. LeMay:

BJ Services Company, U.S.A. purchased The Western Company of North America and associated facilities and assets. BJ Services is aware that Discharge Plans exist for the Hobbs (GW-72) and Farmington (GW-97) districts located in New Mexico. The conditions of the discharge plans will be followed.

Please amend the Hobbs Discharge Plan (GW-72) to show that the following facilities will be used for disposal:

Eltex Chemical
4050 Homestead Road
Houston, Texas 77028
EPA ID # TXD074196338
Texas State ID# 39028
Fully Permitted Hazardous Waste Disposal Facility
Phone (713) 674-2406 Contact: Brian Recatto
Fax (713) 672-0733

UETC of Texas, Ltd.
Hwy 14
Thorton, Texas 75240
Texas State ID# 81112
Bioremediation Landfill for Hydrocarbon Contaminated Waste
Phone (214) 404-8382 Contact: Jesse DeAndo
Fax (214) 490-8002

K.T. Disposal Co., Ltd.
Box 952
Perryton, Texas 79070
Texas State ID# WDW-311
Disposal of Class I Non-Hazardous Waste Water, Deep Well Injection
Phone (806) 435-2624 Contact: Kim Thomas
Fax (806) 435-6415

Republic Waste Industries, Inc.
200 Powell
Avalon, Texas 76623
Texas State Permit # TXD000836585
Disposal of Class I Non-Hazardous Solid Waste
Phone (800) 256-9278 Contact: Raymond McGraw
Fax (214) 627-3461

Thank you for your assistance with these matters. If there are any questions, please contact me at (713) 363-7528.

Sincerely,



Jo Ann Cobb

c: Clint Chamberlain, BJ Hobbs
Don King, BJ Farmington



RECEIVED
OIL CONSERVATION DIVISION
DEC 20 1995 8 52

December 18, 1995

Please Reply: 11211 FM 2920
Tomball, TX 77375
(713) 351-8131

State of New Mexico
Oil Conservation Division
Department of Energy, Minerals & Natural Resources
2040 South Pacheco
Santa Fe, New Mexico, 87505

Attention: Mr. Mark Ashley

Re: BJ Services Company - Hobbs, New Mexico Facility Additions

Dear Mr. Ashley:

Enclosed please find a site plan identifying the location of a 60' X 50' x 20' high pre-engineered metal building addition to the existing warehouse (item 4). This structure will house two tanks and associated pumps and piping for mixing Guar with diesel. This area will be curbed to provide secondary containment equal to 110% of the capacity of the blending tanks. A 10'x 25' concrete pad with retaining walls will be constructed adjacent to the new structure for the diesel storage tank. A "Floor Plan" of the building and diesel storage area is also enclosed for your review.

Other items of work are also identified on the Site Plan for your review. Item no. 5 will be a curbed drum storage area for chemicals utilized in treating wells and items no. 1 and 3 are concrete pads for racks and an air compressor. Item no. 2 involves the demolition of an existing concrete drive area.

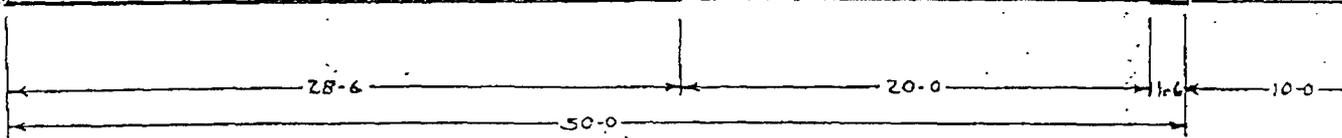
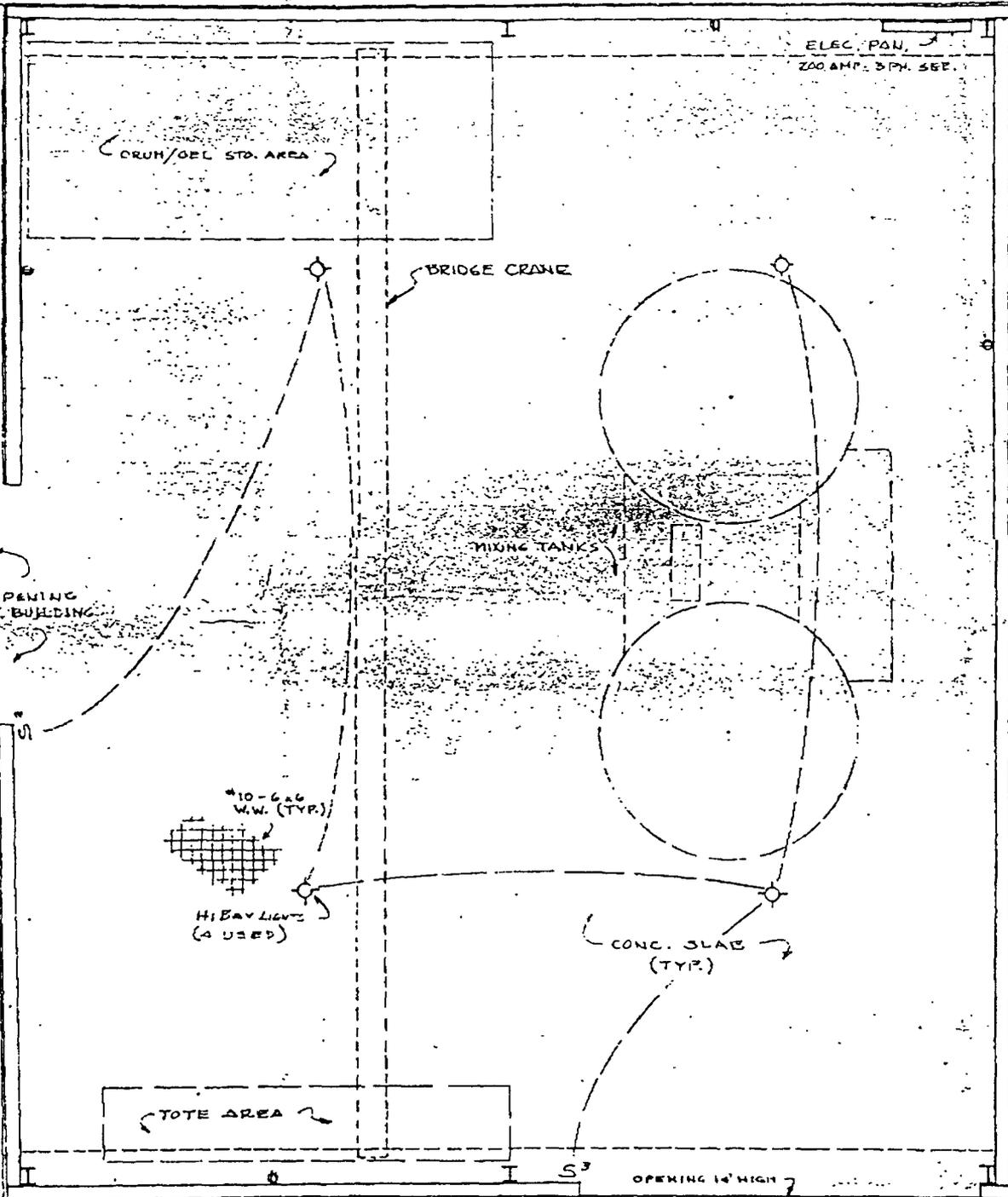
Your approval to proceed with this work is requested. Please let me know if you have any questions or if additional information is required.

Sincerely,

Michael M. Mclain
Consultant for BJ Services Company
(713) 351-8131

c: C.L. Smith
Clint Chamberlain

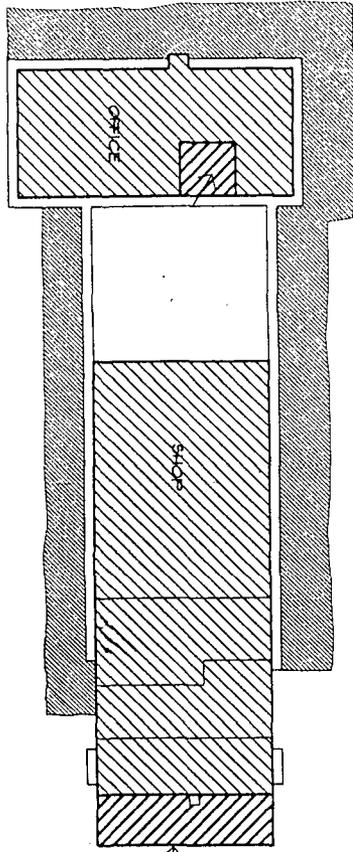




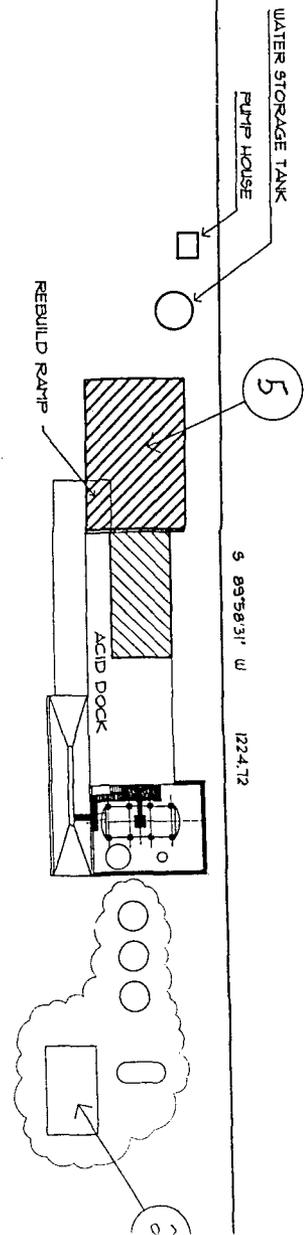
A
FLOOR PLAN
 SCALE: 1/4" = 1'

S 00°03'35" W
4633'

R = 1158.93'



1



5 89°58'31" W 1224.72'

PUBLIC SERV
1280.00' N 89°58'31"

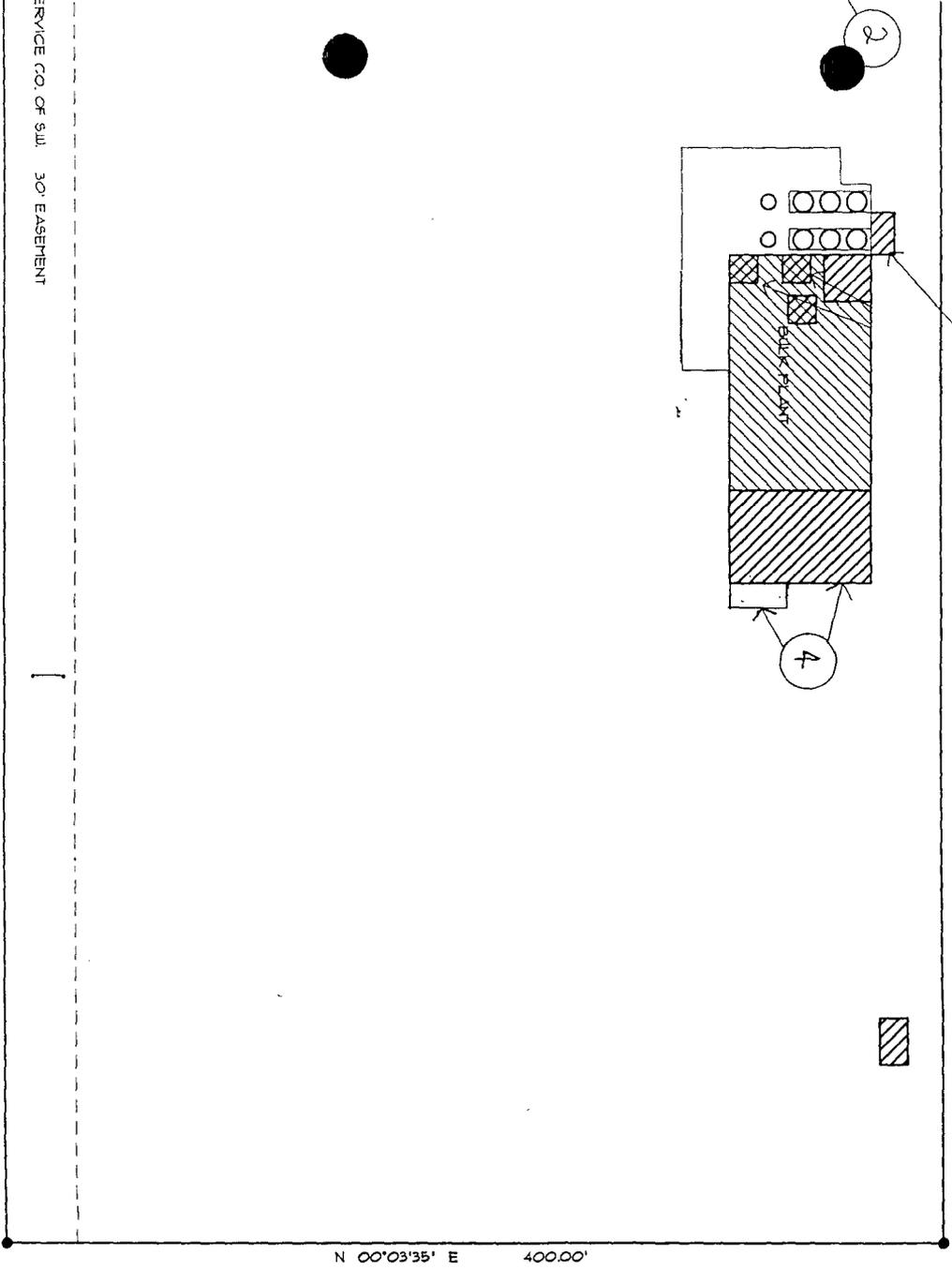
1 HEAD RACK RELOCATED FROM OLD BU YARD
(NEW CONCRETE PAD)

2 STRUCTURES TO BE REMOVED

3 CONCRETE PAD FOR COMPRESSOR

4 LFC PLANT, RELOCATED CRANE FROM OLD BU YARD, AND BUILDING.
(SEE ATTACHED PLAN)

5 NEW CURBED DRUM STORAGE PAD



Roger Anderson

From: Wayne Price
Sent: Tuesday, November 28, 1995 9:40 AM
To: Roger Anderson
Cc: Wayne Price; Jerry Sexton
Subject: BJ Services (Old Western Co.) GW-072
Importance: High

Dear Roger,

Please note that BJ has a new lab that is connected to their existing septic system and leech field. I do not beleive this was addressed in their original discharge plan.

Would you please pass this info on to your environmental staff.

Thanks! Let me know if I can help.

CC: KIM R ANDERSON
 MARK ASHLEY
 BILL OLSON
 JERRY SEXTON

OIL CONSERVATION DIVISION
 RECEIVED
 NEW MEXICO OIL CONSERVATION COMMISSION
 FIELD TRIP REPORT

INSPECTION
 CLASSIFICATION
 FACILITY
 HOURS
 QUARTER
 HOURS

95 NO 20 AM 8 52
 Name WAYNE PRICE Date 11/15/95 Miles _____ District I
 Time of Departure 7 AM Time of Return 4 PM Car No. G 0472

In the space below indicate the purpose of the trip and the duties performed, listing wells or leases visited and any action taken.

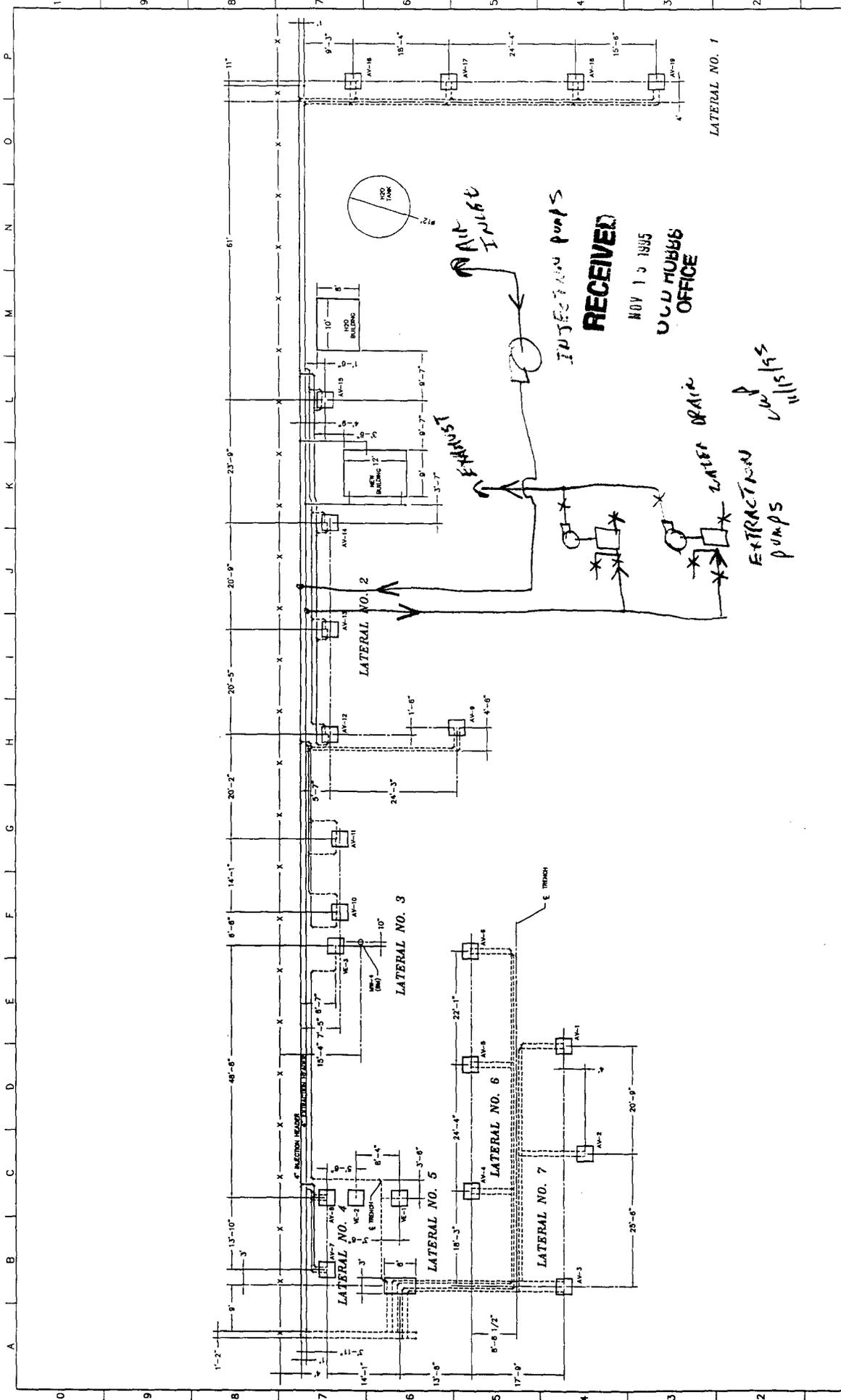
Signature [Signature]

W 0 0 2 0

BJ SERVICES (WESTERN LAB) GW-072
 SITE INSPECTION:
 WITNESS AIR SAMPLING OF SVE SYSTEM DISCHARGE
 WITH MYRA DEHVERT (B+C)
 BAG SAMPLE RESULTS: PID $\mu\text{mol} = 1082/949 \mu\text{mol}$
 PID (B+C) = 579 μmol (CAL ON BENZENE RESPONSE)
 TPH DRAGGER TUBS = 300 μmol $T_a = 65^\circ\text{F}$ $T_{\text{tub}} = 100^\circ\text{F}$
 20-30 CFM INJECTION RATE
 ~ 90 CFM OUT
 BENZENE DRAGGER = 15-20 μmol , $\text{CO}_2 = 1.8\%$, $\text{O}_2 = 19.5\%$
 INSPECTED NEW LAB PER BJ REQUEST;
~~BJ HAS NEW LAB SINK CONNECTED TO SEPTIC SYSTEM WITH LEACH FIELD;~~

<u>Mileage</u>	<u>Per Diem</u>	<u>Hours</u>
UIC _____	UIC _____	UIC _____
RFA _____	RFA _____	RFA _____
Other _____	Other _____	Other _____

- | TYPE INSPECTION PERFORMED | INSPECTION CLASSIFICATION | NATURE OF SPECIFIC WELL OR FACILITY INSPECTED |
|--|---|--|
| <ul style="list-style-type: none"> H = Housekeeping P = Plugging C = Plugging Cleanup T = Well Test R = Repair/Workover F = Waterflow M = Mishap or Spill W = Water Contamination O = Other | <ul style="list-style-type: none"> U = Underground Injection Control - Any inspection of or related to injection project, facility, or well or resulting from injection into any well. (SWD, 2ndry injection and production wells, water flows or pressure tests, surface injection equipment, plugging, etc.) R = Inspections relating to Reclamation Fund Activity O = Other - inspections not related to injection or The Reclamation Fund E = Indicates some form of enforcement action taken in the field (shown immediately below the letter U, R or O) | <ul style="list-style-type: none"> D = Drilling P = Production I = Injection C = Combined prod. inj. operations S = SWD U = Underground Storage G = General Operation F = Facility or location M = Meeting O = Other |



RECEIVED

NOV 13 1985
 U.S. HOBBBS
 OFFICE

INJECTION PUMPS

EXTRACTION PUMPS
 WATER DRAIN

BROWN AND CALDWELL HOUSTON, TEXAS		PROJECT NUMBER 2832-31		
DRAWING NUMBER AS BUILT		SHEET NUMBER 1		
SUBMITTED: _____ DATE: _____ APPROVED: _____ DATE: _____ APPROVED: _____ DATE: _____		FILE NO. 2832-31-31		
DESIGNED: DRL J/L CHECKED: _____ CHECKED: _____		VACUUM, EXTRACTION AND COLLECTION SYSTEM HOBBBS FACILITY HOBBBS, NEW MEXICO		
BROWN AND CALDWELL, U.S.A.		BJ SERVICES COMPANY, U.S.A.		
REVISIONS		REVISIONS		
ZONE	REV.	DESCRIPTION	BY	DATE

MES

(713) 920-2502

Mercury Environmental Services

1604 South Shaver • Pasadena, Texas 77502

November 30, 1995

Ecological Environmental Services, Inc.
2200 Market Street
Midland, Texas 79703

ATTENTION: Mr. Shane Estep

SAMPLE NUMBER: 5110467

SAMPLE I.D.: Truck Wash Sump @ B.J. Services - Hobbs, N.M.
Project #212-488 P.O. #100-10223-B
11-15-95 @ 1130

DATE RECEIVED: November 16, 1995

CERTIFICATE OF ANALYSIS

TCLP VOLATILES	METHOD 1311/8260	RL mg/L	MDL mg/L	RESULTS mg/L	DATE/TIME/ANALYST
Benzene		0.5	0.005	0.070	11-18-95 2105 HDG
Carbon tetrachloride		0.5	0.005	< 0.050	
Chlorobenzene		100.0	0.005	< 0.050	
Chloroform		6.0	0.005	< 0.050	
1,4-Dichlorobenzene		7.5	0.005	< 0.050	
1,2-Dichloroethane		0.5	0.005	< 0.050	
1,1 Dichloroethylene		0.7	0.005	< 0.050	
2-Butanone		200.0	0.050	< 0.050	
Tetrachloroethylene		0.7	0.005	< 0.050	
Trichloroethylene		0.5	0.005	< 0.050	
Vinyl Chloride		0.2	0.01	< 0.100	

TCLP SEMI-VOLATILES	METHOD 1311/8270	RL mg/L	MDL mg/L	RESULTS mg/L	DATE/TIME/ANALYST
o-Cresol		200.0	0.01	< 0.02	11-28-95.1915 HDG
m+p Cresol		200.0	0.01	< 0.02	
2,4-Dinitrotoluene		0.13	0.01	< 0.02	
Hexachlorobenzene		0.13	0.01	< 0.02	
Hexachloro-1,3-butadiene		0.5	0.01	< 0.02	
Hexachloroethane		3.0	0.01	< 0.02	
Nitrobenzene		2.0	0.01	< 0.20	
Pentachlorophenol		100.0	0.05	< 0.02	
Pyridine		5.0	0.01	< 0.02	
2,4,5-Trichlorophenol		400.0	0.01	< 0.02	
2,4,6-Trichlorophenol		2.0	0.01	< 0.02	

5110467
Page 2

CERTIFICATE OF ANALYSIS CONTINUED

TCLP METALS	METHOD	RL	MDL	RESULTS	DATE/TIME/ANALYST
	1311	mg/L	mg/L	mg/L	
Arsenic	6010	5.0	0.05	< 0.05	11-24-95 0900 LAB
Barium	6010	100.0	1.0	2.6	11-24-95 0930 LAB
Cadmium	6010	1.0	0.01	0.05	11-24-95 1000 LAB
Chromium	6010	5.0	0.01	0.11	11-24-95 1030 LAB
Lead	6010	5.0	0.05	< 0.05	11-24-95 1100 LAB
Mercury	7470	0.2	0.005	< 0.005	11-24-95 1130 LAB
Selenium	6010	1.0	0.1	< 0.1	11-24-95 1200 LAB
Silver	6010	5.0	0.01	< 0.01	11-24-95 1230 LAB

IGNITABILITY	METHOD	RESULT	DATE/TIME/ANALYST
	SW 846/1010	F	
Flashpoint		> 150	11-21-95 1100 LAB

CORROSIVITY: pH	METHOD	RESULT	DATE/TIME/ANALYST
	SW 846/9045		
pH		6.2	11-21-95 0830 LAB

REACTIVITY: as HYDROGEN SULFIDE	METHOD	RESULT	DATE/TIME/ANALYST
	7.3.4.2	mg/kg	
Total Available Hydrogen Sulfide		< 0.25	11-22-95 0850 LAB

REACTIVITY: as HYDROGEN CYANIDE	METHOD	RESULT	DATE/TIME/ANALYST
	7.3.3.2	mg/kg	
Total Available Hydrogen Cyanide		< 0.25	11-22-95 0910 LAB

TOTAL PETROLEUM HYDROCARBONS	METHOD	RESULT	DATE/TIME/ANALYST
	3650/418.1	%	
TPH		10.7	11-27-95 1745 DCW

Signature: 
Howard W. Apel II / QAQC Officer

November 30, 1995

5110487

**MERCURY ENVIRONMENTAL SERVICES
QUALITY ASSURANCE REPORT**

ANALYTE	MB mg/L	MS %REC	MSD %REC	RPD	LCS %REC	CCB mg/L	CCV %REC
Arsenic	< 0.05	80.6	109	29.8	81.6	< 0.05	110
Barium	< 0.01	82.9	87.3	4.7	104	< 0.01	100
Cadmium	< 0.01	87.2	86.9	0.4	97.4	< 0.01	96
Chromium	< 0.01	88.6	95.1	1.6	89.1	< 0.01	95
Lead	< 0.05	82.6	70.8	7.0	85.5	< 0.05	103
Mercury	< 0.005	84.5	91.7	8.2	91.7	< 0.005	98.5
Selenium	< 0.1	104	112	2.7	117	< 0.1	98.2
Silver	< 0.01	97.0	98.1	1.0	105	< 0.01	96.8

SURROGATE SPIKE RECOVERY FOR VOLATILES**% REC**

Dibromofluoromethane	103.5
Toluene-d8	92.0
4-Bromofluorobenzene	103.9

SURROGATE SPIKE RECOVERY FOR SEMIVOLATILES**% REC**

2-Fluorophenol	36.5
Nitrobenzene-d5	104.0
2-Fluorobiphenyl	101.0
2,4,6-Tribromophenol	113.0
p-Terphenyl-d14	107.0
Phenol-d8	67.7

ANALYTE	METHOD	MB mg/L	MS %REC	MSD %REC	RPD	LCS %REC	CCV %REC
TPH	418.1	< 5	93.3	96.6	3.51	98	100

Standards Utilized:

TPH: 5-point calibration utilizing working standards derived from neat solutions of n-hexadecane, isooctane and chlorobenzene.

Key to QA Abbreviations

MS=Matrix Spike
 RPD=Relative Percent Deviation
 LCS=Laboratory Control Standard
 CCB=Continuing Calibration Blank
 MSD=Matrix Spike Duplicate
 MB=Method Blank
 CCV=Continuing Calibration Verification
 %Rec=Percent Recovery

Signature: 
 Howard W. Apel II / QA/QC Officer

November 30, 1995

TRACAFANALYSIS, INC.

6701 Alvarado Avenue Lufkin, Texas 75424 806-794-1296 FAX 806-794-1298

ANALYTICAL RESULTS FOR
ECO-LOGICAL ENVIRONMENTAL
Attention: Shane Estep
2300 Market Street
Midland, TX 79703

Orderer JJ, 1995
Receiving Date: 10/07/95
Sample Type: Sludge
Project No: NA
Project Location: Hobbs, New Mexico
PO# 100-10168-B

Prep Date: 10/09/95
Analysis Date: 10/09/95
Sampling Date: 10/04/95
Sample Conditions: Intact & Cool
Sample Received by: MCD
Project Name: BJ Hobbs

TA#	Field Code	REACTIVITY	SULFIDES (ppm)	CYANIDES (ppm)	CORROSIVITY	PH (s.u.)	IGNITABILITY
T42453	Sludge	Non-reactive	<10.0	<2.5	Non-corrosive	5.7	Nonignitable
QC	Quality Control	---	---	---	---	7.0	---

RPD
% Extraction Accuracy
% Instrument Accuracy

0	0	0	0	0
---	---	---	---	---
---	---	---	---	---
100	---	---	---	---

METHODS: EPA SW 846-2.1.3, 2.1.4, 2.1.1.

Director, Dr. Blair Ieftvich
Director, Dr. Bruce McDonnell

10-13-95

DATE

6701 Aberdeen Avenue
Lubbock, Texas 79474
806-794-1298
FAX 806-794-1298

ANALYTICAL RESULTS FOR
ECO-LOGICAL ENVIRONMENTAL
Attention: Shane Estep
2200 Market Street
Midland, TX 79703

October 11, 1995
Receiving Date: 10/07/95
Sample Type: Sludge
Project No: NA
Project Location: Hobbs, New Mexico
PO# 100-10168-B

Extraction Date: 10/07/95
Analysis Date: 10/10/95
Sampling Date: 10/04/95
Sample Condition: Intact & Cool
Sample Received by: MCD
Project Name: HJ Hobbs

TA#	FIELD CODE	TRPHC (mg/kg)
T42453	Sludge	35,800
QC	Quality Control	101

REPORTING LIMIT 5

RPD 2

% Extraction Accuracy 104

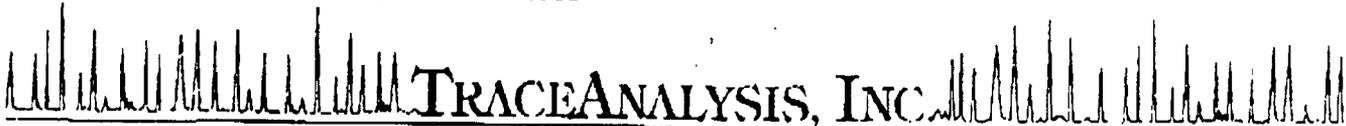
% Instrument Accuracy 101

METHODS: EPA SW 846-3550; EPA 418.1.
TRPHC SPIKE: 125 mg/kg TRPHC.
TRPHC SPIKE: 100 mg/L TRPHC.

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

10-11-95

DATE



TRACEANALYSIS, INC.

A Laboratory for Advanced Environmental Research and Analysis

TRACE ANALYSIS, INC.

6701 Aberdeen Avenue Lubbock, Texas 79424 506-794-1296 FAX 806-794-1298

ANALYTICAL RESULTS FOR ECOLOGICAL ENVIRONMENTAL

Attention: Shane Escep
2200 Market Street
Midland, TX 79703

October 13, 1995
Receiving Date: 10/07/95
Sample Type: Sludge
Project No: NA
Project Location: Hobbs, New Mexico
PO# :00-1015B-E

Extraction Date: 10/12/95
Analysis Date: 10/12/95
Sampling Date: 10/04/95
Sample Condition: Intact & Cool
Sample Received by: MCD
Project Name: B. Hobbe

TCLP METALS (mg/L)

TP#	Field Code	AS	SE	CR	CD	Pb	Ag	BA	Eg
	SPM LIMIT =	5.0	1.0	5.0	1.0	5.0	5.0	100.0	0.20
742453	Sludge	<0.2	<0.2	<0.05	<0.02	<0.1	<0.03	0.4	<0.01
QC	Quality Control	5.4	5.5	5.5	5.3	4.9	1.0	5.2	0.052

Reporting Limits

0.2	0.2	0.05	0.02	0.1	0.01	0.03	0.01
-----	-----	------	------	-----	------	------	------

RPO	1 Extraction Accuracy	2	4	2	6	2	6	2	6
	1 Instrument Accuracy	109	130	103	78	96	92	106	97
		105	110	119	106	98	101	103	103

METHODS: EPA Sa 845-1311, 6310, 7471.
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 0.050 mg/L Hg.
TCLP METALS QC: 5.0 mg/L As, Se, Cr, Cd, Pb, Ba; 1.0 mg/L Ag; 0.050 mg/L Hg.

10-18-95

Director, Dr. Blair Letticher
Director, Dr. Ernie McDowell

Date

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

ANALYTICAL RESULTS FOR
ECO-LOGICAL ENVIRONMENTAL
Attention: Shane Estep
2200 Market Street
Midland, TX 79703

October 13, 1995
Receiving Date: 10/07/95
Sample Type: Sludge
Project No: NA
Project Location: Hobbs, New Mexico
PO# 100-10160-M

Extraction Date: 10/09/95
Analysis Date: 10/10/95
Sampling Date: 10/04/95
Sample Condition: I & C
Sample Received by: MCD
Project Name: BJ Hobbs

TCLP VOLATILES (mg/L)	EPA LIMIT	Reporting Limit	T42453 Sludge	QC	RPD	REA	RIA
Vinyl chloride	0.20	0.05	ND	0.102			102
1,1-Dichloroethene	0.70	0.05	ND	0.095	9	103	95
Methyl Ethyl ketone	200.0	0.5	ND	0.102			102
Chloroform	6.00	0.05	ND	0.102			102
1,2-Dichloroethane	0.50	0.05	ND	0.103			103
Benzene	0.50	0.05	0.01	0.101	10	99	101
Carbon Tetrachloride	0.50	0.05	ND	0.099			99
Trichloroethene	0.50	0.05	ND	0.101	12	99	101
Tetrachloroethene	0.70	0.05	ND	0.096			96
Chlorobenzene	100.00	0.05	ND	0.102	11	99	102
1,4-Dichlorobenzene	7.50	0.05	ND	0.101			101

SURROGATES

	% Recovery
Dibromofluoromethane	110
Toluene-d8	99
4-Bromofluorobenzene	102

ND = Not Detected

METHODS: EPA SW 846-1311, 8240.

BS

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

10-13-95

DATE



TRACE ANALYSIS, INC.
A Laboratory for Advanced Environmental Research and Analysis

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

ANALYTICAL RESULTS FOR
 ECO-LOGICAL ENVIRONMENTAL
 Attention: Shane Estep
 2200 Market Street
 Midland, TX 79703

October 13, 1995
 Receiving Date: 10/07/95
 Sample Type: Sludge
 Project No: NA
 Project Location: Hobbs, New Mexico
 PO# 100-10168-B

Extraction Date: 10/10/95
 Analysis Date: 10/10/95
 Sampling Date: 10/04/95
 Sample Condition: I & C
 Sample Received by: McD
 Project Name: HU Hobbs

WVAP Semi-Volatiles (mg/L)	MVA Limit	Regulating Limit	TADAS3 Sludge	QC	DDP	ETA	ATA
Pyridine	5.0	0.05	ND	101	124	51	101
1,4-Dichlorobenzene	7.5	0.05	ND	100	2	63	100
o-Cresol	200.0	0.05	ND	102	0	79	102
m,p-Cresol	200.0	0.05	ND	101	7	73	101
Total Cresol	200.0	0.05	ND	203	7	152	203
Hexachloroethane	3.0	0.05	ND	104	3	59	104
Nitrobenzene	2.0	0.05	ND	103	2	87	103
Hexachlorobutadiene	0.5	0.05	ND	102	5	66	102
2,4,6-Trichlorophenol	2.0	0.05	ND	104	2	82	104
2,4,5-Trichlorophenol	400.0	0.05	ND	99	3	93	99
2,6-Dinitrotoluene	0.13	0.05	ND	100	4	90	100
2,4-D	10.0	0.05	ND	97	33	5	97
Hexachlorobenzene	0.13	0.05	ND	105	1	93	105
2,4,5-TP	1.0	0.05	ND	99	48	8	99
Pentachlorophenol	100.0	0.05	ND	100	85	106	100
Lindane	0.4	0.001	ND	0.027	13	96	108
Total Heptachlor	0.008	0.001	ND	0.056	13	192	226
Endrin	0.02	0.001	ND	0.057	0	120	114
Methoxychlor	10.0	0.001	ND	0.031	0	152	124
Chlordane	0.03	0.005	ND	0.044	2	98	88
Toxaphene	0.5	0.1	ND	1.85	15	72	93

Surrogates	% RECOVERY
2-Fluorophenol	60
Phenol-d6	38
Nitrobenzene-d5	86
2-Fluorobiphenyl	83
2,4,6-Tribromophenol	93
Terphenyl-d14	104

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

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

10-13-95
 DATE

TRACEANALYSIS, INC.
 A Laboratory for Advanced Environmental Research and Analysis

OIL CONSERVATION DIVISION

Z 765 962 888

October 27, 1995



Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

CERTIFIED MAIL
RETURN RECEIPT NO. Z-765-962-888

Ms. Jo Ann Cobb
BJ Services
11211 W. FM 2920
Tomball, Texas 77375

RE: Disposal of Waste Chemicals
Hobbs Facility, County, New Mexico

Sent to	
Street and No.	
P. O., State and ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, March 1993

Dear Ms. Cobb:

The New Mexico Oil Conservation Division (OCD) has reviewed BJ Service's (BJ) request dated October 2, 1995 for out of state disposal of drummed waste chemicals located at the Hobbs Facility, Lea County, New Mexico. The requested sites for disposal are: Ashland Chemical Company, Heritage Environmental Services, and Rineco Chemical Industries. Based on the information provided, your disposal request is approved.

Please be advised that OCD approval does not relieve BJ of responsibility for compliance with any other federal, state or local laws and/or regulations.

If you have any questions, please feel free to call me at (505) 827-7155.

Sincerely,

Mark Ashley
Geologist

xc: OCD Hobbs Office

OIL CONSERVATION DIVISION

October 20, 1995

CERTIFIED MAIL
RETURN RECEIPT NO. Z-765-962-783

Ms. Jo Ann Cobb
BJ Services
11211 W. FM 2920
Tomball, Texas 77375

**RE: Discharge Plan GW-072 Renewal
Hobbs Facility
Lea County, New Mexico**

Dear Ms. Cobb:

On October 2, 1991, the groundwater discharge plan, GW-072, for the Hobbs Facility located in the NE/4, Section 20, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico, was approved by the Director of the New Mexico Oil Conservation Division (OCD). This discharge plan was required and submitted pursuant to Water Quality Control Commission (WQCC) regulations and was approved for a period of five years. The approval will expire on October 2, 1996.

If your facility continues to have potential or actual effluent or leachate discharges and you wish to continue operation, you must renew your discharge plan. The OCD is reviewing discharge plan submittals and renewals carefully and the review time can extend for several months. Please indicate whether you have made, or intend to make, any changes in your system, and if so, please include these modifications in your application for renewal.

To assist you in preparation of your application, I have enclosed an application form and a copy of the OCD's Guidelines for the Preparation of Ground Water Discharge Plans at Gas Compressor Stations and a copy of the WQCC regulations. Please submit the original and one copy to the OCD Santa Fe Office and one copy to the OCD Hobbs District Office. Note that the completed and signed application form must be submitted with your discharge plan renewal request.

Ms. Jo Ann Cobb
October 20, 1995
Page 2

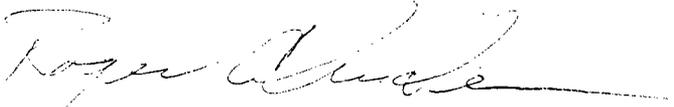
The discharge plan renewal application for the Hobbs Facility is subject to WQCC Regulation 3-114. Every billable facility submitting a discharge plan for renewal will be assessed a fee equal to the filing fee of \$50 plus a flat fee of \$690.00 for oil field service companies.

The \$50 filing fee is to be submitted with the discharge plan renewal application and is nonrefundable. The flat fee for an approved discharge plan renewal may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the discharge plan.

Please make all checks payable to: **NMED-Water Quality Management** and addressed to the OCD Santa Fe Office.

If you no longer have any actual or potential discharges and a discharge plan is not needed, please notify this office. If you have any questions, please do not hesitate to contact Mark Ashley at (505) 827-7155.

Sincerely,



Roger C. Anderson
Environmental Bureau Chief

xc: OCD Hobbs Office

Z 745 962 783



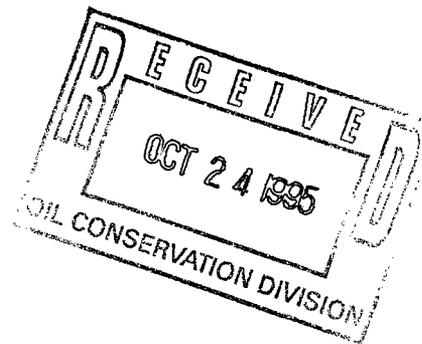
**Receipt for
Certified Mail**

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to	
Street and No.	
P.O., State and ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, March 1993

STATE OF NEW MEXICO
NMOCD District I



INTER-OFFICE MEMO

To file: B.J. (Western) GW-072

Date: October 13, 1995
Time: 10:00am

Telephone call: Meeting: Other: On-Site Visit

Person called or attending:

Brad Brooks- BJ Facility Supervisor
Wayne Price- NMOCD District I

REFERENCE: Request by BJ for site inspection.

Subject: Progress report

Comments:

Mr. Brad Brooks called our office and requested that I visit the facility. Mr. Brooks wanted the NMOCD to be aware of any and all activities which are taking place on site which pertain to their discharge plan.

The following areas were visited and comments were noted below:

New renovated lab:

Lab sink is presently connected to septic tank and leech field. Mr. Brooks is going to get with his environmental department and make a determination on how to handle lab waste and waste water. Mr. Brooks was informed that hazardous chemicals could not be discharged into the septic system.

Old AST Fuel Area:

This area is now a light truck parking area. There is nested monitor wells in this area and a soil vapor recovery system in operation.

New Head Rack Area:

Installed and complete. (see sketch)

Empty, Partial, and Waste Drum Storage Area:

This storage area contains new concrete pad and curbs, located on the east side of the yard. (see sketch)

Waste Drums:

There is approximately 54 waste chemical drums sitting on pallets just east of the new drum storage area. These drums are what is remaining of some 400 partial and full drums that were combined for disposal. They have been profiled for disposal with Ashland Chemical.

Waste Dirt Pile:

The waste dirt pile of contaminated soil generated from the AST clean-up is now gone. It was disposed of at CRI.

New Blend Area:

To be located just east of existing cement warehouse. Plans will be submitted to NMOCD Santa Fe.

New Chemical Drum Storage Area:

To be located just west of chemical dock. Plans will be submitted to NMOCD Santa Fe.

Old Acid tank and chemical loading pad:

This system has been dismantled and the loading dock and pad have been temporarily taken out of service. The waste chemical residues are no longer allowed to co-mingle with the waste water stream from the main shop warehouse.

Recommend to BJ that they plug or dismantle drain lines.

Old Underground waste water tanks:

Waste in tanks have been cleaned out and shipped off-site. Mr. Brook indicated that at that time the tanks were visually inspected for integrity. BJ has plans on removing these tanks and replacing them with a new waste water treatment system. It will be budgeted in the near future.

The non-exempt waste water is now being disposed of at the City of Hobbs POTW. Mr. Brooks has personally followed disposal trucks to POTW to ensure compliance.

They are taking routine samples to ensure this waste is not hazardous and is acceptable to the POTW.

Remaining Facility:

Toured the remaining parts of the facility and yard.

Conclusion/Agreements:

1. BJ will send all correspondence pertaining to the discharge plan to the NMOCD Santa Fe office for approval with copies to the District.
2. BJ will not dispose of chemicals down the lab sink.

Recommendations:

The following recommendations were made to enhance BJ's operations for the protection of ground water. These were recommendations and not requirements at this time.

1. Remove the old underground waste water tanks and replace with another system.
2. Segregate waste streams and practice more waste minimization techniques.
3. Address the issue of how to handle lab waste and waste water.

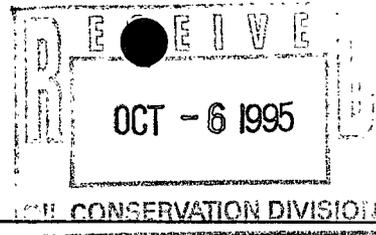
Final Comments:

BJ has done a tremendous job since my last visit concerning housekeeping, posting of signs, record keeping, etc. The yard looked very clean and orderly.

Wayne Price 
NMOCD Environmental Engineer-District I

cc: Jerry Sexton-District I Supervisor
Roger Anderson-Environmental Bureau Chief
Mark Ashley-Santa Fe office
Brad Brooks- BJ Facility Supervisor

attachments-1 (plot plan sketch)



October 2, 1995

Roger Anderson
New Mexico Energy, Minerals & Natural Resources Department
Oil Conservation Division
P.O. Box 6429
Santa Fe, New Mexico 87505-6429

RE: Disposal of Waste Chemicals
Hobbs Facility; Lea County, New Mexico

Dear Mr. Anderson:

BJ Services Co. , U.S.A. would like approval to dispose of drummed waste chemicals from the Hobbs facility. Ashland Chemical Company is assisting with the sampling, profiling, disposal, and transportation of the chemicals. Depending on the analytical data, the chemicals will be disposed of at Heritage Environmental Services or Rineco Chemical Industries. Information on these companies is listed below.

Ashland Chemical Company (214) 271-6472
3101 Wood Drive
Garland, TX. 75041
TXD980745095

Heritage Environmental Services (816) 453-4321
8525 N.E. 38th Street
Kansas City, MO. 64151
MOD981505555

Rineco Chemical Industries (501) 778-9089
1007 Vulcan Road - Haskell
Benton, AR 72015
ARD981057870

If you have any questions, please contact me at (713) 362-4421.

Sincerely,

David H. Burkett
Environmental Specialist



NEW MEXICO CONSERVATION DIVISION
RECEIVED

1995 SEP 26 AM 8 52

JO ANN COBB
Safety & Environmental Services

Tel 713-363-7528
Fax 713-363-7595

September 20, 1995

Certified (Z-142-797-184)

Roger Anderson
New Mexico Energy, Minerals & Natural Resources Department
Oil Conservation Division
P. O. Box 6429
Santa Fe, NM 87505-6429

Re: Discharge Plan GW-072 Violations
Hobbs Facility; Lea County, New Mexico

Dear Mr. Anderson:

BJ Services Company, U.S.A. received your letter dated August 22, 1995 describing violations that may have occurred at the BJ Hobbs facility. BJ Services acquired this facility in a merger with The Western Company of North America on April 13, 1995. BJ is working to upgrade the environmental standards at all facilities and to insure that they are in compliance with applicable regulations.

This letter will address the items in your letter and update you on activities at the facility. After our conversation last week, I better understand the New Mexico requirements which will help me help our local personnel. Each item in your letter is addressed below.

1. BJ has not begun any modification to the acid dock or poured any new concrete for the acid facility. The acid tank was condemned and a new steel structure and tank will be put back in the original containment area. Some drums were removed from a concrete pad near the acid dock and placed elsewhere temporarily. The former drum storage area pad was removed. A new additive system will be installed on the existing loading area. Before any new construction or modification, BJ will submit plans to your office for approval.
2. No wastes from the current remediation project have been sent for disposal. All soil generated by the current project is stored and covered, awaiting testing and approval for disposal. Some waste from the tanks near the acid dock has been removed for disposal. The liquid portion of the waste was hazardous and was taken to Eltex Chemical in Houston, Texas. The sludge from

the tanks was non-hazardous and was taken to UTEC of Texas in Thorton, Texas for disposal. These tanks now only store wash water generated by truck washing.

3. Waste water at the facility is being tested and disposed at the City of Hobbs treatment facility.
4. The empty drum storage area was not mentioned in the discharge plan. The drum storage area was completed. A bermed area for the empty drums has been recently completed behind a fence at the northeast corner of the facility.

The drums behind the fence that contain liquid have been sampled and tested. They are in the process of being profiled for disposal. A letter requesting approval for disposal is being prepared.

5. The waste pile next to the sand trap tank was generated when the acid loading area was remodeled a couple of years ago. BJ would like to leave the soil there until the sand trap and tanks are removed.
6. At this time, there are no visible spills around the liquid gel area. Any future spills will be cleaned immediately and disposed after approval.

During the combination of the BJ and The Western Company facilities, some work was done without prior approvals. In the future, BJ will endeavor to obtain prior approval for all projects and waste disposal. If there are any questions concerning this response, please contact me at 713-363-7528.

Sincerely,



Jo Ann Cobb
Manager, Environmental Services

JAC/mkd

c: Jerry Sexton, OCD Hobbs
Wayne Price, OCD Hobbs

B R O W N A N D
C A L D W E L L

RECEIVED
OIL CONSERVATION DIVISION
1995 SEP 27 11M 8 52

September 11, 1995

Mr. Mark Ashley
State of New Mexico
Energy, Minerals, and Natural Resources Dept.
Oil Conservation Division
Post Office Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

Subject: Status of RAP Implementation and Notification of System Start-up
 BJ Services Company U.S.A.
 2708 West County Road
 Hobbs, New Mexico

Dear Mr. Ashley:

Brown and Cladwell (BC), on behalf of BJ Services Company, U.S.A. (BJ Services), is pleased to submit a summary of the field activities associated with the implementation of the Remedial Action Plan (RAP) and notification of the start-up date for the remediation system at the above reference facility.

During the week of July 24, 1995, BC notified the OCD Santa Fe Office and Hobbs District Office of the field activities to be conducted in association with the implementation of the remediation system. The following is a chronological summary of the associated field activities.

August 2-9, 1995 Installation of 19 combined injection/extraction wells and 3 vacuum extraction wells. One soil sample from ten well locations was collected in the capillary fringe at depth of 50 to 54 feet bgs and analyzed for total VOC using EPA Method 8240.

August 14-26, 1995 Remedial Construction Services, Inc. (RCS) began construction of the remediation system. Activities included:

- Installation of 3' x3' x2' steel well vaults at each well location to accommodate piping connection and valves.
- Excavation of trenches for below grade laterals. Air injection piping in trenches consist of 1" schedule 40 PVC and vacuum extraction piping in trenches consist of 2" schedule 40 PVC.
- Construction of air injection and vacuum extraction manifold headers on above-grade supports. Piping consists

Environmental Engineering And Consulting • Analytical Services

1415 LOUISIANA, SUITE 2500, HOUSTON, TX 77002
(713) 759-0999 FAX (713) 759-0952

of 4" Sch 40 PVC. The initial 20 feet of injection header from the blower is 2" carbon steel /A53 Grade B pipe to dissipate heat.

- Construction of a 12' x 9' blower building to accommodate the following equipment:
 - Two 4 HP explosion proof GAST Hazardous Duty Regenair Blowers.
 - One 7.5 HP explosion proof EG&G Roton Regenerative Blower.
- Performing pressure test on all lines and valves for leaks.

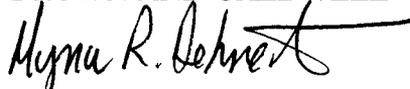
Start-up procedures are scheduled to begin on September 18, 1995 and conclude on September 25, 1995. The equipment installation and start-up period will be considered complete after one week of continuous operation at initial system capacity. The blower operating parameters, such as flow rate, pressure, and vapor temperature will be monitored daily during initial start-up. The vapors recovered during the extraction process will be discharged to the atmosphere in accordance with the State of New Mexico Air Quality Regulations. The combustible gas concentrations in the extracted soil vapor will be field measured with a Model 580B Organic Vapor Meter (OVM) during start-up operations.

As described in the RAP (report dated, May 1994), bioremediation of the soil and groundwater will be monitored by analysis of recovered vapors from the system, and dissolved oxygen concentrations in the groundwater during the system operations. Additional soil borings may be drilled to directly measure soil remediation progress. A quarterly groundwater sampling program will be initiated and samples will be analyzed in accordance with the schedule outlined in a letter received from the OCD on August 11, 1994 (Attachment 1).

If you have any questions or require any additional information, please feel free to contact either of the undersigned at (713) 759-0999.

Very truly yours,

BROWN AND CALDWELL



Myna R. Dehnert
Associate Geologist



FOR
Robert N. Jennings, P.E.
Manager, Gulf Coast Region

cc: Wayne Price, Environmental Engineer, NM-OCD Hobbs District Office
Ms. Jo Ann Cobb, BJ Services Company U.S.A.

Post-It® Fax Note	7671	Date	7-27-95	# of pages	1
To	RICK MILLER	From	MARK ASHLEY		
Co./Dept.		Co.			
Phone #		Phone #			
Fax #		Fax #			

**CONDITIONS OF APPROVAL
FOR A REMEDIAL ACTION PLAN
WESTERN COMPANY OF NORTH AMERICA'S
HOBBS FACILITY
(AUGUST 11, 1994)**

1. The soil remediation goal will be 100 parts per million Total Petroleum Hydrocarbons based upon the proximity of the contaminants relative to ground water.
2. The ground water from all monitor wells will be sampled and analyzed according to the following schedule:

<u>Initially</u>	<u>Quarterly</u>	<u>Annually</u>
BTEX PAH's Cations/Anions WQCC Metals	BTEX	BTEX PAH's Cations/Anions WQCC Metals

3. Quarterly Reports will be submitted to the OCD on January 1, April 1, July 1 and October 1 of each respective year. Quarterly reports will contain:
 - a. A summary of the laboratory analytical results of water quality sampling of the monitor wells and treatment system for the previous quarter.
 - b. A water table elevation map.
 - c. Any other pertinent information pertaining to operation and monitoring of the remediation system.
4. The OCD defers comment on the post closure monitoring until the remediation goals have been reached.
5. The OCD Santa Fe Office will be notified one week in advance of any sampling event or any major activity associated with the implementation of and operation of the remediation system so as to allow the OCD opportunity to witness the events and/or split sampling.

QUARTERLY GROUNDWATER SAMPLING SCHEDULE

BJ Services Company, U.S.A.
2708 West County Road
Hobbs, New Mexico

Sampling Month	Analytical Parameters			
	BTEX EPA Method 8020	PAHs EPA Method 8100	Cations ⁽¹⁾ /Anions ⁽²⁾	WQCC Metals EPA Method 6010/7000
Aug-95 Report to OCD - Oct 1995	X	X	X	X
Nov-95 Report to OCD - Jan 1996	X			
Feb-96 Report to OCD - April 1996	X	X	X	X
May-96 Report to OCD - July 1996	X			

NOTES: (1) Major Cations = Calcium, Magnesium, Potassium, Sodium.
(2) Major Anions = Chloride, Nitrate, Sulfate.

~~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: <input type="checkbox"/> Non-Exempt: <input checked="" type="checkbox"/>	4. Generator B.J. SERVICES
Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	5. Originating Site 2708 W. COUNTY ROAD
2. Management Facility Destination CONTROLLED RECOVERY INC.	6. Transporter UNDECIDED
3. Address of Facility Operator P.O. BOX 369 HOBBS	8. State NM
7. Location of Material (Street Address or ULSTR) 2708 W. COUNTY ROAD	
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:

THE FOLLOWING ANALYTICAL IS FOR DECON/PURGE WATER GENERATED AT B.J. SERVICES SITE LOCATED IN HOBBS, N.M. THIS WATER WAS GENERATED DURING DRILLING ACTIVITIES ASSOCIATED WITH THE INSTALLATION OF A REMEDIATION SYSTEM. APPROXIMATELY 25 cy OF SOIL AND 220 GALLONS OF WATER WAS GENERATED. I AM INCLUDING A CHAIN OF CUSTODY AND CERTIFICATE OF WASTE STATUS. CONTROLLED RECOVERY INC. REQUEST APPROVAL TO DISPOSE OF THE THIS WASTE AT OUR HALFWAY FACILITY.

REQUESTED ADD. INFO ON ANALYTICAL - ON P&U
 SEE ATTACH (41)

RECEIVED
 SEP 15 1995
 UCD HOBBS
 OFFICE

Estimated Volume 220 gallons 25 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: Donna L. Roach TITLE: OFFICE MANAGER DATE: 09/13/95
Waste Management Facility Authorized Agent
 TYPE OR PRINT NAME: DONNA L. ROACH TELEPHONE NO. (505) 393-1079

(This space for State Use)
 APPROVED BY: [Signature] TITLE: EMVP. FIUGP. DATE: 9/18/95
 APPROVED BY: [Signature] TITLE: GEOLOGIST DATE: 9/21/95

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: <input type="checkbox"/> Non-Exempt: <input checked="" type="checkbox"/>	4. Generator B.J. SERVICES
Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	5. Originating Site 2708 WEST COUNTY RD
2. Management Facility Destination CONTROLLED RECOVERY INC.	6. Transporter UNDECIDED
3. Address of Facility Operator P.O. BOX 369 HOBBS	8. State NM
7. Location of Material (Street Address or ULSTR) 2708 W. COUNTY ROAD HOBBS, N.M.	
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. <input checked="" type="radio"/> 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 FOLLOWING ANALYTICAL IS FOR CONTAMINATED SOIL GENERATED AT 2708 WEST COUNTY ROAD IN HOBBS NEW MEXICO. THE CONTAMINATION WAS GENERATED BY PETROLEUM HYDROCARBONS. APPROXIMATELY 275 CUBIC YARDS WERE EXCAVATED ON AUGUST 14-15 DURING FACILITY UPGRADE ACTIVITIES. I AM INCLUDING A CERTIFICATE OF WASTE STATUS, CHAIN OF CUSTODY AND A BRIEF LETTER STATING HOW THE SOIL WAS CONTAMINATED. CONTROLLED RECOVERY REQUEST APPROVAL TO DISPOSE OF THE SOIL AT OUR FACILITY.

*REQUESTED ADD. INFO. on Analytical etc. per page
 SEE ATTACHED (41)*

RECEIVE

SEP 15

OCU HOBBS OFFICE

Estimated Volume 275 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: Donna L. Roach TITLE: OFFICE MANAGER DATE: 09/13/95
Waste Management Facility Authorized Agent
 TYPE OR PRINT NAME: DONNA L. ROACH TELEPHONE NO. (505)-393-1079

(This space for State Use)
 APPROVED BY: [Signature] TITLE: ENVR ENGR. DATE: 9/18/95
 APPROVED BY: [Signature] TITLE: GEOLOGIST DATE: 9/21/95

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: Mark Ashley Company: ORCA
City: Samia Fe, NM FAX No.: (505) 827-8177

THIS TRANSMITTAL IS BEING SENT FROM:

Name/User ID: Mynor Delgado Date: 12 Sept 1995
Job #: 2032.31 Return originals: Yes No
Stamp: Yes No

SPECIAL INSTRUCTIONS/REMARKS:

Transmitted is a report for the status of RAP implementation and notification for system start-up. The original will follow by mail.
Thanks, Mynor

NUMBER OF PAGES BEING TRANSMITTED, INCLUDING COVER SHEET: 5

B R O W N A N D C A L D W E L L

September 11, 1995

Mr. Mark Ashley
State of New Mexico
Energy, Minerals, and Natural Resources Dept.
Oil Conservation Division
Post Office Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

Subject: Status of RAP Implementation and Notification of System Start-up
 BJ Services Company U.S.A.
 2708 West County Road
 Hobbs, New Mexico

Dear Mr. Ashley:

Brown and Caldwell (BC), on behalf of BJ Services Company, U.S.A. (BJ Services), is pleased to submit a summary of the field activities associated with the implementation of the Remedial Action Plan (RAP) and notification of the start-up date for the remediation system at the above reference facility.

During the week of July 24, 1995, BC notified the OCD Santa Fe Office and Hobbs District Office of the field activities to be conducted in association with the implementation of the remediation system. The following is a chronological summary of the associated field activities.

- August 2-9, 1995** Installation of 19 combined injection/extraction wells and 3 vacuum extraction wells. One soil sample from ten well locations was collected in the capillary fringe at depth of 50 to 54 feet bgs and analyzed for total VOC using EPA Method 8240.
- August 14-26, 1995** Remedial Construction Services, Inc. (RCS) began construction of the remediation system. Activities included:
- Installation of 3' x3' x2' steel well vaults at each well location to accommodate piping connection and valves.
 - Excavation of trenches for below grade laterals. Air injection piping in trenches consist of 1" schedule 40 PVC and vacuum extraction piping in trenches consist of 2" schedule 40 PVC.
 - Construction of air injection and vacuum extraction manifold headers on above-grade supports. Piping consists

Environmental Engineering And Consulting • Analytical Services

1415 LOUISIANA, SUITE 2500, HOUSTON, TX 77002
(713) 759-0999 FAX (713) 759-0952

Mr. Mark Ashley
September 11, 1995
Page 2

of 4" Sch 40 PVC. The initial 20 feet of injection header from the blower is 2" carbon steel /A53 Grade B pipe to dissipate heat.

- Construction of a 12'x 9' blower building to accommodate the following equipment:
 - Two 4 HP explosion proof GAST Hazardous Duty Regenair Blowers.

One 7.5 HP explosion proof EG&G Roton Regenerative Blower.

- Performing pressure test on all lines and valves for leaks.

Start-up procedures are scheduled to begin on September 18, 1995 and conclude on September 25, 1995. The equipment installation and start-up period will be considered complete after one week of continuous operation at initial system capacity. The blower operating parameters, such as flow rate, pressure, and vapor temperature will be monitored daily during initial start-up. The vapors recovered during the extraction process will be discharged to the atmosphere in accordance with the State of New Mexico Air Quality Regulations. The combustible gas concentrations in the extracted soil vapor will be field measured with a Model 580B Organic Vapor Meter (OVM) during start-up operations.

As described in the RAP (report dated, May 1994), bioremediation of the soil and groundwater will be monitored by analysis of recovered vapors from the system, and dissolved oxygen concentrations in the groundwater during the system operations. Additional soil borings may be drilled to directly measure soil remediation progress. A quarterly groundwater sampling program will be initiated and samples will be analyzed in accordance with the schedule outlined in a letter received from the OCD on August 11, 1994 (Attachment 1).

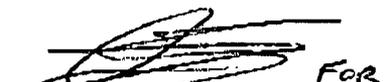
If you have any questions or require any additional information, please feel free to contact either of the undersigned at (713) 759-0999.

Very truly yours,

BROWN AND CALDWELL



Myna R. Dehnert
Associate Geologist



FOR
Robert N. Jennings, P.E.
Manager, Gulf Coast Region

cc: Wayne Price, Environmental Engineer, NM-OCD Hobbs District Office
Ms. Jo Ann Cobb, BJ Services Company U.S.A.

Post-It® Fax Note	7871	Date	7-27-95	# of Pages	1
To	RIECK MILLER	From	MARK ASHLEY		
Co./Dept.		Co.			
Phone #		Phone #			
Fax #		Fax #			

**CONDITIONS OF APPROVAL
FOR A REMEDIAL ACTION PLAN
WESTERN COMPANY OF NORTH AMERICA'S
HOBBS FACILITY
(AUGUST 11, 1994)**

1. The soil remediation goal will be 100 parts per million Total Petroleum Hydrocarbons based upon the proximity of the contaminants relative to ground water.
2. The ground water from all monitor wells will be sampled and analyzed according to the following schedule:

<u>Initially</u>	<u>Quarterly</u>	<u>Annually</u>
BTEX	BTEX	BTEX
PAH's		PAH's
Cations/Anions		Cations/Anions
WQCC Metals		WQCC Metals
3. Quarterly Reports will be submitted to the OCD on January 1, April 1, July 1 and October 1 of each respective year. Quarterly reports will contain:
 - a. A summary of the laboratory analytical results of water quality sampling of the monitor wells and treatment system for the previous quarter.
 - b. A water table elevation map.
 - c. Any other pertinent information pertaining to operation and monitoring of the remediation system.
4. The OCD defers comment on the post closure monitoring until the remediation goals have been reached.
5. The OCD Santa Fe Office will be notified one week in advance of any sampling event or any major activity associated with the implementation of and operation of the remediation system so as to allow the OCD opportunity to witness the events and/or split sampling.

ATTACHMENT 1

Mark Ashley

From: Wayne Price
To: Mark Ashley
Cc: Roger Anderson; Chris Eustice; Bill Olson; Wayne Price; Jerry Sexton
Subject: BJ Ser. old Western yard AST removal
Date: Monday, August 14, 1995 2:36PM
Priority: High

Ref: BJ-Western Yard GW-072
On-Site Visit Aug 14, 1995 10:00 am
Brad Brooks-BJ
Myna Dehnert-Brown Caldwell (consultant)

Dear Mark,

BJ's consultant notified our office this morning about the AST removal project and the installation of the new soil vapor extraction and Bio-sparging system for the ground water contamination that resulted from the ASTs.

Please note the the AST removal appeared to be an after thought. When I arrived on site this morning they were loading some of the contaminated soil destined to go to the Hobbs municipal landfill. I advised them that they need to sample this material and dispose of it in an approved NMOCD manner. They indicated to me that they are going to use CRI.

Also, for your information they have already started two major modifications to their facility, adding a new section to their main shop building, and deleting the existing chemical drum storage area in order to build a new acid storage dock. They have removed some of the concrete and soil from these two areas and disposed of this material at the Hobbs municipal landfill.

I understand these modifications are in part to accommodate the shutting down of BJ's yard on the Lovington HWY and combining these two facilities at this location. I informed them that any major modifications and disposal of any material will need NMOCD approval from Santa Fe. They indicated they were going to call you.

Tele: Mark Ashley/W Price 1:30 pm

Mark I understand you will be discussing these issues with BJ this afternoon. Please let me know what you decide. Thanks!

Recommendation: BJ should submit plans on their new modifications and obtain approval from NMOCD on disposing of all waste that is not covered in their discharge plan.

BJ should amend their Remedial Action Plan for Soil and Groundwater to include the AST removal and associated waste.

Follow-up on Site Inspection report by Wayne Price dated May 5, 1995. This request was per Roger Anderson due to a recent EPA visit.

Any major event shall be witness by NMOCD local personnel.

OIL CONSERVATION DIVISION

August 22, 1995

CERTIFIED MAIL
RETURN RECEIPT NO. Z-765-962-756

Ms. Jo Ann Cobb
BJ Services
11211 W. FM 2920
Tomball, Texas 77375

RE: Discharge Plan GW-072 Violations
Hobbs Facility
Lea County, New Mexico

Dear Ms. Cobb:

On October 2, 1991 the New Mexico Oil Conservation Division (OCD) approved discharge plan GW-072 for the Western Company (acquired by BJ Services in April of 1995) Hobbs Facility located in the NE/4, Section 20, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico. The approval was granted pursuant to Water Quality Control Commission (WQCC) Regulation 3-109.A and the conditions contained in the OCD letter dated August 6, 1991. Please note that Section 3-104 of the regulations requires that "When a facility has been approved, discharges must be consistent with the terms and conditions of the plan." Pursuant to Section 3-107.C you are required to notify the Director of any facility expansion, production increase, or process modification that would result in any change in the discharge of water quality or volume.

As a result of an OCD field inspection on May 5, 1995, and subsequent visits, it has come to our attention that BJ Services has been conducting operations at the Hobbs facility that are in violation of the existing discharge plan.

- 1) BJ Services has begun a modification, consisting of a new acid dock and a concrete pad for servicing equipment, at the Hobbs facility without prior approval from OCD. This is in violation of Section 3-107.C which requires prior approval from the OCD. Please submit a modification plan for approval.

Ms. Jo Ann Cobb
 August 22, 1995
 Page 2

- 2) It appears that BJ Services has disposed of, or is the process of, disposing of some wastes generated from the current remediation project without prior notification and/or approval. Please verify whether or not this has occurred. It was stated in the letter dated August 6, 1991 that "All Wastes generated at the facility will be disposed of at an OCD approved disposal facility after testing." This is in violation of Section 3-104 of the regulations.
- 3) Waste water generated at the facility is currently being disposed of at the Hobbs State #3 disposal well. As stated in the August 6, 1991 letter, class II wells are not authorized by USEPA UIC regulations to accept service company wastes. All disposal to class II wells shall cease immediately, and an alternate method of disposal shall be submitted for approval.
- 4) The empty drum storage area located behind a fence at the northeast corner of the facility does not meet OCD requirements for proper storage. Is this the area mentioned in the discharge plan under proposed modification for drum storage? The drum storage area was to be completed by year end 1992. Please verify.

Also, some of the drums contain liquids. Please identify the contents of all drums by either testing or process knowledge (i.e. MSDS).

- 5) A waste pile was discovered behind the sand trap tank. Where did this come from, and why is it being stored there? Your discharge plan does not allow for such storage. Please test and dispose of it after prior approval.
- 6) There appears to have been some spills around the liquid gel blend area. Please submit a plan for remediation of the area.

Please respond to the above mentioned items by September 22, 1995. Thank you for your attention to this matter.

Sincerely,


 Roger Anderson
 Environmental Bureau Chief

RCA/mwa

xc: Jerry Sexton, OCD Hobbs Office
 Wayne Price, OCD Hobbs Office

Z 765 962 756

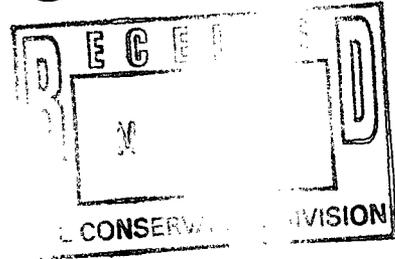


Receipt for Certified Mail

No. Insurance Coverage Provided
 Do not use for International Mail
 (See Reverse)

Sent to	
Street and No.	
P. O., State and ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

STATE OF NEW MEXICO
NMOCD District I



INTER-OFFICE MEMO

To file: Western Company of North America
2708 West County Road
Hobbs, NM
DP# GW-072
Telephone # 505-392-5556

RECEIVED

MAY 12 1995

Environmental Bureau
Oil Conservation Division

Date: May 5, 1995
Time: 1:20 pm - 4:30 pm

Telephone call: _____ Meeting: _____ Other: X

On Site Inspection

Person called or attending:

Jim Frazier-Western Company
Wayne Price-NMOCD

REFERENCE: Western Company-Hobbs Yard DP# GW-072

Subject: Request from NMOCD Environmental Bureau to make an on-site inspection of Western Company.

Comments:

The Western Company of North America, Hobbs, New Mexico facility provides cementation, acidizing and high pressure pumping services for oil and gas wells. They presently are operating under a NMOCD discharge plan GW-072. The facility is supplied with city water but there is no sewer system in this area. There is also a water well on site that is used as process water. This water is not potable due to ground water contamination.

This inspection included meeting with Jim Frazier of Western and reviewing the current discharge plan, obtaining a copy of this plan less the MSDS's, certain on-site records, conducting a site tour and taking pictures (see attachment for pictures), and a closing meeting discussing waste disposal practices and discharge plan conditions.

Mr. Frazier indicated that the EPA had been on site recently and inspected the facility and collected several samples. The following areas were noted to have been sampled; all of the waste water tanks and several drums of chemical that were stored at the far east end of the property. Mr. Frazier took split samples and is going to copy the NMOCD on the test results when available.

The following waste streams were reviewed:

1. Used motor oil is collected and stored on site in a tank with secondary containment. This waste is shipped off-site to an "used oil" recycler. (see latest manifest #28764 attached).
2. Safety-Kleen parts washing liquids; shipped off-site. (see latest manifest #1081115 attached).
3. Yard "waste water" which is classified as a **non-exempt** service company waste is presently being disposed of by Sonny's Oilfield Service, Inc. According to Mr. Frazier this material is going to Sonny's disposal well (Hobbs State #3). Two recent invoices HB No. 24550 and 24486 are attached.
4. Yard "waste water" and "sand trap" solids generated from the waste water system which is classified as **non-exempt** waste has been disposed of at CRI SWD. There was no record of a "solid Waste Approval" form for this particular load (see attached Sonny's invoice HB No. 24803).
5. Waste chemical-not addressed.
6. Rain water-not addressed.

The following discharge plan items were reviewed:

1. The Drum storage area. Western is storing approximately 400 drums in an area east of the cement bulk plant (see attached plot plan) that is not listed in the discharge plan. This area is not contained or bermed. Their discharge plan indicates that drums will be stored in a bermed area designed to house 200 drums specifically designated for this purpose. (see photos)
2. Site inspection reports. Western Company has been performing site safety inspections (see attachments), but no inspection reports as per the inspection plan listed in the discharge plan were available at the time of the inspection.
3. There was no inspection data available for checking mechanical integrity for the below grade waste water tanks, sumps or the underground piping. There is a monitor well located just south of the waste water tanks. Mr. Frazier indicated that these monitor wells on site were checked recently. He indicated this was part of the groundwater investigation that is being conducted on site.

Observations:

Western Company has recently been purchased by BJ Services.

The Liquid gel blend area located just east and adjacent to the cement bulk plant is in need of paving and containment. This is an area where previous spills and leaks have occurred.

- * Chemical drums, full, partial and empty, were not properly stored.
WASTE - UNLabeled - ALS
- * Waste water is being sent to a disposal well.
- * Waste solids is being sent off site without a case-by-case approval process.

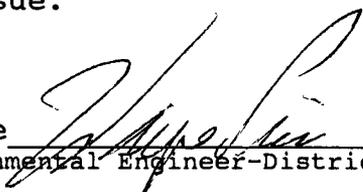
There is ground water contamination. This issue is being addressed by the NMOCD-Santa Fe Environmental Bureau.

There is a ^{concrete tank} waste pile located near the waste water tanks.

The sludge in the far east waste water tank has never been emptied.

Safety report dated Jan. 9, 1995 shows where acid tank split. NMOCD has no record of event.

New Waste Management Plan (see attached) does not appear to have been incorporated into current discharge plan. Note: The NMOCD District I does not have the complete file to make a determination on this issue.

Wayne Price  5/10/95
NMOCD Environmental Engineer-District I

cc: Jerry Sexton-District I Supervisor
Bill Olson-Hydrogeologist NMOCD Santa Fe
Chris Eustice-Environmental Geologist

Attachments:- Site pictures and notes, plot plan, manifest/invoices-5, discharge plan, safety inspection reports, and new waste management plan which includes, new waste stream list and waste handling procedures, analytical test results.

'95 MAY 15 AM 8 52

NMOCD Inter-Correspondence

To: Roger Anderson-Environmental Bureau Chief
From: Wayne Price-Environmental Engineer District I
Date: May 12, 1995
Reference: ADDENDUM to Site Inspection Report
Western Company-Hobbs NM DP# GW-072



Subject: Analytical results from recent EPA inspection.

Comments:

Dear Roger,

Please find enclosed the analytical results, chain of custody and site plot plan provided by Jim Frazier of the Western Company. Mr. Frazier indicated these are Western's results of the split samples that were taken during the recent EPA site inspection.

cc: Jerry Sexton-District I Supervisor
Bill Olson-Hydrogeologist
Chris Eustice-Environmental Geologist

Attachments-1

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

RECEIVED

MAY 11 1995

**OOD HOBBS
OFFICE**

BJWESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

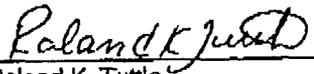
Receiving Date: 04/26/95
Sample Type: SLUDGE
Project : 170R0603214LA

Analysis Date: 05/02/95
Sampling Date: 04/24/95
Sample Condition: Intact

REVISION

ELT#	FIELD CODE	IGNITABILITY deg F	CORROSIVITY	SPECIFIC GRAVITY
3943	BJWEST OUTSUMP 01	NR	NR	1.43
3944	BJWEST SANDTRAP 02	70	NON CORROSIVE	1.89
3946	BJWEST SANDTRAP 04	NR	NR	1.94
3948	BJWEST TANK A 06	80	NON CORROSIVE	1.00
3949	BJWEST TANK A 07	NR	NON CORROSIVE	1.15
3950	BJWEST TANK B 08	80	NR	31*
3951	BJWEST TANK B 09	NR	NR	0.878
3952	BJWEST TANK C 10	80	NR	32*
3953	BJWEST TANK C 11	NR	NR	31*
3954	BJWEST DRUM 02 12	75	NR	0.848
3955	BJWEST DRUM 03-13	85	NR	0.836
3956	BJWEST DRUM 05-14	NR	NON CORROSIVE	1.279
3957	BJWEST DRUM 15 16	70	NR	0.862
3958	BJWEST DRUM 15-16	70	NR	0.817
3959	BJWEST DRUM 17-17	70	NR	0.812
3960	BJWEST DRUM 27-18	70	NR	0.898
	% PRECISION	100	100	NR

NR= NOT REQUESTED
METHODS: EPA SW 846-1010,2.1.2
* SPECIFIC GRAVITY (OIL)


Raland K. Tuttle

5/11/95
Date

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!"

RECEIVED

MAY 11 1995

**UCD HOBBS
OFFICE**

BJWESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

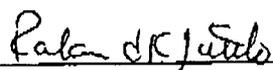
Receiving Date: 04/26/95
Sample Type: SLUDGE
Project: 170R0603214LA

Analysis Date: 05/02/95
Sampling Date: 04/24/95
Sample Condition: Intact

TCLP METALS (mg/l)

ELT#	Field Code	As	Se	Cr	Cd	Pb	Ag	Ba	Hg
	EPA LIMIT	5.00	1.00	5.00	1.00	5.00	5.00	100.00	0.20
3943	BJWEST-OUTSUMP-01	3.0	0.6	0.1	0.1	0.2	0.4	32	ND
3946	BJWEST-SANDTRAP-04	3.0	0.9	0.2	0.1	0.3	0.7	26	ND
3949	BJWEST-TANK A-07	3.0	0.4	0.1	0.1	0.2	0.2	15	ND
3951	BJWEST TANKB-09	ND	0.5	ND	0.1	0.1	0.1	12	ND
3953	BJWEST TANK C-11	1	0.3	0.2	0.1	0.2	0.3	20	ND
	EXTRACTION BLANK	ND	ND						
	Detection Limit	1.0	1.0	0.1	0.1	0.1	0.1	0.1	0.02
	% EXTRACTION ACCURACY	50	100	100	100	85	100	108	100
	% INSTRUMENT ACCURACY	110	100	100	90	97	100	100	83

METHODS: EPA SW 846-1311,7000,7471
ND=NOT DETECTED


Raland K. Tuttle

5/8/95
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

BJ/WESTERN
ATTN: MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

RECEIVED

MAY 11 1995
OCD HOBBS
OFFICE

RECEIVING DATE: 04/26/95
SAMPLE TYPE: LIQUID
PROJECT #: 170R0603214LA
PROJECT LOCATION: BJ/WESTERN, HOBBS, NM

ANALYSIS DATE: 05/10/95
SAMPLING DATE: 04/25/95
SAMPLE CONDITION: INTACT
FIELD CODE: OUTSUMP-01

TCLP VOLATILES (ppm)	EPA LIMIT	ELT# 3943	DETECTION LIMIT	%P	%IA	%EA
Vinyl chloride	0.20	ND	0.002	104	108	102
1,1-Dichloroethene	0.70	ND	0.002	102	100	105
Methyl Ethyl Ketone	200.00	ND	0.001	97	82	96
Chloroform	6.00	ND	0.020	102	104	107
1,2-Dichloroethane	0.50	ND	0.002	102	104	108
Benzene	0.50	ND	0.002	101	104	105
Carbon Tetrachloride	0.50	ND	0.020	102	104	111
Trichloroethene	0.50	ND	0.002	102	104	108
Tetrachloroethene	0.70	ND	0.002	101	104	107
Chlorobenzene	100.00	ND	0.002	101	102	105
1,4-Dichlorobenzene	7.50	ND	0.002	101	102	104

	% Recovery
1,2-Dichloroethane	103
Toluene-d8	100
4-Bromofluorobenzene	100

ND= Not Detected

Methods: EPA SW 846-8240, 1311


Raland K. Tuttle

5/11/95
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

BJ / WESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

RECEIVED

MAY 11 1995

JOCD HOBBS
OFFICE

Receiving Date: 04/26/95
Sample Type: liquid
Project #: 170R0603214LA
Field Code: BJWEST-OUTSUMP-01

Analysis Date: 05/05/95
Sampling Date: 04/24/95
Sample Condition: Intact

Method SW 846-8260 (ppm)	ELT# 3943	BLANK	Detection Limit	%EA	%IA
Chloromethane	ND	ND	0.001	98	110
Vinyl Chloride	ND	ND	0.001	96	108
Bromomethane	ND	ND	0.001	99	101
Chloroethane	ND	ND	0.001	100	106
Trichlorofluoromethane	ND	ND	0.001	95	109
1,1-Dichloroethene	ND	ND	0.001	98	107
Methylene Chloride	ND	ND	0.001	97	102
trans-1,2-Dichloroethene	ND	ND	0.001	98	99
1,1-Dichloroethane	ND	ND	0.001	97	100
2,2-Dichloropropane	ND	ND	0.001	99	103
cis-1,2-Dichloroethene	ND	ND	0.001	98	104
Bromochloromethane	ND	ND	0.001	96	98
Chloroform	ND	ND	0.001	101	101
Dichlorodifluoromethane	ND	ND	0.001	99	104
1,1,1-Trichloroethane	ND	ND	0.001	94	103
Carbon Tetrachloride	ND	ND	0.001	96	101
1,1-Dichloropropene	ND	ND	0.001	97	105
Benzene	0.06	ND	0.001	101	106
1,2-Dichloroethane	ND	ND	0.001	98	101
Trichloroethene	ND	ND	0.001	99	99
1,2-Dichloropropane	ND	ND	0.001	100	101
Dibromomethane	ND	ND	0.001	96	98
Bromodichloromethane	ND	ND	0.001	97	107
Dibromochloromethane	ND	ND	0.001	98	98
cis 1,3-Dichloropropene	ND	ND	0.001	101	97
Toluene	1.40	ND	0.001	99	92
trans 1,3-Dichloropropene	ND	ND	0.001	100	103
1,1,2-Trichloroethane	ND	ND	0.001	98	101
Tetrachloroethene	ND	ND	0.001	99	97
1,3-Dichloropropane	ND	ND	0.001	97	99
1,2-Dibromoethane	ND	ND	0.001	96	101
Chlorobenzene	ND	ND	0.001	97	103
1,1,1,2-Tetrachloroethane	ND	ND	0.001	98	99
Ethylbenzene	1.96	ND	0.001	104	109

RECEIVED

MAY 11 1995
 UCD HOBBS
 OFFICE

BJ / WESTERN
 MR. JIM FRAZER
 2708 W. COUNTY RD
 HOBBS, NM 88240
 FAX: 505-392-7307

Receiving Date: 04/26/95
 Sample Type: liquid
 Project #: 170R0603214LA
 Field Code: BJWEST-OUTSUMP-01

Analysis Date: 05/05/95
 Sampling Date: 04/24/95
 Sample Condition: Intact

Method SW 846-8260 (ppm)	ELT# 3943	BLANK	Detection Limit	%EA	%IA
m&p-Xylene	5.30	ND	0.001	101	109
o-Xylene	3.74	ND	0.001	99	103
Styrene	ND	ND	0.001	100	110
Bromoform	ND	ND	0.001	96	97
1,1,2,2-Tetrachloroethane	ND	ND	0.001	97	104
1,2,3-Trichloropropane	ND	ND	0.001	98	99
Isopropylbenzene	1.58	ND	0.001	99	98
Bromobenzene	ND	ND	0.001	100	96
n-Propylbenzene	9.00	ND	0.001	99	100
2-Chlorotoluene	ND	ND	0.001	97	112
4-Chlorotoluene	ND	ND	0.001	97	110
1,3,5-Trimethylbenzene	14.00	ND	0.001	96	98
tert-Butylbenzene	ND	ND	0.001	96	96
1,2,4-Trimethylbenzene	ND	ND	0.001	97	99
sec-Butylbenzene	4.44	ND	0.001	98	101
1,3-Dichlorobenzene	ND	ND	0.001	99	99
4-Isopropyltoluene	ND	ND	0.001	101	100
1,4-Dichlorobenzene	ND	ND	0.001	97	101
1,2-Dichlorobenzene	ND	ND	0.001	98	100
n-Butylbenzene	ND	ND	0.001	99	98
1,2-Dibromo-3-Chloropropane	ND	ND	0.001	98	99
1,2,3-Trichlorobenzene	ND	ND	0.001	96	101
Hexachlorobutadiene	ND	ND	0.001	97	96
Naphthalene	8.00	ND	0.001	98	103
1,2,4-Trichlorobenzene	ND	ND	0.001	99	105

System Monitoring Compounds

% Recovery

Dibromofluoromethane
 Toluene-d8
 4-Bromofluorobenzene

97
 105
 99

Raland K Tuttle
 Raland K. Tuttle

5/8/95
 Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

RECEIVED

MAY 11 1995

UCC HOBBS
OFFICE

BJ/ WESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

Receiving Date: 04/26/95
Sample Type: SLUDGE
Project #: 170R0603214LA
FIELD CODE: BJWEST OUTSUMP-01

Analysis Date: 05/07/95
Sampling Date: 04/24/95
Sample Condition: Intact

TCLP SEMIVOLATILE ORGANICS (ppm)	DETECTION LIMIT	ELT# 3943	BLANK	%EA	%IA
Pyridine	0.002	ND	ND	102	104
1,4-Dichlorobenzene	0.002	ND	ND	101	103
2-Methylphenol	0.002	ND	ND	99	98
Nitrobenzene	0.002	ND	ND	97	96
4-Methylphenol	0.002	ND	ND	100	103
Hexachloroethane	0.002	ND	ND	101	102
Hexachlorobutadiene	0.002	ND	ND	100	104
2,4,6-Trichlorophenol	0.002	ND	ND	101	106
2,4,5-Trichlorophenol	0.002	ND	ND	99	102
2,4-Dinitrotoluene	0.002	ND	ND	101	104
Hexachlorobenzene	0.002	ND	ND	105	101
Pentachlorophenol	0.002	ND	ND	107	102

ND= NOT DETECTED

SYSTEM MONITORING COMPOUNDS

% Recovery

2-Fluorophenol
Phenol-d5
Nitrobenzene-d5
2-Fluorobiphenyl
2,4,6-Tribromophenol
Terphenyl-d14

101
99
106
98
101
103

Method: SW 846-8270,1311

Raland K. Tuttle
Raland K. Tuttle

5/8/95
Date

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!"

RECEIVED

MAY 11 1995

UCD HOBBS
OFFICE

BJ/WESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

RECEIVING DATE: 04/26/95
SAMPLE TYPE: SLUDGE
PROJECT #: 170R0603214LA
FIELD CODE: BJ/WEST SANDTRAP 02

ANALYSIS DATE: 05/06/95
SAMPLING DATE: 04/24/95
SAMPLE CONDITION: INTACT

TCLP VOLATILES (ppm)	EPA LIMIT	ELT# 3944	DETECTION LIMIT	QC	%P	%IA	%EA
Vinyl chloride	0.20	ND	0.002	0.048	106	110	109
1,1-Dichloroethene	0.70	ND	0.002	0.051	99	101	104
Methyl Ethyl Ketone	200.00	ND	0.020	0.053	105	98	98
Chloroform	6.00	ND	0.002	0.052	104	106	101
1,2-Dichloroethane	0.50	ND	0.002	0.051	104	111	102
Benzene	0.50	ND	0.002	0.053	102	99	99
Carbon Tetrachloride	0.50	ND	0.002	0.054	102	103	108
Trichloroethene	0.50	ND	0.002	0.050	101	98	103
Tetrachloroethene	0.70	ND	0.002	0.051	101	102	104
Chlorobenzene	100.00	ND	0.002	0.051	102	99	101
1,4-Dichlorobenzene	7.50	ND	0.002	0.051	101	98	102

	% Recovery
1,2-Dichloroethane	99
Toluene-d8	102
4-Bromofluorobenzene	101

ND= Not Detected

Methods: EPA SW 846-8260, 1311

Raland K Tuttle
Raland K. Tuttle

5/8/95
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

BJ / WESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

RECEIVED

MAY 11 1995

U C D HOBBS
OFFICE

Receiving Date: 04/26/95
Sample Type: SLUDGE
Project #: 170R0603214LA
Field Code: BJWEST-SANDTRAP-02

Analysis Date: 05/05/95
Sampling Date: 04/24/95
Sample Condition: Intact

Method SW 846-8260 (ppm)	ELT# 3944	BLANK	Detection Limit	%EA	%IA
Chloromethane	ND	ND	0.001	98	110
Vinyl Chloride	ND	ND	0.001	96	108
Bromomethane	ND	ND	0.001	99	101
Chloroethane	ND	ND	0.001	100	106
Trichlorofluoromethane	ND	ND	0.001	95	109
1,1-Dichloroethene	ND	ND	0.001	98	107
Methylene Chloride	ND	ND	0.001	97	102
trans-1,2-Dichloroethene	ND	ND	0.001	98	99
1,1-Dichloroethane	ND	ND	0.001	97	100
2,2-Dichloropropane	ND	ND	0.001	99	103
cis-1,2-Dichloroethene	ND	ND	0.001	98	104
Bromochloromethane	ND	ND	0.001	96	98
Chloroform	ND	ND	0.001	101	101
Dichlorodifluoromethane	ND	ND	0.001	99	104
1,1,1-Trichloroethane	ND	ND	0.001	94	103
Carbon Tetrachloride	ND	ND	0.001	96	101
1,1-Dichloropropene	ND	ND	0.001	97	105
Benzene	ND	ND	0.001	101	106
1,2-Dichloroethane	ND	ND	0.001	98	101
Trichloroethene	ND	ND	0.001	99	99
1,2-Dichloropropane	ND	ND	0.001	100	101
Dibromomethane	ND	ND	0.001	96	98
Bromodichloromethane	ND	ND	0.001	97	107
Dibromochloromethane	ND	ND	0.001	98	98
cis 1,3-Dichloropropene	ND	ND	0.001	101	97
Toluene	3.1	ND	0.001	99	92
trans 1,3-Dichloropropene	ND	ND	0.001	100	103
1,1,2-Trichloroethane	ND	ND	0.001	98	101
Tetrachloroethene	ND	ND	0.001	99	97
1,3-Dichloropropane	ND	ND	0.001	97	99
1,2-Dibromoethane	ND	ND	0.001	96	101
Chlorobenzene	ND	ND	0.001	97	103
1,1,1,2-Tetrachloroethane	ND	ND	0.001	98	99
Ethylbenzene	5.0	ND	0.001	104	109

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!"

RECEIVED

MAY 11 1995

OLD HOBBS
OFFICE

BJ/WESTERN
ATTN: MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

RECEIVING DATE: 04/26/95
SAMPLE TYPE: LIQUID
PROJECT #: 170R0603214LA
PROJECT LOCATION: BJ/WESTERN, HOBBS, NM

ANALYSIS DATE: 05/10/95
SAMPLING DATE: 04/25/95
SAMPLE CONDITION: INTACT
FIELD CODE: TANK B-09

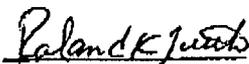
TCLP VOLATILES (ppm)	EPA LIMIT	ELT# 3951	DETECTION LIMIT	%P	%IA	%EA
Vinyl chloride	0.20	ND	0.002	104	108	102
1,1-Dichloroethene	0.70	ND	0.002	102	100	105
Methyl Ethyl Ketone	200.00	ND	0.001	97	82	96
Chloroform	6.00	ND	0.020	102	104	107
1,2-Dichloroethane	0.50	ND	0.002	102	104	108
Benzene	0.50	ND	0.002	101	104	105
Carbon Tetrachloride	0.50	ND	0.020	102	104	111
Trichloroethene	0.50	ND	0.002	102	104	108
Tetrachloroethene	0.70	ND	0.002	101	104	107
Chlorobenzene	100.00	ND	0.002	101	102	105
1,4-Dichlorobenzene	7.50	ND	0.002	101	102	104

	% Recovery
1,2-Dichloroethane	102
Toluene-d8	100
4-Bromofluorobenzene	100

ND= Not Detected

Methods: EPA SW 846-8240, 1311

NOTE: MATRIX EFFECTS REQUIRED DILUTION OF SAMPLE BEYOND EPA REGULATORY LIMITS.


Roland K. Tuttle

5/11/95
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

BJ / WESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

RECEIVED

MAY 11 1995

WOOD HOBBS
OFFICE

Receiving Date: 04/26/95
Sample Type: liquid
Project #: 170R0603214LA
Field Code: BJWEST-TANK B-09

Analysis Date: 05/05/95
Sampling Date: 04/24/95
Sample Condition: Intact

Method SW 846-8260 (ppm)	ELT# 3951	BLANK	Detection Limit	%EA	%IA
Chloromethane	ND	ND	0.001	98	110
Vinyl Chloride	ND	ND	0.001	96	108
Bromomethane	ND	ND	0.001	99	101
Chloroethane	ND	ND	0.001	100	108
Trichlorofluoromethane	ND	ND	0.001	95	109
1,1-Dichloroethene	ND	ND	0.001	98	107
Methylene Chloride	ND	ND	0.001	97	102
trans-1,2-Dichloroethene	ND	ND	0.001	98	99
1,1-Dichloroethane	ND	ND	0.001	97	100
2,2-Dichloropropane	ND	ND	0.001	99	103
cis-1,2-Dichloroethene	ND	ND	0.001	98	104
Bromochloromethane	ND	ND	0.001	96	98
Chloroform	ND	ND	0.001	101	101
Dichlorodifluoromethane	ND	ND	0.001	99	104
1,1,1-Trichloroethane	ND	ND	0.001	94	103
Carbon Tetrachloride	ND	ND	0.001	96	101
1,1-Dichloropropene	ND	ND	0.001	97	105
Benzene	0.1	ND	0.001	101	106
1,2-Dichloroethane	ND	ND	0.001	98	101
Trichloroethene	ND	ND	0.001	99	99
1,2-Dichloropropane	ND	ND	0.001	100	101
Dibromomethane	ND	ND	0.001	96	98
Bromodichloromethane	ND	ND	0.001	97	107
Dibromochloromethane	ND	ND	0.001	98	98
cis 1,3-Dichloropropene	ND	ND	0.001	101	97
Toluene	33.0	ND	0.001	99	92
trans 1,3-Dichloropropene	ND	ND	0.001	100	103
1,1,2-Trichloroethane	ND	ND	0.001	98	101
Tetrachloroethene	ND	ND	0.001	99	97
1,3-Dichloropropane	ND	ND	0.001	97	99
1,2-Dibromoethane	ND	ND	0.001	96	101
Chlorobenzene	ND	ND	0.001	97	103
1,1,1,2-Tetrachloroethane	ND	ND	0.001	98	99
Ethybenzene	41.0	ND	0.001	104	109

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

MAY 11 '95 11:46

PAGE. 010

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

RECEIVED
MAY 11 1995
OCD HOBBS
OFFICE

BJ/WESTERN
ATTN: MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

RECEIVING DATE: 04/26/95
SAMPLE TYPE: LIQUID
PROJECT #: 170R0603214LA
PROJECT LOCATION: BJ/WESTERN, HOBBS, NM

ANALYSIS DATE: 05/10/95
SAMPLING DATE: 04/25/95
SAMPLE CONDITION: INTACT
FIELD CODE: SANDTRAP-04

TCLP VOLATILES (ppm)	EPA LIMIT	ELT# 3946	DETECTION LIMIT	%P	%IA	%EA
Vinyl chloride	0.20	ND	0.002	104	108	102
1,1-Dichloroethene	0.70	ND	0.002	102	100	105
Methyl Ethyl Ketone	200.00	ND	0.001	97	82	96
Chloroform	6.00	ND	0.020	102	104	107
1,2-Dichloroethane	0.50	ND	0.002	102	104	108
Benzene	0.50	ND	0.002	101	104	105
Carbon Tetrachloride	0.50	ND	0.020	102	104	111
Trichloroethene	0.50	ND	0.002	102	104	108
Tetrachloroethene	0.70	ND	0.002	101	104	107
Chlorobenzene	100.00	ND	0.002	101	102	105
1,4-Dichlorobenzene	7.50	ND	0.002	101	102	104

	% Recovery
1,2-Dichloroethane	102
Toluene-d8	100
4-Bromofluorobenzene	100

ND= Not Detected

Methods: EPA SW 846-8240, 1311

Raland K Tuttle
Raland K. Tuttle

5/11/95
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

BJ / WESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

RECEIVED
MAY 11 1995
OCD HOBBS
OFFICE

Receiving Date: 04/26/95
Sample Type: SLUDGE
Project #: 170R0603214LA
Field Code: BJWEST-SANDTRAP-04

Analysis Date: 05/05/95
Sampling Date: 04/24/95
Sample Condition: Intact

Method SW 846-8260 (ppm)	ELT# 3946	BLANK	Detection Limit	%EA	%IA
Chloromethane	ND	ND	0.001	98	110
Vinyl Chloride	ND	ND	0.001	96	108
Bromomethane	ND	ND	0.001	99	101
Chloroethane	ND	ND	0.001	100	106
Trichlorofluoromethane	ND	ND	0.001	95	109
1,1-Dichloroethene	ND	ND	0.001	98	107
Methylene Chloride	ND	ND	0.001	97	102
trans-1,2-Dichloroethene	ND	ND	0.001	98	99
1,1-Dichloroethane	ND	ND	0.001	97	100
2,2-Dichloropropane	ND	ND	0.001	99	103
cis-1,2-Dichloroethene	ND	ND	0.001	98	104
Bromochloromethane	ND	ND	0.001	96	98
Chloroform	ND	ND	0.001	101	101
Dichlorodifluoromethane	ND	ND	0.001	99	104
1,1,1-Trichloroethane	ND	ND	0.001	94	103
Carbon Tetrachloride	ND	ND	0.001	96	101
1,1-Dichloropropene	ND	ND	0.001	97	105
Benzene	ND	ND	0.001	101	106
1,2-Dichloroethane	ND	ND	0.001	98	101
Trichloroethene	ND	ND	0.001	99	99
1,2-Dichloropropane	ND	ND	0.001	100	101
Dibromomethane	ND	ND	0.001	96	98
Bromodichloromethane	ND	ND	0.001	97	107
Dibromochloromethane	ND	ND	0.001	98	98
cis 1,3-Dichloropropene	ND	ND	0.001	101	97
Toluene	3.0	ND	0.001	99	92
trans 1,3-Dichloropropene	ND	ND	0.001	100	103
1,1,2-Trichloroethane	ND	ND	0.001	98	101
Tetrachloroethene	ND	ND	0.001	99	97
1,3-Dichloropropane	ND	ND	0.001	97	99
1,2-Dibromoethane	ND	ND	0.001	96	101
Chlorobenzene	ND	ND	0.001	97	103
1,1,1,2-Tetrachloroethane	ND	ND	0.001	98	99
Ethylbenzene	5.7	ND	0.001	104	109

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

RECEIVED

MAY 11 1995

UCD HOBBBS OFFICE

RECEIVED

MAY 11 1995

UCD HOBBS OFFICE

BJ/WESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

Receiving Date: 04/26/95
Sample Type: SLUDGE
Project #: 170R0603214LA
Field Code: BJWEST-SANDTRAP-04

Analysis Date: 05/05/95
Sampling Date: 04/24/95
Sample Condition: Intact

Method SW 846-8260 (ppm)	ELT# 3946	BLANK	Detection Limit	%EA	%IA
m&p-Xylene	15.4	ND	0.001	101	109
o-Xylene	24.0	ND	0.001	99	103
Styrene	ND	ND	0.001	100	110
Bromoform	ND	ND	0.001	96	97
1,1,2,2-Tetrachloroethane	ND	ND	0.001	97	104
1,2,3-Trichloropropane	ND	ND	0.001	98	99
Isopropylbenzene	9.4	ND	0.001	99	98
Bromobenzene	ND	ND	0.001	100	96
n-Propylbenzene	40.5	ND	0.001	99	100
2-Chlorotoluene	ND	ND	0.001	97	112
4-Chlorotoluene	ND	ND	0.001	97	110
1,3,5-Trimethylbenzene	38.0	ND	0.001	96	98
tert-Butylbenzene	ND	ND	0.001	96	96
1,2,4-Trimethylbenzene	ND	ND	0.001	97	99
sec-Butylbenzene	10.2	ND	0.001	98	101
1,3-Dichlorobenzene	ND	ND	0.001	99	99
4-Isopropyltoluene	ND	ND	0.001	101	100
1,4-Dichlorobenzene	ND	ND	0.001	97	101
1,2-Dichlorobenzene	ND	ND	0.001	98	100
n-Butylbenzene	18.5	ND	0.001	99	98
1,2-Dibromo-3-Chloropropane	ND	ND	0.001	98	99
1,2,3-Trichlorobenzene	ND	ND	0.001	96	101
Hexachlorobutadiene	ND	ND	0.001	97	96
Naphthalene	25.0	ND	0.001	98	103
1,2,4-Trichlorobenzene	ND	ND	0.001	99	105

System Monitoring Compounds

% Recovery

Dibromofluoromethane
Toluene-d8
4-Bromofluorobenzene

96
104
89

Raland K Tuttle
Raland K. Tuttle

5/8/95
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

RECEIVED

MAY 11 1995

**OOD HOBBS
OFFICE**

BJ/WESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

Receiving Date: 04/26/95
Sample Type: SLUDGE
Project #: 170R0603214LA
FIELD CODE: BJWEST SANDTRAP-04

Analysis Date: 05/07/95
Sampling Date: 04/24/95
Sample Condition: Intact

TCLP SEMIVOLATILE ORGANICS (ppm)	DETECTION LIMIT	ELT# 3946	BLANK	%EA	%IA
Fyridine	0.002	ND	ND	102	104
1,4-Dichlorobenzene	0.002	ND	ND	101	103
2-Methylphenol	0.002	ND	ND	99	98
Nitrobenzene	0.002	ND	ND	97	96
4-Methylphenol	0.002	ND	ND	100	103
Hexachloroethane	0.002	ND	ND	101	102
Hexachlorobutadiene	0.002	ND	ND	100	104
2,4,6-Trichlorophenol	0.002	ND	ND	101	106
2,4,5-Trichlorophenol	0.002	ND	ND	99	102
2,4-Dinitrotoluene	0.002	ND	ND	101	104
Hexachlorobenzene	0.002	ND	ND	105	101
Pentachlorophenol	0.002	ND	ND	107	102

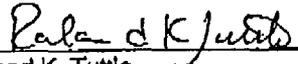
ND= NOT DETECTED

SYSTEM MONITORING COMPOUNDS

% Recovery

2-Fluorophenol	103
Phenol-d5	101
Nitrobenzene-d5	102
2-Fluorobiphenyl	103
2,4,6-Tribromophenol	101
Terphenyl-d14	105

Method: SW 846-8270,1311


Raland K. Tuttle

5/8/95
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

RECEIVED

MAY 11 1995

UCD HOBBS
OFFICE

BJ/WESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

RECEIVING DATE: 04/26/95
SAMPLE TYPE: SLUDGE
PROJECT #: 170R0603214LA
FIELD CODE: BJ/WEST TANK A-06

ANALYSIS DATE: 05/06/95
SAMPLING DATE: 04/24/95
SAMPLE CONDITION: INTACT

TCLP VOLATILES (ppm)	EPA LIMIT	ELT# 3948	DETECTION LIMIT	QC	%P	%IA	%EA
Vinyl chloride	0.20	ND	0.002	0.048	106	110	109
1,1-Dichloroethene	0.70	ND	0.002	0.051	99	101	104
Methyl Ethyl Ketone	200.00	ND	0.020	0.053	105	98	98
Chloroform	6.00	ND	0.002	0.052	104	106	101
1,2-Dichloroethane	0.50	ND	0.002	0.051	104	111	102
Benzene	0.50	ND	0.002	0.053	102	99	99
Carbon Tetrachloride	0.50	ND	0.002	0.054	102	103	108
Trichloroethene	0.50	ND	0.002	0.050	101	98	103
Tetrachloroethene	0.70	ND	0.002	0.051	101	102	104
Chlorobenzene	100.00	ND	0.002	0.051	102	99	101
1,4-Dichlorobenzene	7.50	ND	0.002	0.051	101	98	102

	% Recovery
1,2-Dichloroethane	102
Toluene-d8	105
4-Bromofluorobenzene	98

ND= Not Detected

Methods: EPA SW 846-8260, 1311

Raland K Tuttle
Raland K. Tuttle

5/8/95
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

BJ / WESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

RECEIVED
MAY 11 1995
OCD HOBBS
OFFICE

Receiving Date: 04/26/95
Sample Type: SLUDGE
Project #: 170R0603214LA
Field Code: BJWEST-TANK A-06

Analysis Date: 05/05/95
Sampling Date: 04/24/95
Sample Condition: Intact

Method SW 846-8260 (ppm)	ELT# 3948	BLANK	Detection Limit	%EA	%IA
Chloromethane	ND	ND	0.001	98	110
Vinyl Chloride	ND	ND	0.001	96	108
Bromomethane	ND	ND	0.001	99	101
Chloroethane	ND	ND	0.001	100	106
Trichlorofluoromethane	ND	ND	0.001	95	109
1,1-Dichloroethene	ND	ND	0.001	98	107
Methylene Chloride	ND	ND	0.001	97	102
trans-1,2-Dichloroethene	ND	ND	0.001	98	99
1,1-Dichloroethane	ND	ND	0.001	97	100
2,2-Dichloropropane	ND	ND	0.001	99	103
cis-1,2-Dichloroethene	ND	ND	0.001	98	104
Bromochloromethane	ND	ND	0.001	96	98
Chloroform	ND	ND	0.001	101	101
Dichlorodifluoromethane	ND	ND	0.001	99	104
1,1,1-Trichloroethane	ND	ND	0.001	94	103
Carbon Tetrachloride	ND	ND	0.001	96	101
1,1-Dichloropropene	ND	ND	0.001	97	105
Benzene	ND	ND	0.001	101	106
1,2-Dichloroethane	ND	ND	0.001	98	101
Trichloroethene	ND	ND	0.001	99	99
1,2-Dichloropropane	ND	ND	0.001	100	101
Dibromomethane	ND	ND	0.001	96	98
Bromodichloromethane	ND	ND	0.001	97	107
Dibromochloromethane	ND	ND	0.001	98	98
cis 1,3-Dichloropropene	ND	ND	0.001	101	97
Toluene	6.3	ND	0.001	99	92
trans 1,3-Dichloropropene	ND	ND	0.001	100	103
1,1,2-Trichloroethane	ND	ND	0.001	98	101
Tetrachloroethene	ND	ND	0.001	99	97
1,3-Dichloropropane	ND	ND	0.001	97	99
1,2-Dibromoethane	ND	ND	0.001	96	101
Chlorobenzene	ND	ND	0.001	97	103
1,1,1,2-Tetrachloroethane	ND	ND	0.001	98	99
Ethylbenzene	13.4	ND	0.001	104	109

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

RECEIVED

MAY 11 1995
 UCD HOBBS
 OFFICE

BJ / WESTERN
 MR. JIM FRAZER
 2708 W. COUNTY RD
 HOBBS, NM 88240
 FAX: 505-392-7307

Receiving Date: 04/26/95
 Sample Type: SLUDGE
 Project #: 170R0603214LA
 Field Code: BJWEST-TANK A-06

Analysis Date: 05/05/95
 Sampling Date: 04/24/95
 Sample Condition: Intact

Method SW 846-8260 (ppm)	ELT# 3948	BLANK	Detection Limit	%EA	%IA
m&p-Xylene	42.8	ND	0.001	101	109
o-Xylene	47.8	ND	0.001	99	103
Styrene	ND	ND	0.001	100	110
Bromoform	ND	ND	0.001	96	97
1,1,2,2-Tetrachloroethane	ND	ND	0.001	97	104
1,2,3-Trichloropropane	ND	ND	0.001	98	99
Isopropylbenzene	14.5	ND	0.001	99	98
Bromobenzene	ND	ND	0.001	100	96
n-Propylbenzene	62.0	ND	0.001	99	100
2-Chlorotoluene	ND	ND	0.001	97	112
4-Chlorotoluene	ND	ND	0.001	97	110
1,3,5-Trimethylbenzene	87.7	ND	0.001	96	98
tert-Butylbenzene	ND	ND	0.001	96	96
1,2,4-Trimethylbenzene	ND	ND	0.001	97	99
sec-Butylbenzene	27.8	ND	0.001	98	101
1,3-Dichlorobenzene	ND	ND	0.001	99	99
4-Isopropyltoluene	9.3	ND	0.001	101	100
1,4-Dichlorobenzene	ND	ND	0.001	97	101
1,2-Dichlorobenzene	ND	ND	0.001	98	100
n-Butylbenzene	48.4	ND	0.001	99	98
1,2-Dibromo-3-Chloropropane	ND	ND	0.001	98	99
1,2,3-Trichlorobenzene	ND	ND	0.001	96	101
Hexachlorobutadiene	ND	ND	0.001	97	96
Naphthalene	10.0	ND	0.001	98	103
1,2,4-Trichlorobenzene	ND	ND	0.001	99	105

System Monitoring Compounds	% Recovery
Dibromofluoromethane	97
Toluene-d8	103
4-Bromofluorobenzene	87

Raland K Tuttle
 Raland K. Tuttle

5/8/95
 Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

RECEIVED
MAY 11 1995
OCD HOBBS
OFFICE

BJ/WESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

Receiving Date: 04/26/95
Sample Type: SLUDGE
Project #: 170R0603214LA
FIELD CODE: BJWEST TANK A-06

Analysis Date: 05/07/95
Sampling Date: 04/24/95
Sample Condition: Intact

TCLP SEMIVOLATILE ORGANICS (ppm)	DETECTION LIMIT	ELT# 3948	BLANK	%EA	%IA
Pyridine	0.002	ND	ND	102	104
1,4-Dichlorobenzene	0.002	ND	ND	101	103
2-Methylphenol	0.002	ND	ND	99	98
Nitrobenzene	0.002	ND	ND	97	96
4-Methylphenol	0.002	ND	ND	100	103
Hexachloroethane	0.002	ND	ND	101	102
Hexachlorobutadiene	0.002	ND	ND	100	104
2,4,6-Trichlorophenol	0.002	ND	ND	101	106
2,4,5-Trichlorophenol	0.002	ND	ND	99	102
2,4-Dinitrotoluene	0.002	ND	ND	101	104
Hexachlorobenzene	0.002	ND	ND	105	101
Pentachlorophenol	0.002	ND	ND	107	102

ND= NOT DETECTED

SYSTEM MONITORING COMPOUNDS

% Recovery

2-Fluorophenol	101
Phenol-d5	103
Nitrobenzene-d5	99
2-Fluorobiphenyl	101
2,4,6-Tribromophenol	101
Terphenyl-d14	102

Method: SW 846-8270,1311

Raland K Tuttle
Raland K. Tuttle

5/8/95
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

RECEIVED

MAY 11 1995

JOD HOBBS
OFFICE

BJ/WESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

RECEIVING DATE: 04/26/95
SAMPLE TYPE: SLUDGE
PROJECT #: 170R0603214LA
FIELD CODE: BJ/WEST TANK A 07

ANALYSIS DATE: 05/06/95
SAMPLING DATE: 04/24/95
SAMPLE CONDITION: INTACT

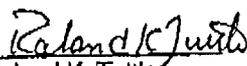
TCLP VOLATILES (ppm)	EPA LIMIT	ELT# 3949	DETECTION LIMIT	QC	%P	%IA	%EA
Vinyl chloride	0.20	ND	0.002	0.048	106	110	109
1,1-Dichloroethene	0.70	ND	0.002	0.051	99	101	104
Methyl Ethyl Ketone	200.00	ND	0.020	0.053	105	98	98
Chloroform	6.00	ND	0.002	0.052	104	106	101
1,2-Dichloroethane	0.50	ND	0.002	0.051	104	111	102
Benzene	0.50	ND	0.002	0.053	102	99	99
Carbon Tetrachloride	0.50	ND	0.002	0.054	102	103	108
Trichloroethene	0.50	ND	0.002	0.050	101	98	103
Tetrachloroethene	0.70	ND	0.002	0.051	101	102	104
Chlorobenzene	100.00	ND	0.002	0.051	102	99	101
1,4-Dichlorobenzene	7.50	ND	0.002	0.051	101	98	102

% Recovery

1,2-Dichloroethane 101
Toluene-d8 97
4-Bromofluorobenzene 103

ND= Not Detected

Methods: EPA SW 846-8260, 1311


Raland K. Tuttle

5/8/95
Date

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

MAY 11 '95 11:41

PAGE. 001

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

BJ / WESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

RECEIVED
MAY 11 1995
OOD HOBBS
OFFICE

Receiving Date: 04/26/95
Sample Type: liquid
Project #: 170R0603214LA
Field Code: BJWEST-TANK A-07

Analysis Date: 05/05/95
Sampling Date: 04/24/95
Sample Condition: Intact

Method SW 846-8260 (ppm)	ELT# 3949	BLANK	Detection Limit	%EA	%IA
Chloromethane	ND	ND	0.001	98	110
Vinyl Chloride	ND	ND	0.001	96	108
Bromomethane	ND	ND	0.001	99	101
Chloroethane	ND	ND	0.001	100	106
Trichlorofluoromethane	ND	ND	0.001	95	109
1,1-Dichloroethene	ND	ND	0.001	98	107
Methylene Chloride	ND	ND	0.001	97	102
trans-1,2-Dichloroethene	ND	ND	0.001	98	99
1,1-Dichloroethane	ND	ND	0.001	97	100
2,2-Dichloropropane	ND	ND	0.001	99	103
cis-1,2-Dichloroethene	ND	ND	0.001	98	104
Bromochloromethane	ND	ND	0.001	96	98
Chloroform	ND	ND	0.001	101	101
Dichlorodifluoromethane	ND	ND	0.001	99	104
1,1,1-Trichloroethane	ND	ND	0.001	94	103
Carbon Tetrachloride	ND	ND	0.001	96	101
1,1-Dichloropropene	ND	ND	0.001	97	105
Benzene	ND	ND	0.001	101	106
1,2-Dichloroethane	ND	ND	0.001	98	101
Trichloroethene	ND	ND	0.001	99	99
1,2-Dichloropropane	ND	ND	0.001	100	101
Dibromomethane	ND	ND	0.001	96	98
Bromodichloromethane	ND	ND	0.001	97	107
Dibromochloromethane	ND	ND	0.001	98	98
cis 1,3-Dichloropropene	ND	ND	0.001	101	97
Toluene	2.1	ND	0.001	99	92
trans 1,3-Dichloropropene	ND	ND	0.001	100	103
1,1,2-Trichloroethane	ND	ND	0.001	98	101
Tetrachloroethene	ND	ND	0.001	99	97
1,3-Dichloropropane	ND	ND	0.001	97	99
1,2-Dibromoethane	ND	ND	0.001	96	101
Chlorobenzene	ND	ND	0.001	97	103
1,1,1,2-Tetrachloroethane	ND	ND	0.001	98	99
Ethylbenzene	4.3	ND	0.001	104	109

BJ / WESTERN
 MR. JIM FRAZER
 2708 W. COUNTY RD
 HOBBS, NM 88240
 FAX: 505-392-7307

Receiving Date: 04/26/95
 Sample Type: liquid
 Project #: 170R0603214LA
 Field Code: BJWEST-TANK A-07

Analysis Date: 05/05/95
 Sampling Date: 04/24/95
 Sample Condition: Intact

RECEIVED

MAY 11 1995

BJ HOBBS
 OFFICE

Method SW 846-8260 (ppm)	ELT# 3949	BLANK	Detection Limit	%EA	%IA
m&p-Xylene	15.5	ND	0.001	101	109
o-Xylene	13.6	ND	0.001	99	103
Styrene	ND	ND	0.001	100	110
Bromoform	ND	ND	0.001	96	97
1,1,2,2-Tetrachloroethane	ND	ND	0.001	97	104
1,2,3-Trichloropropane	ND	ND	0.001	98	99
Isopropylbenzene	2.8	ND	0.001	99	98
Bromobenzene	ND	ND	0.001	100	96
n-Propylbenzene	9.2	ND	0.001	99	100
2-Chlorotoluene	ND	ND	0.001	97	112
4-Chlorotoluene	ND	ND	0.001	97	110
1,3,5-Trimethylbenzene	9.7	ND	0.001	96	98
tert-Butylbenzene	ND	ND	0.001	96	96
1,2,4-Trimethylbenzene	ND	ND	0.001	97	99
sec-Butylbenzene	2.8	ND	0.001	98	101
1,3-Dichlorobenzene	ND	ND	0.001	99	99
4-Isopropyltoluene	1.1	ND	0.001	101	100
1,4-Dichlorobenzene	ND	ND	0.001	97	101
1,2-Dichlorobenzene	ND	ND	0.001	98	100
n-Butylbenzene	5.1	ND	0.001	99	98
1,2-Dibromo-3-Chloropropane	ND	ND	0.001	98	99
1,2,3-Trichlorobenzene	ND	ND	0.001	96	101
Hexachlorobutadiene	ND	ND	0.001	97	96
Naphthalene	15.0	ND	0.001	98	103
1,2,4-Trichlorobenzene	ND	ND	0.001	99	105

System Monitoring Compounds

% Recovery

Dibromofluoromethane
 Toluene-d8
 4-Bromofluorobenzene

95
 102
 92

Raland K Tuttle
 Raland K. Tuttle

5/8/95
 Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

RECEIVED

MAY 11 1995

**OOD HOBBS
OFFICE**

BJ/WESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

Receiving Date: 04/26/95
Sample Type: SLUDGE
Project #: 170R0603214LA
FIELD CODE: BJWEST TANK A-07

Analysis Date: 05/07/95
Sampling Date: 04/24/95
Sample Condition: Intact

TCLP SEMIVOLATILE ORGANICS (ppm)	DETECTION LIMIT	ELT# 3949	BLANK	%EA	%IA
Pyridine	0.002	ND	ND	102	104
1,4-Dichlorobenzene	0.002	ND	ND	101	103
2-Methylphenol	0.002	ND	ND	99	98
Nitrobenzene	0.002	ND	ND	97	96
4-Methylphenol	0.002	ND	ND	100	103
Hexachloroethane	0.002	ND	ND	101	102
Hexachlorobutadiene	0.002	ND	ND	100	104
2,4,6-Trichlorophenol	0.002	ND	ND	101	106
2,4,5-Trichlorophenol	0.002	ND	ND	99	102
2,4-Dinitrotoluene	0.002	ND	ND	101	104
Hexachlorobenzene	0.002	ND	ND	105	101
Pentachlorophenol	0.002	ND	ND	107	102

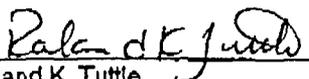
ND= NOT DETECTED

SYSTEM MONITORING COMPOUNDS

% Recovery

2-Fluorophenol	109
Phenol-d5	102
Nitrobenzene-d5	106
2-Fluorobiphenyl	110
2,4,6-Tribromophenol	112
Tarphenyl-d14	109

Method: SW 846-8270.1311


Raland K. Tuttle

5/8/95
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

RECEIVED

MAY 11 1995

OOD HOBBS
OFFICE

BJ/WESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

RECEIVING DATE: 04/26/95
SAMPLE TYPE: SLUDGE
PROJECT #: 170R0603214LA
FIELD CODE: BJ/WEST TANK B-08

ANALYSIS DATE: 05/06/95
SAMPLING DATE: 04/24/95
SAMPLE CONDITION: INTACT

TCLP VOLATILES (ppm)	EPA LIMIT	ELT# 3950	DETECTION LIMIT	QC	%P	%IA	%EA
Vinyl chloride	0.20	ND	0.002	0.048	106	110	109
1,1-Dichloroethene	0.70	ND	0.002	0.051	99	101	104
Methyl Ethyl Ketone	200.00	ND	0.020	0.053	105	98	98
Chloroform	6.00	ND	0.002	0.052	104	106	101
1,2-Dichloroethane	0.50	ND	0.002	0.051	104	111	102
Benzene	0.50	ND	0.002	0.053	102	99	99
Carbon Tetrachloride	0.50	ND	0.002	0.054	102	103	108
Trichloroethene	0.50	ND	0.002	0.050	101	98	103
Tetrachloroethene	0.70	ND	0.002	0.051	101	102	104
Chlorobenzene	100.00	ND	0.002	0.051	102	99	101
1,4-Dichlorobenzene	7.50	ND	0.002	0.051	101	98	102

	% Recovery
1,2-Dichloroethane	101
Toluene-d8	98
4-Bromofluorobenzene	97

ND= Not Detected

Methods: EPA SW 846-8260, 1311

Raland K Tuttle
Raland K. Tuttle

5/8/95
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

BJ / WESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

RECEIVED

MAY 11 1995

JCD HOBBS
OFFICE

Receiving Date: 04/26/95
Sample Type: liquid
Project #: 170R0603214LA
Field Code: BJWEST-TANK B-08

Analysis Date: 05/05/95
Sampling Date: 04/24/95
Sample Condition: Intact

Method SW 846-8260 (ppm)	ELT# 3950	BLANK	Detection Limit	%EA	%IA
Chloromethane	ND	ND	0.001	98	110
Vinyl Chloride	ND	ND	0.001	96	108
Bromomethane	ND	ND	0.001	99	101
Chloroethane	ND	ND	0.001	100	106
Trichlorofluoromethane	ND	ND	0.001	95	109
1,1-Dichloroethene	ND	ND	0.001	98	107
Methylene Chloride	ND	ND	0.001	97	102
trans-1,2-Dichloroethene	ND	ND	0.001	98	99
1,1-Dichloroethane	ND	ND	0.001	97	100
2,2-Dichloropropane	ND	ND	0.001	99	103
cis-1,2-Dichloroethene	ND	ND	0.001	98	104
Bromochloromethane	ND	ND	0.001	96	98
Chloroform	ND	ND	0.001	101	101
Dichlorodifluoromethane	ND	ND	0.001	99	104
1,1,1-Trichloroethane	ND	ND	0.001	94	103
Carbon Tetrachloride	ND	ND	0.001	96	101
1,1-Dichloropropene	ND	ND	0.001	97	105
Benzene	ND	ND	0.001	101	106
1,2-Dichloroethane	ND	ND	0.001	98	101
Trichloroethene	ND	ND	0.001	99	99
1,2-Dichloropropane	ND	ND	0.001	100	101
Dibromomethane	ND	ND	0.001	96	98
Bromodichloromethane	ND	ND	0.001	97	107
Dibromochloromethane	ND	ND	0.001	98	98
cis 1,3-Dichloropropene	ND	ND	0.001	101	97
Toluene	25.0	ND	0.001	99	92
trans 1,3-Dichloropropene	ND	ND	0.001	100	103
1,1,2-Trichloroethane	ND	ND	0.001	98	101
Tetrachloroethene	ND	ND	0.001	99	97
1,3-Dichloropropane	ND	ND	0.001	97	99
1,2-Dibromoethane	ND	ND	0.001	96	101
Chlorobenzene	ND	ND	0.001	97	103
1,1,1,2-Tetrachloroethane	ND	ND	0.001	98	99
Ethylbenzene	27.0	ND	0.001	104	109

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

RECEIVED

MAY 11 1995

O O D HOBBS
OFFICEBJ/WESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307Receiving Date: 04/26/95
Sample Type: liquid
Project #: 170R0603214LA
Field Code: BJWEST-TANK B-08Analysis Date: 05/05/95
Sampling Date: 04/24/95
Sample Condition: Intact

Method SW 846-8260 (ppm)	ELT# 3950	BLANK	Detection Limit	%EA	%IA
m&p-Xylene	69.7	ND	0.001	101	109
o-Xylene	53.5	ND	0.001	99	103
Styrene	ND	ND	0.001	100	110
Bromoform	ND	ND	0.001	96	97
1,1,2,2-Tetrachloroethane	ND	ND	0.001	97	104
1,2,3-Trichloropropane	ND	ND	0.001	98	99
Isopropylbenzene	28.6	ND	0.001	99	98
Bromobenzene	ND	ND	0.001	100	96
n-Propylbenzene	138.0	ND	0.001	99	100
2-Chlorotoluene	ND	ND	0.001	97	112
4-Chlorotoluene	ND	ND	0.001	97	110
1,3,5-Trimethylbenzene	185.0	ND	0.001	96	98
tert-Butylbenzene	ND	ND	0.001	96	96
1,2,4-Trimethylbenzene	ND	ND	0.001	97	99
sec-Butylbenzene	90.0	ND	0.001	98	101
1,3-Dichlorobenzene	ND	ND	0.001	99	99
4-Isopropyltoluene	34.0	ND	0.001	101	100
1,4-Dichlorobenzene	ND	ND	0.001	97	101
1,2-Dichlorobenzene	ND	ND	0.001	98	100
n-Butylbenzene	139.0	ND	0.001	99	98
1,2-Dibromo-3-Chloropropane	ND	ND	0.001	98	99
1,2,3-Trichlorobenzene	ND	ND	0.001	96	101
Hexachlorobutadiene	ND	ND	0.001	97	96
Naphthalene	160.0	ND	0.001	98	103
1,2,4-Trichlorobenzene	ND	ND	0.001	99	105

System Monitoring Compounds % Recovery

Dibromofluoromethane	96
Toluene-d8	103
4-Bromofluorobenzene	88

Raland K. Tuttle
Raland K. Tuttle

5/8/95
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

RECEIVED

MAY 11 1995

JOE HOBBS
OFFICE

BJ/WESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

Receiving Date: 04/26/95
Sample Type: SLUDGE
Project #: 170R0603214LA
FIELD CODE: BJWEST TANK B-08

Analysis Date: 05/07/95
Sampling Date: 04/24/95
Sample Condition: Intact

TCLP SEMIVOLATILE ORGANICS (ppm)	DETECTION LIMIT	ELT# 3950	BLANK	%EA	%IA
Pyridine	0.002	ND	ND	102	104
1,4-Dichlorobenzene	0.002	ND	ND	101	103
2-Methylphenol	0.002	ND	ND	99	98
Nitrobenzene	0.002	ND	ND	97	96
4-Methylphenol	0.002	ND	ND	100	103
Hexachloroethane	0.002	ND	ND	101	102
Hexachlorobutadiene	0.002	ND	ND	100	104
2,4,6-Trichlorophenol	0.002	ND	ND	101	106
2,4,5-Trichlorophenol	0.002	ND	ND	99	102
2,4-Dinitrotoluene	0.002	ND	ND	101	104
Hexachlorobenzene	0.002	ND	ND	105	101
Pentachlorophenol	0.002	ND	ND	107	102

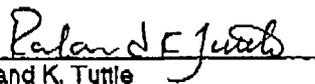
ND= NOT DETECTED

SYSTEM MONITORING COMPOUNDS

% Recovery

2-Fluorophenol	108
Phenol-d5	103
Nitrobenzene-d5	101
2-Fluorobiphenyl	100
2,4,6-Tribromophenol	99
Terphenyl-d14	98

Method: SW 846-8270,1311


Raland K. Tuttle

5/8/95
Date

RECEIVED

MAY 11 1995

OCD HOBBS
OFFICE

BJ / WESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

Receiving Date: 04/26/95
Sample Type: SLUDGE
Project #: 170R0603214LA
Field Code: BJWEST-SANDTRAP-02

Analysis Date: 05/05/95
Sampling Date: 04/24/95
Sample Condition: Intact

Method SW 846-8260 (ppm)	ELT# 3944	BLANK	Detection Limit	%EA	%IA
m&p-Xylene	16.5	ND	0.001	101	109
o-Xylene	22.9	ND	0.001	99	103
Styrene	ND	ND	0.001	100	110
Bromoform	ND	ND	0.001	96	97
1,1,2,2-Tetrachloroethane	ND	ND	0.001	97	104
1,2,3-Trichloropropane	ND	ND	0.001	98	99
Isopropylbenzene	5.9	ND	0.001	99	98
Bromobenzene	ND	ND	0.001	100	96
n-Propylbenzene	18.6	ND	0.001	99	100
2-Chlorotoluene	ND	ND	0.001	97	112
4-Chlorotoluene	ND	ND	0.001	97	110
1,3,5-Trimethylbenzene	16.8	ND	0.001	96	98
tert-Butylbenzene	ND	ND	0.001	96	96
1,2,4-Trimethylbenzene	ND	ND	0.001	97	99
sec-Butylbenzene	4.8	ND	0.001	98	101
1,3-Dichlorobenzene	ND	ND	0.001	99	99
4-Isopropyltoluene	1.8	ND	0.001	101	100
1,4-Dichlorobenzene	ND	ND	0.001	97	101
1,2-Dichlorobenzene	ND	ND	0.001	98	100
n-Butylbenzene	9.0	ND	0.001	99	98
1,2-Dibromo-3-Chloropropane	ND	ND	0.001	98	99
1,2,3-Trichlorobenzene	ND	ND	0.001	96	101
Hexachlorobutadiene	ND	ND	0.001	97	96
Naphthalene	42.5	ND	0.001	98	103
1,2,4-Trichlorobenzene	ND	ND	0.001	99	105

System Monitoring Compounds

% Recovery

Dibromofluoromethane
Toluene-d8
4-Bromofluorobenzene

98
104
90

Raland K Tuttle
Raland K. Tuttle

5/8/95
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

BJ/WESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

RECEIVED
MAY 11 1995
OCD HOBBS
OFFICE

Receiving Date: 04/26/95
Sample Type: SLUDGE
Project #: 170R0603214LA
FIELD CODE: BJWEST SANDTRAP-02

Analysis Date: 05/07/95
Sampling Date: 04/24/95
Sample Condition: Intact

TCLP SEMIVOLATILE ORGANICS (ppm)	DETECTION LIMIT	ELT# 3944	BLANK	%EA	%IA
Pyridine	0.002	ND	ND	102	104
1,4-Dichlorobenzene	0.002	ND	ND	101	103
2-Methylphenol	0.002	ND	ND	99	98
Nitrobenzene	0.002	ND	ND	97	96
4-Methylphenol	0.002	ND	ND	100	103
Hexachloroethane	0.002	ND	ND	101	102
Hexachlorobutadiene	0.002	ND	ND	100	104
2,4,6-Trichlorophenol	0.002	ND	ND	101	106
2,4,5-Trichlorophenol	0.002	ND	ND	99	102
2,4-Dinitrotoluene	0.002	ND	ND	101	104
Hexachlorobenzene	0.002	ND	ND	105	101
Pentachlorophenol	0.002	ND	ND	107	102

ND= NOT DETECTED

SYSTEM MONITORING COMPOUNDS

% Recovery

2-Fluorophenol
Phenol-d5
Nitrobenzene-d5
2-Fluorobiphenyl
2,4,6-Tribromophenol
Terphenyl-d14

102
105
106
89
101
101

Method: SW 846-8270.1311

Raland K Tuttle
Raland K. Tuttle

5/8/95
Date

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

RECEIVED

MAY 11 1995

UCC HOBBS
OFFICE

BJ/WESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

Receiving Date: 04/26/95
Sample Type: liquid
Project #: 170R0603214LA
Field Code: BJWEST-TANK B-09

Analysis Date: 05/05/95
Sampling Date: 04/24/95
Sample Condition: Intact

Method SW 846-8260 (ppm)	ELT# 3951	BLANK	Detection Limit	%EA	%IA
m&p-Xylene	98.0	ND	0.001	101	109
o-Xylene	72.0	ND	0.001	99	103
Styrene	ND	ND	0.001	100	110
Bromoform	ND	ND	0.001	96	97
1,1,2,2-Tetrachloroethane	ND	ND	0.001	97	104
1,2,3-Trichloropropane	ND	ND	0.001	98	99
Isopropylbenzene	81.0	ND	0.001	99	98
Bromobenzene	ND	ND	0.001	100	96
n-Propylbenzene	32.5	ND	0.001	99	100
2-Chlorotoluene	ND	ND	0.001	97	112
4-Chlorotoluene	ND	ND	0.001	97	110
1,3,5-Trimethylbenzene	45.3	ND	0.001	96	98
tert-Butylbenzene	ND	ND	0.001	96	96
1,2,4-Trimethylbenzene	ND	ND	0.001	97	99
sec-Butylbenzene	14.3	ND	0.001	98	101
1,3-Dichlorobenzene	ND	ND	0.001	99	99
4-Isopropyltoluene	5.2	ND	0.001	101	100
1,4-Dichlorobenzene	ND	ND	0.001	97	101
1,2-Dichlorobenzene	ND	ND	0.001	98	100
n-Butylbenzene	10.0	ND	0.001	99	98
1,2-Dibromo-3-Chloropropane	ND	ND	0.001	98	99
1,2,3-Trichlorobenzene	ND	ND	0.001	96	101
Hexachlorobutadiene	ND	ND	0.001	97	96
Naphthalene	2.8	ND	0.001	98	103
1,2,4-Trichlorobenzene	ND	ND	0.001	99	105

System Monitoring Compounds

% Recovery

Dibromofluoromethane	110
Toluene-d8	110
4-Bromofluorobenzene	95

Roland K Tuttle
Roland K. Tuttle

5/8/95
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

RECEIVED

MAY 11 1995

OOD HOBBS
OFFICE

BJ/WESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

Receiving Date: 04/26/95
Sample Type: SLUDGE
Project #: 170R0603214LA
FIELD CODE: BJWEST TANK B-09

Analysis Date: 05/07/95
Sampling Date: 04/24/95
Sample Condition: Intact

TCLP SEMIVOLATILE ORGANICS (ppm)	DETECTION LIMIT	ELT# 3951	BLANK	%EA	%IA
Pyridine	0.002	ND	ND	102	104
1,4-Dichlorobenzene	0.002	ND	ND	101	103
2-Methylphenol	0.002	ND	ND	99	98
Nitrobenzene	0.002	ND	ND	97	96
4-Methylphenol	0.002	ND	ND	100	103
Hexachloroethane	0.002	ND	ND	101	102
Hexachlorobutadiene	0.002	ND	ND	100	104
2,4,6-Trichlorophenol	0.002	ND	ND	101	106
2,4,5-Trichlorophenol	0.002	ND	ND	99	102
2,4-Dinitrotoluene	0.002	ND	ND	101	104
Hexachlorobenzene	0.002	ND	ND	105	101
Pentachlorophenol	0.002	ND	ND	107	102

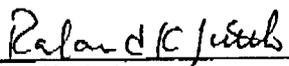
ND= NOT DETECTED

SYSTEM MONITORING COMPOUNDS

% Recovery

2-Fluorophenol	106
Phenol-d5	101
Nitrobenzene-d5	99
2-Fluorobiphenyl	103
2,4,6-Tribromophenol	102
Terphenyl-d14	101

Method: SW 846-8270,1311


Raland K. Tuttle

5/8/95
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

RECEIVED

MAY 11 1995

U C D HOBBS OFFICE

BJ/WESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

RECEIVING DATE: 04/26/95
SAMPLE TYPE: SLUDGE
PROJECT #: 170R0603214LA
FIELD CODE: BJWEST TANK C-10

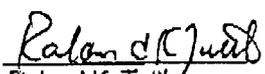
ANALYSIS DATE: 05/06/95
SAMPLING DATE: 04/24/95
SAMPLE CONDITION: INTACT

TCLP VOLATILES (ppm)	EPA LIMIT	ELT# 3952	DETECTION LIMIT	QC	%P	%IA	%EA
Vinyl chloride	0.20	ND	0.002	0.048	106	110	109
1,1-Dichloroethene	0.70	ND	0.002	0.051	99	101	104
Methyl Ethyl Ketone	200.00	ND	0.020	0.053	105	98	98
Chloroform	6.00	ND	0.002	0.052	104	106	101
1,2-Dichloroethane	0.50	ND	0.002	0.051	104	111	102
Benzene	0.50	ND	0.002	0.053	102	99	99
Carbon Tetrachloride	0.50	ND	0.002	0.054	102	103	108
Trichloroethene	0.50	ND	0.002	0.050	101	98	103
Tetrachloroethene	0.70	ND	0.002	0.051	101	102	104
Chlorobenzene	100.00	ND	0.002	0.051	102	99	101
1,4-Dichlorobenzene	7.50	ND	0.002	0.051	101	98	102

	% Recovery
1,2-Dichloroethane	99
Toluene-d8	101
4-Bromofluorobenzene	103

ND= Not Detected

Methods: EPA SW 846-8260, 1311


Raland K. Tuttle

5/8/95
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

BJ / WESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

RECEIVED

MAY 11 1995

ODD HUBBS
OFFICE

Receiving Date: 04/26/95
Sample Type: liquid
Project #: 170R0603214LA
Field Code: BJWEST-TANK C-10

Analysis Date: 05/05/95
Sampling Date: 04/24/95
Sample Condition: Intact

Method SW 846-8260 (ppm)	ELT# 3952	BLANK	Detection Limit	%EA	%IA
Chloromethane	ND	ND	0.001	98	110
Vinyl Chloride	ND	ND	0.001	96	108
Bromomethane	ND	ND	0.001	99	101
Chloroethane	ND	ND	0.001	100	106
Trichlorofluoromethane	ND	ND	0.001	95	109
1,1-Dichloroethene	ND	ND	0.001	98	107
Methylene Chloride	ND	ND	0.001	97	102
trans-1,2-Dichloroethene	ND	ND	0.001	98	99
1,1-Dichloroethane	ND	ND	0.001	97	100
2,2-Dichloropropane	ND	ND	0.001	99	103
cis-1,2-Dichloroethene	ND	ND	0.001	98	104
Bromochloromethane	ND	ND	0.001	96	98
Chloroform	ND	ND	0.001	101	101
Dichlorodifluoromethane	ND	ND	0.001	99	104
1,1,1-Trichloroethane	ND	ND	0.001	94	103
Carbon Tetrachloride	ND	ND	0.001	96	101
1,1-Dichloropropene	ND	ND	0.001	97	105
Benzene	ND	ND	0.001	101	106
1,2-Dichloroethane	ND	ND	0.001	98	101
Trichloroethene	ND	ND	0.001	99	99
1,2-Dichloropropane	ND	ND	0.001	100	101
Dibromomethane	ND	ND	0.001	96	98
Bromodichloromethane	ND	ND	0.001	97	107
Dibromochloromethane	ND	ND	0.001	98	98
cis 1,3-Dichloropropene	ND	ND	0.001	101	97
Toluene	37.0	ND	0.001	99	92
trans 1,3-Dichloropropene	ND	ND	0.001	100	103
1,1,2-Trichloroethane	ND	ND	0.001	98	101
Tetrachloroethene	ND	ND	0.001	99	97
1,3-Dichloropropane	ND	ND	0.001	97	99
1,2-Dibromoethane	ND	ND	0.001	96	101
Chlorobenzene	ND	ND	0.001	97	103
1,1,1,2-Tetrachloroethane	ND	ND	0.001	98	99
Ethylbenzene	6.0	ND	0.001	104	109

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

RECEIVED

MAY 11 1995

UCD HOBBS
OFFICEBJ / WESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307Receiving Date: 04/26/95
Sample Type: liquid
Project #: 170R0603214LA
Field Code: BJWEST-TANK C-10Analysis Date: 05/05/95
Sampling Date: 04/24/95
Sample Condition: Intact

Method SW 846-8260 (ppm)	ELT# 3952	BLANK	Detection Limit	%EA	%IA
m&p-Xylene	17.6	ND	0.001	101	109
o-Xylene	14.6	ND	0.001	99	103
Styrene	ND	ND	0.001	100	110
Bromoform	ND	ND	0.001	96	97
1,1,2,2-Tetrachloroethane	ND	ND	0.001	97	104
1,2,3-Trichloropropane	ND	ND	0.001	98	99
Isopropylbenzene	8.6	ND	0.001	99	98
Bromobenzene	ND	ND	0.001	100	96
n-Propylbenzene	49.0	ND	0.001	99	100
2-Chlorotoluene	ND	ND	0.001	97	112
4-Chlorotoluene	ND	ND	0.001	97	110
1,3,5-Trimethylbenzene	82.0	ND	0.001	96	98
tert-Butylbenzene	ND	ND	0.001	96	96
1,2,4-Trimethylbenzene	ND	ND	0.001	97	99
sec-Butylbenzene	45.0	ND	0.001	98	101
1,3-Dichlorobenzene	ND	ND	0.001	99	99
4-Isopropyltoluene	20.0	ND	0.001	101	100
1,4-Dichlorobenzene	ND	ND	0.001	97	101
1,2-Dichlorobenzene	ND	ND	0.001	98	100
n-Butylbenzene	90.0	ND	0.001	99	98
1,2-Dibromo-3-Chloropropane	ND	ND	0.001	98	99
1,2,3-Trichlorobenzene	ND	ND	0.001	96	101
Hexachlorobutadiene	ND	ND	0.001	97	96
Naphthalene	13.0	ND	0.001	98	103
1,2,4-Trichlorobenzene	ND	ND	0.001	99	105

System Monitoring Compounds

% Recovery

Dibromofluoromethane
Toluene-d8
4-Bromofluorobenzene96
104
97Raland K Tuttle
Raland K. Tuttle5/8/95
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

RECEIVED

MAY 11 1995

**JOE HOBBS
OFFICE**

BJ/ WESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

Receiving Date: 04/26/95
Sample Type: SLUDGE
Project #: 170R0603214LA
FIELD CODE: BJWEST TANK C-10

Analysis Date: 05/07/95
Sampling Date: 04/24/95
Sample Condition: Intact

TCLP SEMIVOLATILE ORGANICS (ppm)	DETECTION LIMIT	ELT# 3952	BLANK	%EA	%IA
Pyridine	0.002	ND	ND	102	104
1,4-Dichlorobenzene	0.002	ND	ND	101	103
2-Methylphenol	0.002	ND	ND	99	98
Nitrobenzene	0.002	ND	ND	97	96
4-Methylphenol	0.002	ND	ND	100	103
Hexachloroethane	0.002	ND	ND	101	102
Hexachlorobutadiene	0.002	ND	ND	100	104
2,4,6-Trichlorophenol	0.002	ND	ND	101	106
2,4,5-Trichlorophenol	0.002	ND	ND	99	102
2,4-Dinitrotoluene	0.002	ND	ND	101	104
Hexachlorobenzene	0.002	ND	ND	105	101
Pentachlorophenol	0.002	ND	ND	107	102

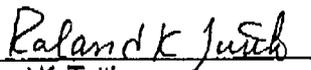
ND= NOT DETECTED

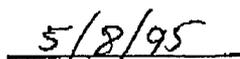
SYSTEM MONITORING COMPOUNDS

% Recovery

2-Fluorophenol	105
Phenol-d5	101
Nitrobenzene-d5	99
2-Fluorobiphenyl	97
2,4,6-Tribromophenol	98
Terphenyl-d14	98

Method: SW 846-8270,1311


Raland K. Tuttle


Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

RECEIVED

MAY 11 1995

U C D HOBBS
OFFICE

BJ/WESTERN
ATTN: MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

RECEIVING DATE: 04/26/95
SAMPLE TYPE: LIQUID
PROJECT #: 170R0603214LA
PROJECT LOCATION: BJ/WESTERN, HOBBS, NM

ANALYSIS DATE: 05/10/95
SAMPLING DATE: 04/25/95
SAMPLE CONDITION: INTACT
FIELD CODE: TANK C-11

TCLP VOLATILES (ppm)	EPA LIMIT	ELT# 3953	DETECTION LIMIT	%P	%IA	%EA
Vinyl chloride	0.20	ND	0.002	104	108	102
1,1-Dichloroethene	0.70	ND	0.002	102	100	105
Methyl Ethyl Ketone	200.00	ND	0.001	97	82	96
Chloroform	6.00	ND	0.020	102	104	107
1,2-Dichloroethane	0.50	ND	0.002	102	104	108
Benzene	0.50	ND	0.002	101	104	105
Carbon Tetrachloride	0.50	ND	0.020	102	104	111
Trichloroethene	0.50	ND	0.002	102	104	108
Tetrachloroethene	0.70	ND	0.002	101	104	107
Chlorobenzene	100.00	ND	0.002	101	102	105
1,4-Dichlorobenzene	7.50	ND	0.002	101	102	104

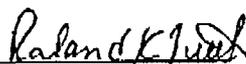
% Recovery

1,2-Dichloroethane	102
Toluene-d8	99
4-Bromofluorobenzene	100

ND= Not Detected

Methods: EPA SW 846-8240, 1311

NOTE: MATRIX EFFECTS REQUIRED DILUTION OF SAMPLE BEYOND EPA REGULATORY LIMITS.


Roland K. Tuttle

5/11/95
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

BJ / WESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

RECEIVED

MAY 11 1995

JCD HOBBS
OFFICE

Receiving Date: 04/26/95
Sample Type: liquid
Project #: 170R0603214LA
Field Code: BJWEST-TANK C-11

Analysis Date: 05/05/95
Sampling Date: 04/24/95
Sample Condition: Intact

Method SW 846-8260 (ppm)	ELT# 3953	BLANK	Detection Limit	%EA	%IA
Chloromethane	ND	ND	0.001	98	110
Vinyl Chloride	ND	ND	0.001	96	108
Bromomethane	ND	ND	0.001	99	101
Chloroethane	ND	ND	0.001	100	106
Trichlorofluoromethane	ND	ND	0.001	95	109
1,1-Dichloroethene	ND	ND	0.001	98	107
Methylene Chloride	ND	ND	0.001	97	102
trans-1,2-Dichloroethene	ND	ND	0.001	98	99
1,1-Dichloroethane	ND	ND	0.001	97	100
2,2-Dichloropropane	ND	ND	0.001	99	103
cis-1,2-Dichloroethene	ND	ND	0.001	98	104
Bromochloromethane	ND	ND	0.001	96	98
Chloroform	ND	ND	0.001	101	101
Dichlorodifluoromethane	ND	ND	0.001	99	104
1,1,1-Trichloroethane	ND	ND	0.001	94	103
Carbon Tetrachloride	ND	ND	0.001	96	101
1,1-Dichloropropene	ND	ND	0.001	97	105
Benzene	ND	ND	0.001	101	106
1,2-Dichloroethane	ND	ND	0.001	98	101
Trichloroethene	ND	ND	0.001	99	99
1,2-Dichloropropane	ND	ND	0.001	100	101
Dibromomethane	ND	ND	0.001	96	98
Bromodichloromethane	ND	ND	0.001	97	107
Dibromochloromethane	ND	ND	0.001	98	98
cis 1,3-Dichloropropene	ND	ND	0.001	101	97
Toluene	2.5	ND	0.001	99	92
trans 1,3-Dichloropropene	ND	ND	0.001	100	103
1,1,2-Trichloroethane	ND	ND	0.001	98	101
Tetrachloroethene	ND	ND	0.001	99	97
1,3-Dichloropropane	ND	ND	0.001	97	99
1,2-Dibromoethane	ND	ND	0.001	96	101
Chlorobenzene	ND	ND	0.001	97	103
1,1,1,2-Tetrachloroethane	ND	ND	0.001	98	99
Ethylbenzene	1.8	ND	0.001	104	109

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

RECEIVED

MAY 11 1995

UCD HOBBS
OFFICEBJ/WESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307Receiving Date: 04/26/95
Sample Type: liquid
Project #: 170R0603214LA
Field Code: BJWEST-TANK C-11Analysis Date: 05/05/95
Sampling Date: 04/24/95
Sample Condition: Intact

Method SW 846-8260 (ppm)	ELT# 3953	BLANK	Detection Limit	%EA	%IA
m&p-Xylene	5.5	ND	0.001	101	109
o-Xylene	3.7	ND	0.001	99	103
Styrene	ND	ND	0.001	100	110
Bromoform	ND	ND	0.001	96	97
1,1,2,2-Tetrachloroethane	ND	ND	0.001	97	104
1,2,3-Trichloropropane	ND	ND	0.001	98	99
Isopropylbenzene	1.8	ND	0.001	99	98
Bromobenzene	ND	ND	0.001	100	96
n-Propylbenzene	8.4	ND	0.001	99	100
2-Chlorotoluene	ND	ND	0.001	97	112
4-Chlorotoluene	ND	ND	0.001	97	110
1,3,5-Trimethylbenzene	13.0	ND	0.001	96	98
tert-Butylbenzene	ND	ND	0.001	96	96
1,2,4-Trimethylbenzene	ND	ND	0.001	97	99
sec-Butylbenzene	6.8	ND	0.001	98	101
1,3-Dichlorobenzene	ND	ND	0.001	99	99
4-Isopropyltoluene	3.0	ND	0.001	101	100
1,4-Dichlorobenzene	ND	ND	0.001	97	101
1,2-Dichlorobenzene	ND	ND	0.001	98	100
n-Butylbenzene	12.0	ND	0.001	99	98
1,2-Dibromo-3-Chloropropane	ND	ND	0.001	98	99
1,2,3-Trichlorobenzene	ND	ND	0.001	96	101
Hexachlorobutadiene	ND	ND	0.001	97	96
Naphthalene	5.0	ND	0.001	98	103
1,2,4-Trichlorobenzene	ND	ND	0.001	99	105

System Monitoring Compounds

% Recovery

Dibromofluoromethane
Toluene-d8
4-Bromofluorobenzene97
102
88

Raland K Tuttle
Raland K. Tuttle

5/8/95
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

RECEIVED
MAY 11 1995
OCD HOBBS
OFFICE

BJ/WESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

Receiving Date: 04/26/95
Sample Type: SLUDGE
Project #: 170R0603214LA
FIELD CODE: BJWEST TANK C-11

Analysis Date: 05/07/95
Sampling Date: 04/24/95
Sample Condition: Intact

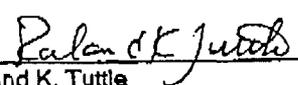
TCLP SEMIVOLATILE ORGANICS (ppm)	DETECTION LIMIT	ELT# 3953	BLANK	%EA	%IA
Pyridine	0.002	ND	ND	102	104
1,4-Dichlorobenzene	0.002	ND	ND	101	103
2-Methylphenol	0.002	ND	ND	99	98
Nitrobenzene	0.002	ND	ND	97	96
4-Methylphenol	0.002	ND	ND	100	103
Hexachloroethane	0.002	ND	ND	101	102
Hexachlorobutadiene	0.002	ND	ND	100	104
2,4,6-Trichlorophenol	0.002	ND	ND	101	106
2,4,5-Trichlorophenol	0.002	ND	ND	99	102
2,4-Dinitrotoluene	0.002	ND	ND	101	104
Hexachlorobenzene	0.002	ND	ND	105	101
Pentachlorophenol	0.002	ND	ND	107	102

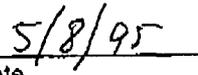
ND= NOT DETECTED

SYSTEM MONITORING COMPOUNDS

	% Recovery
2-Fluorophenol	103
Phenol-d5	101
Nitrobenzene-d5	98
2-Fluorobiphenyl	102
2,4,6-Tribromophenol	100
Terphenyl-d14	104

Method: SW 846-8270.1311


Roland K. Tuttle


Date



PDP Analytical Services

1680 Lake Front Circle, Suite B • The Woodlands, Texas 77380 • Phone (713) 363-2233 • Fax (713) 298-5784

Chain of Custody Record

SHEET 1 OF 2

Client Name / Address: **PEC ENVIRONMENTAL MGT. INC.**
350 N. ST. PAUL ST. SUITE 2600
DALLAS, TX 75201 (214) 754-8765

Project Number: **170R66032141A**
Project Name: **BI/WESTERN COMPANY**
ADDBS, NEW MEXICO

Supplier (Signature): *[Signature]*
Supplier (Name): **WASTE SOLUTIONS**
Station Location: **BIWEST-OUTSUMP-01**

Site No.	Date	Time	Comp.	Grab	Station Location	Number of Containers	Matrix	TOTAL VOA	TCLP VOA	TCLP ABN	TCLP METALS	IGNITABILITY	CORROSIVITY	SPECIFIC GRAVITY	Remarks
01	4/24/95	1250		X	BIWEST-OUTSUMP-01	6	WASTE SLUDGE	X	X	X	X	X	X	X	MS/MSD
02		1325		X	BIWEST-SANDTRAP-02	12	WASTE LIQUID	X	X	X	X	X	X	X	MS/MSD
03		1355		X	BIWEST-SANDTRAP-03	5	WASTE LIQUID	X	X	X	X	X	X	X	MS/MSD
04		1400		X	BIWEST-SANDTRAP-04	12	WASTE SLUDGE	X	X	X	X	X	X	X	MS/MSD
05		1500		X	BIWEST-SANDTRAP-05	6	WASTE SLUDGE	X	X	X	X	X	X	X	
06		1555		X	BIWEST-TANK A-06	7	WASTE LIQUID	X	X	X	X	X	X	X	
07		1610		X	BIWEST-TANK A-07	7	WASTE SLUDGE	X	X	X	X	X	X	X	
08		1630		X	BIWEST-TANK B-08	6	WASTE LIQUID	X	X	X	X	X	X	X	
09		1640		X	BIWEST-TANK B-09	6	WASTE SLUDGE	X	X	X	X	X	X	X	
10		1700		X	BIWEST-TANK C-10	6	WASTE LIQUID	X	X	X	X	X	X	X	
11		1710		X	BIWEST-TANK C-11	6	WASTE SLUDGE	X	X	X	X	X	X	X	

RECEIVED
MAY 11 1995
UCD HOBBS
OFFICE

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time	Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time	Remarks
<i>[Signature]</i>	4/25/95 1:700	FEDEx		<i>[Signature]</i>	4-26-95	5:20 PM		FEDEx AIRBILL NO. 3911763122
<i>[Signature]</i>				<i>[Signature]</i>				COOLERS 1 AND 2 OF 3

Distribution: Original accompanies shipment. Copy to coordinator and field sites



PDP Analytical Services

1630 Lake Front Circle, Suite B • The Woodlands, Texas 77380 • Phone (713) 363-2233 • Fax (713) 298-5794

Chain of Custody Record

FAX (605) 392-1307

SHEET 2 OF 2

Client Name / Address: **PRC ENVIRONMENTAL MANAGEMENT INC.**
 350 N. ST. PAUL ST., SUITE 2600
 DALLAS, TX 75201 (214) 754-8765

Project Number: **170R06032141A**

Project Name: **BJ/WESTERN COMPANY**
HOBBBS, NEW MEXICO

Sample (Signature): *Robert Colburn*

Station Location: **BJWEST-DRUM02-12**

Number of Containers: **1**

Matrix: **LIQUID WASTE**

Remarks: **TRP BLANK**

Send Report to: **MARK BUTLER**
S/O PRC

Project Number: **170R06032141A**

Project Name: **BJ/WESTERN COMPANY**
HOBBBS, NEW MEXICO

Sample (Signature): *Robert Colburn*

Station Location: **BJWEST-DRUM02-12**

Number of Containers: **1**

Matrix: **LIQUID WASTE**

Remarks: **TRP BLANK**

Send Report to: **MARK BUTLER**
S/O PRC

Sta. No.	Date	Time	Comp.	Grab	Station Location	Number of Containers	Matrix	IGNITABILITY	CORROSIIVITY	SPECIFIC GRAVITY	TOTAL VOA	Remarks
12	4/25/95	0920		X	BJWEST-DRUM02-12	1	LIQUID WASTE	X	X	X	X	
13		0930		X	BJWEST-DRUM03-13	1		X	X	X	X	
14		0935		X	BJWEST-DRUM05-14	1		X	X	X	X	
15		0945		X	BJWEST-DRUM11-15	1		X	X	X	X	
16		0955		X	BJWEST-DRUM15-16	1		X	X	X	X	
17		1000		X	BJWEST-DRUM17-17	1		X	X	X	X	
18		1005		X	BJWEST-DRUM27-18	1		X	X	X	X	
19				X	BJWEST-TR04-19	3	WATER	X	X	X	X	

Retrieved by (Signature): *Jerry Proger*

Date/Time: **4/25/95 1700**

Received by (Signature): **FED-EX**

Date/Time: **4/26/95 5:20pm**

Remarks: **FED-EX AIRBILL NO. 3911763122**

Method of Shipment: **COOLERS 1 AND 2 OF 3**

Retrieved by (Signature): *Jerry Proger*

Date/Time: **4/25/95 1700**

Received by (Signature): **FED-EX**

Date/Time: **4/26/95 5:20pm**

Remarks: **FED-EX AIRBILL NO. 3911763122**

Method of Shipment: **COOLERS 1 AND 2 OF 3**

Retrieved by (Signature): *Jerry Proger*

Date/Time: **4/25/95 1700**

Received by (Signature): **FED-EX**

Date/Time: **4/26/95 5:20pm**

Remarks: **FED-EX AIRBILL NO. 3911763122**

Method of Shipment: **COOLERS 1 AND 2 OF 3**

Retrieved by (Signature): *Jerry Proger*

Date/Time: **4/25/95 1700**

Received by (Signature): **FED-EX**

Date/Time: **4/26/95 5:20pm**

Remarks: **FED-EX AIRBILL NO. 3911763122**

Method of Shipment: **COOLERS 1 AND 2 OF 3**

Retrieved by (Signature): *Jerry Proger*

Date/Time: **4/25/95 1700**

Received by (Signature): **FED-EX**

Date/Time: **4/26/95 5:20pm**

Remarks: **FED-EX AIRBILL NO. 3911763122**

Method of Shipment: **COOLERS 1 AND 2 OF 3**

Retrieved by (Signature): *Jerry Proger*

Date/Time: **4/25/95 1700**

Received by (Signature): **FED-EX**

Date/Time: **4/26/95 5:20pm**

Remarks: **FED-EX AIRBILL NO. 3911763122**

Method of Shipment: **COOLERS 1 AND 2 OF 3**

Retrieved by (Signature): *Jerry Proger*

Date/Time: **4/25/95 1700**

Received by (Signature): **FED-EX**

Date/Time: **4/26/95 5:20pm**

Remarks: **FED-EX AIRBILL NO. 3911763122**

Method of Shipment: **COOLERS 1 AND 2 OF 3**

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

DISTRICT II
 P.O. Drawer DD, Artesia, NM 88211-0719
 DISTRICT III
 1000 Rio Brazos Rd, Aztec, NM 87410

OIL CONSERVATION DIVISION

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

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

OPERATOR WARRIOR, INC.					ADDRESS P.O. BOX 5970, HOBBS, NM 88241			TELEPHONE # 397-3596
REPORT OF	FIRE X	BREAK	SPILL	LEAK	BLOWOUT	OTHER*		
TYPE OF FACILITY	DRLG WELL	PROD WELL	TANK BTRY X	PIPE LINE	GASO PLNT	OIL RFY	OTHER*	
FACILITY NAME: GM STATE								
LOCATION OF FACILITY Qtr/Qtr Sec. or Footage 660' FEL AND 190' ENL					SEC. 2	TWP. 21s	RGE. 35E	COUNTY LEA
DISTANCE AND DIRECTION FROM NEAREST TOWN OR PROMINENT LANDMARK 10 MILES SW OF MONUMENT, NM.								
DATE AND HOUR OF OCCURRENCE 5/9/95 12:30 PM					DATE AND HOUR OF DISCOVERY 5/9/95 12:30 PM			
WAS IMMEDIATE NOTICE GIVEN?		YES X	NO	NOT REQUIRED	IF YES, TO WHOM JERRY SEXTON			
BY WHOM M, Y, MERCHANT					DATE AND HOUR 5/9/95 1:05 PM			
TYPE OF FLUID LOST CRUDE OIL					QUANTITY OF LOSS 15	VOLUME RECOVERED 0		
DID ANY FLUIDS REACH A WATERCOURSE?		YES	NO X	QUANTITY				
IF YES, DESCRIBE FULLY**								
DESCRIBE CAUSE OF PROBLEM AND REMEDIAL ACTION TAKEN** HOLE IN FIRE TUBE. BEING REPAIRED NEXT DAY.								
DESCRIBE AREA AFFECTED AND CLEANUP ACTION TAKEN** HEATER TREATER WILL BE REPAIRED TOMORROW AND CLEANED UP WHERE NECESSARY.								
DESCRIPTION OF AREA	FARMING	GRAZING	URBAN	OTHER*				
SURFACE CONDITIONS	SANDY X	SANDY LOAM	CLAY	ROCKY	WET	DRY	SNOW	
DESCRIBE GENERAL CONDITIONS PREVAILING (TEMPERATURE, PRECIPITATION, ETC.)** 80° TEMPERATURE, NO PRECIPITATION, WINDY								
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF								

SIGNED *M. Y. Merchant* PRINTED NAME AND TITLE M. Y. MERCHANT DATE 5/9/95

*SPECIFY **ATTACH ADDITIONAL SHEETS IF NECESSARY

RECEIVED

MAY 11 1995

U.S. DEPARTMENT OF JUSTICE
OFFICE

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

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

APR 15 1995
SOIL CONSERVATION DIVISION

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

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

OPERATOR OXY USA INC.					ADDRESS P. O. BOX 50250 Midland, TX 79710-0250		TELEPHONE # 915/685-5669	
REPORT OF	FIRE	BREAK	SPILL	LEAK X	BLOWOUT	OTHER*		
TYPE OF FACILITY	DRLG WELL	PROD WELL	TANK BTRY	PIPE LINE	GASO PLNT	OIL RFY	OTHER* Injection Line	
FACILITY NAME: Myers Langlie Mattix Unit								
LOCATION OF FACILITY Qtr/Qtr Sec. or Footage NW, NE					SEC. 10	TWP. 24S	RGE. 37E	COUNTY Lea
DISTANCE AND DIRECTION FROM NEAREST TOWN OR PROMINENT LANDMARK 9 Miles due north from Jal, NM								
DATE AND HOUR OF OCCURRENCE 5/8/95, Unknown					DATE AND HOUR OF DISCOVERY 5/8/95, 8:50 MST			
WAS IMMEDIATE NOTICE GIVEN?	YES	NO	NOT REQUIRED X	IF YES, TO WHOM				
BY WHOM					DATE AND HOUR			
TYPE OF FLUID LOST Produced water					QUANTITY OF LOSS 60 BBLs	VOLUME RECOVERED 0 BBLs		
DID ANY FLUIDS REACH A WATERCOURSE?	YES	NO X	QUANTITY					
IF YES, DESCRIBE FULLY**								
DESCRIBE CAUSE OF PROBLEM AND REMEDIAL ACTION TAKEN**								
Injection line leak occurred on east lateral due to corrosion; isolated and repaired effected line.								
DESCRIBE AREA AFFECTED AND CLEANUP ACTION TAKEN**								
Unable to remove any free fluid; backhoe used in remediation of affected area.								
DESCRIPTION OF AREA	FARMING	GRAZING X	URBAN		OTHER*			
SURFACE CONDITIONS	SANDY	SANDY LOAM X	CLAY	ROCKY	WET	DRY X	SNOW	
DESCRIBE GENERAL CONDITIONS PREVAILING (TEMPERATURE, PRECIPITATION, ETC.)**								
67°, Clear, windy, no precipitation.								
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF								
SIGNED				PRINTED NAME AND TITLE	Lance W. Bowers Engineering Tech		DATE 5/9/95	

*SPECIFY

**ATTACH ADDITIONAL SHEETS IF NECESSARY

A. The Division shall be notified of any fire, break, leak, spill, or blowout occurring at any injection or disposal facility or at any oil or gas drilling, producing, transporting, or processing facility in the State of New Mexico by the person operating or controlling such facility.

B. "Facility," for the purpose of this rule, shall include any oil or gas well, any injection or disposal well, and any drilling or workover well; any pipe line through which crude oil, condensate, casinghead or natural gas, or injection or disposal fluid (gaseous or liquid) is gathered, piped, or transported (including field flow-lines and lead-lines but not including natural gas distribution systems); any receiving tank, holding tank, or storage tank, or receiving and storing receptacle into which crude oil, condensate, injection or disposal fluid, or casinghead or natural gas is produced, received, or stored; any injection or disposal pumping or compression station including related equipment; any processing or refining plant in which crude oil, condensate, or casinghead or natural gas is processed or refined; and any tank or drilling pit or slush pit associated with oil or gas well or injection or disposal well drilling operations or any tank, storage pit, or pond associated with oil or gas production or processing operations or with injection or disposal operations and containing hydrocarbons or hydrocarbon waste or residue, salt water, strong caustics or strong acids, or other deleterious chemicals or harmful contaminants.

C. Notification of such fire, break, leak, spill, or blowout shall be in accordance with the provisions set forth below:

(1) Well Blowouts. Notification of well blowouts and/or fires shall be "immediate notification" described below. ("Well blowout" is defined as being loss of control over and subsequent eruption of any drilling or workover well, or the rupture of the casing, casinghead, or wellhead or any oil or gas well or injection or disposal well, whether active or inactive, accompanied by the sudden emission of fluids, gaseous or liquid, from the well.)

(2) "Major" Breaks, Spills, or Leaks. Notification of breaks, spills, or leaks of 25 or more barrels of crude oil or condensate, or 100 barrels or more of salt water, none of which reaches a watercourse or enters a stream or lake; breaks, spills, or leaks in which one or more barrels of crude oil or condensate or 25 barrels or more of salt water does reach a watercourse or enters a stream or lake; and breaks, spills, or leaks of hydrocarbons or hydrocarbon waste or residue, salt water, strong caustics or strong acids, gases, or other deleterious chemicals or harmful contaminants of any magnitude which may with reasonable probability endanger human health or result in substantial damage to property, shall be "immediate notification" described below.

(3) "Minor" Breaks, Spills, or Leaks. Notification of breaks, spills, or leaks of 5 barrels or more but less than 25 barrels of crude oil or condensate, or 25 barrels or more but less than 100 barrels of salt water, none of which reaches a watercourse or enters a stream or lake, shall be "subsequent notification" described below.

(4) "Gas Leaks and Gas Line Breaks. Notification of gas leaks from any source or of gas pipe line breaks in which natural or casinghead gas of any quantity has escaped or is escaping which may with reasonable probability endanger human health or result in substantial damage to property shall be "immediate notification" described below. Notification of gas pipe line breaks or leaks in which the loss is estimated to be 1000 or more MCF of natural or casinghead gas but in which there is no danger to human health nor of substantial damage to property shall be "subsequent notification" described below.

(5) Tank Fires. Notification of fires in tanks or other receptacles caused by lightning or any other cause, if the loss is, or it appears that the loss will be, 25 or more barrels of crude oil or condensate, or fires which may with reasonable probability endanger human health or result in substantial damage to property, shall be "immediate notification" as described below. If the loss is, or it appears that the loss will be at least 5 barrels but less than 25 barrels, notification shall be "subsequent notification" described below.

(6) Drilling Pits, Slush Pits, and Storage Pits and Ponds. Notification of breaks and spills from any drilling pit, slush pit, or storage pit or pond in which any hydrocarbon or hydrocarbon waste or residue, strong caustic or strong acid, or other deleterious chemical or harmful contaminant endangers human health or does substantial surface damage, or reaches a watercourse or enters a stream or lake in some quantity as may with reasonable probability endanger human health or result in substantial damage to such watercourse, stream, or lake, or the contents thereof, shall be "immediate notification" as described below. Notification of breaks or spills of such magnitude as to not endanger human health, cause substantial surface damage, or result in substantial damage to any watercourse, stream, or lake, or the contents thereof, shall be "subsequent notification" described below, provided however, no notification shall be required where there is no threat of any damage resulting from the break or spill.

(7) IMMEDIATE NOTIFICATION. "Immediate Notification" shall be as soon as possible after discovery and shall be either in person or by telephone to the district office of the Division district in which the incident occurs, or if the incident occurs after normal business hours, to the District Supervisor, the Oil and Gas Inspector, or the Deputy Oil and Gas Inspector. A complete written report ("Subsequent Notification") of the incident shall also be submitted in DUPLICATE to the appropriate district office of the Division within ten days after discovery of the incident.

(8) SUBSEQUENT NOTIFICATION. "Subsequent Notification" shall be a complete written report of the incident and shall be submitted in duplicates to the district office of the Division district in which the incident occurred within ten days after discovery of the incident.

(9) CONTENT OF NOTIFICATION. All reports of fires, breaks, leaks, spills, or blowouts, whether verbal or written, shall identify the location of the incident by quarter-quarter, section, township, and range, and by distance and direction from the nearest town or prominent landmark so that the exact site of the incident can be readily located on the ground. The report shall specify the nature and quantity of the loss and also the general conditions prevailing in the area, including precipitation, temperature, and soil conditions. The report shall also detail the measures that have been taken and are being taken to remedy the situation reported.

(10) WATERCOURSE, for the purpose of this rule, is defined as any lake-bed or gully, draw, stream bed, wash, arroyo, or natural or man-made channel through which water flows or has flowed.

RECEIVED

MAY 1 1995

Oil and Gas
OFFICE

OIL CONSERVATION DIVISION
RECEIVED

'95 MAY 15 AM 8 52

NMOCD Inter-Correspondence

To: Roger Anderson-Environmental Bureau Chief
From: Wayne Price-Environmental Engineer District I *Wayne Price*
Date: May 12, 1995
Reference: ADDENDUM to Site Inspection Report
Western Company-Hobbs NM DP# GW-072
Subject: Analytical results from recent EPA inspection.

Comments:

Dear Roger,

Please find enclosed the analytical results, chain of custody and site plot plan provided by Jim Frazier of the Western Company. Mr. Frazier indicated these are Western's results of the split samples that were taken during the recent EPA site inspection.

cc: Jerry Sexton-District I Supervisor
Bill Olson-Hydrogeologist
~~Chris Eustice-Environmental Geologist~~

Attachments-1

Western Company DP# GW-072
2708 West County Road
Hobbs, NM
Telephone # 505-392-5556

Site Pictures

Location: same as above
Date: May 5, 1995
Time: 3:45 pm - 4:15 pm

Conditions: Party cloudy skies
70 - 80 f, wind 5-10 mph S-SE
Note: Hobbs area received approximately 1 to 2 inches of rain during morning.

Film Equipment Data:

Camera: Polaroid 35 mm DX film sensing, auto flash, focus free, Red-eye Reduction; Camera I.D. (T-054-C).
Film: Kodak Gold Ga-135-12 Plus 100 ISO 100/21

Developing procedures:

Film delivered to Wal-Mart film processing by Wayne Price at approximately 5:40 pm May 5, 1995, picked up at approximately 8:00 pm.

Pictures Taken By: Wayne Price-NMOCD
Witness By: Jim Frazier-Western Co.

- #1. Picture shows front of Western's building and new sign showing their merger with BJ.
- #2. Picture shows the lubrication pad located just north of the fuel island. Oil floating on rain water.
- #3. Picture looking south, shows Western's main shop, wash bay, mechanics bay.
- #4. Picture looking southeast, background shows trucks parked in yard.
- #5. Picture looking west; shows fuel island, lube pad, air compressor shed, and trash dumpster. In foreground of picture it show one of the monitor wells on site for ground water contamination in the yard.

- #6. Picture shows the chemical drum storage area which is located just west of the chemical/acid dock.
- #7. Picture looking northeast, shows part of chemical storage building, chemical/acid dock, overhead acid tank and load/unload pads.
- #8. Picture looking northeast, shows below grade fiberglass "wastewater" tanks (12'dia x 16 deep). These tanks do not have secondary containment. The picture shows a monitor just south of these tanks. This monitor well along with others have been installed for a previous ground water contamination investigation.
- #9. Below grade fiberglass tank (7' dia x 6' deep) first stage of "wastewater" system that collects the hydrocarbons, sand, etc.
- #10. Picture looking east, foreground shows cement plant, far background shows white fence. This is the area the EPA found over 400 drums.
- #11. Picture taken at the far northeast side of the yard, looking east, shows drums behind fence.
- #12. Picture shows part of drums stored behind fence, looking northeast.
- #13. Picture of some of the drums located behind fence area. Some of these drums do not have integrity, and a lot of them did not have bungs in them.
- #14. This drum shows waste coming out of the drum and a recent rain had washed this material onto the ground.
- #15. This is one of the partial full drums of "Unknown product" that was marked by the EPA with a blue marker. They sampled approximately 40 drums in this area per Jim Frazier of Western Co. Most of the drums did not have any sort of "Haz Comm" type label. Several of the drums were marked as being "bad", "no good", "do not use" etc, which makes it appear that these drums and their contents would be classified as a waste.
- #16. EPA markings on drum.

Signed: Wayne Price





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

OIL CONSERVATION DIVISION
 RECEIVED
 '95 FEB 24 AM 8 52

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

NMOCD Inter-Correspondence

To: Chris Eustice-Environmental Geologist
 From: Wayne Price-Environmental Engineer District I
 Date: February 21, 1995
 Reference: Western Company DP# GW-072
 Subject: Diesel contaminated soil waste disposal

RECEIVED

MAR 1 1995

Comments:

Environmental Bureau
 Oil Conservation Division

Dear Chris,

Please find enclosed documentation from CRI/Western reflecting the disposal of some diesel contaminated soils. This material was generated at Western's Hobbs yard. Western indicated to me that they were going to dispose of this material at CRI.

Therefore, I assumed that this material when disposed of would be approved through the process of using the new "solid waste approval form". However, it turned out that they disposed of it at CRI into the NMED side of their facility and I had no knowledge of it until after the fact. CRI has a NMED permit DP# 818.

I do not have a complete copy of Western's discharge plan so therefore I have no ideal if this is an accepted procedure.

The main issue here is, do we want to, or need to, have control over these type of discharges. From an environmental standpoint it certainly looks like Western is properly disposing of their waste.

Please let me know if we need to be involved in these type of disposals.

cc: Jerry Sexton-District I Supervisor
 Roger Anderson-Environmental Bureau Chief
 Attachments-1



Mr. Price:

The following information
is for 24 yds of diesel contaminated
soil from the Western Co - Hobbs yard.

The soil was put into an landfill
area, under CRI's NM EID permit
(DP # 818).

A copy of manifests and BTEX
analysis are attached.

cc: JERRY SEITON
ROBERT ANDERSON

CONTROLLED RECOVERY INC.
HYDROCARBON REMEDIATION SITE
PERMIT DP-818

DRIVER'S MANIFEST

JOB NAME: Western Co of N A

JOB NUMBER: 95-01-403

DEPOSITION DATE: 2 7 95

TRANSPORTER NAME: ESC

DRIVER NAME: Bobby Kincaid

TRUCK LICENSE NUMBER: WD 34906 STATE NM

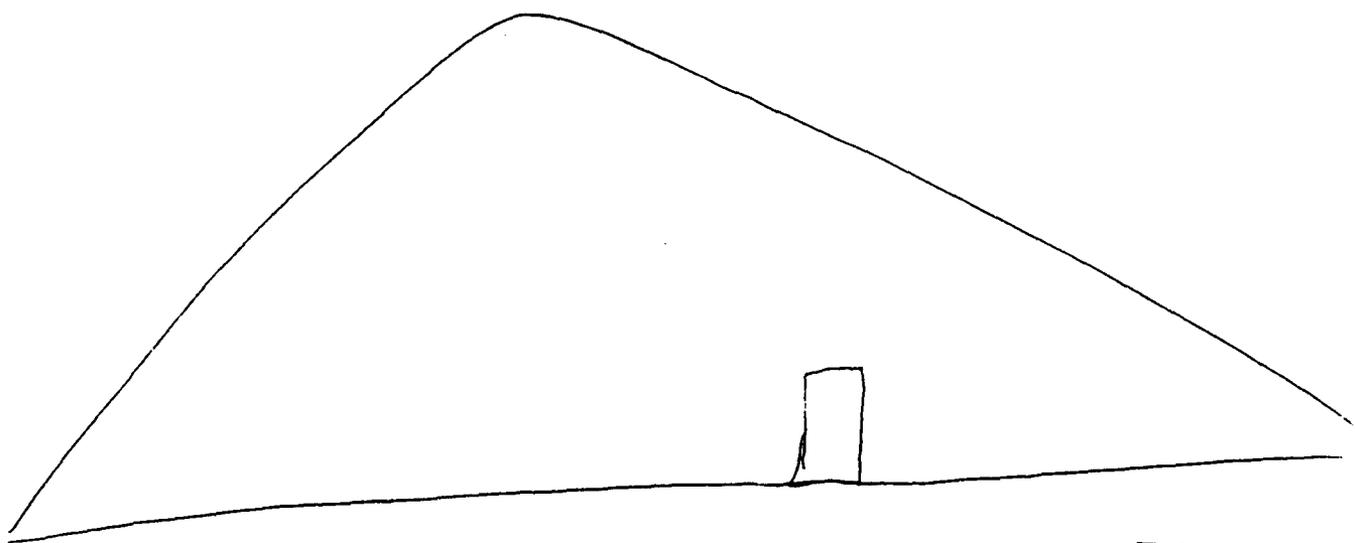
VOLUME: 24 (GALLONS/YARDS)

TYPE OF MATERIAL: [] GASOLINE; DIESEL
[] OTHER DESCRIPTION

SITE NAME: Hobbs Yard

SITE ADDRESS: 2708 W County Road

PLOT B



RECEIVED

FEB 14 1995
UCD HOBBS
OFFICE

ENVIRONMENTAL SPILL CONTROL, INC.

MANIFEST # 95-02-07-001

Shipping Facility Name & Address:

Western Co of North America
2708 West County Road
Hobbs, New Mexico 88241

Disposal Site: Permit DD-818

Controlled Recovery, Inc.
Carlsbad Highway
Halfway, New Mexico

Transporter Name & Address:

Environmental Spill Control, Inc.
P.O. Box 5890
Hobbs, New Mexico

Transporter State Permit #

Transporter ICC Permit #

Full Description of Waste:
Non-Hazardous Oilfield waste
Hydrocarbon Contaminated Soil

Container
No. & Type

Total
Quantity
12 cyd

Special handling instructions and additional information: Should a spill occur, please notify

Environmental Spill Control, Inc.
Environmental Spill Control, Inc. is providing transportation only.
Environmental Spill Control, Inc. did not advise or recommend any designated site or method.

Name: Western Co. (Representative)

Signature

mm/dd/yy

JAMES E FRAZIER

Name of Transporter: (Driver)

Signature

mm/dd/yy

Bobby Kincaid

Disposal Site:

Signature

mm/dd/yy

Controlled Recovery Incorporated

JK Halli 2795

RECEIVED

JOB HOLDING
OFFICE

ENVIRONMENTAL SPILL CONTROL, INC.

MANIFEST # 95-02-07-002

Shipping Facility Name & Address:

Disposal Site: DP-818

Western Co. of North America
2708 West County Road
Hobbs, New Mexico 88241

Controlled Recovery, Inc.
Carlsbad Highway
Halfway, New Mexico

Transporter Name & Address:

Transporter State Permit #

Environmental Spill Control, Inc.
P.O. Box 5890
Hobbs, New Mexico

Transporter ICC Permit #

Full Description of Waste:

Non-Hazardous Oilfield waste
Hydrocarbon Contaminated Soil

Container
No. & Type

Total
Quantity
12 cyd

Special handling instructions and additional information: Should a spill occur, please notify

Environmental Spill Control, Inc.
Environmental Spill Control, Inc. is providing transportation only.
Environmental Spill Control, Inc. did not advise or recommend any designated site or method.

Name: Western Co. (Representative)

Signature

mm/dd/yy

JAMES E FRAZIER

James E Frazier

Name of Transporter: (Driver)

Signature

mm/dd/yy

Bobby Kincaid

Bobby Kincaid

Disposal Site:

Signature

mm/dd/yy

RECEIVED

Controlled Recovery Incorporated

FEB 14 1995

U.S. DEPT. OF JUSTICE
HOBBS OFFICE

2895



**ARDINAL
LABORATORIES**

PHONE (512) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79608

PHONE (505) 328-2326 • 101 E. MARLAND • HOBBS, NM 88240

PHONE (505) 328-4668 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401

TPH/BTEX ANALYSIS REPORT

Company: Western Company of N. America Date: 1/25/95
Address: 2708 W. County Rd. Lab #: H1936
City, State: Hobbs, NM 88240

Project Name: not given
Location: Western Co. Yard
Sampled by: JF Date: 1/24/95 Time: 0945
Analysed by: NM Date: 1/24-25/95 Time: various
Sample Type: Soil Sample Condition: Intact Units: mg/kg

Samp #	Field Code	TPHC	BENZENE	TOLUENE	ETHYL BENZENE	PARA-XYLENE	META-XYLENE	ORTHO-XYLENE
1	Sample 1	5,797	0.023	0.015	0.163	0.028	0.037	0.090

QC Recovery	421.0	0.921	0.802	0.505	0.379	0.998	0.926
QC Spike	405.9	0.881	0.865	0.863	0.866	0.860	0.886
Accuracy	103.7%	104.3%	92.7%	104.1%	101.5%	104.4%	104.5%
Air Blank	***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Methods - GAS CHROMATOGRAPHY, INFRARED SPECTROSCOPY
- EPA SW-846, 8020, 418.1, 3540 OR 3510

Michael R. Fowler
Michael R. Fowler

1/25/95
Date RECEIVED

CCD
OFFICE

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

BJ/WESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

RECEIVED

MAY 10 1995

**UCD HOBBS
OFFICE**

RECEIVING DATE: 04/26/95
SAMPLE TYPE: SLUDGE
PROJECT #: 170R0603214LA
FIELD CODE: BJ/WEST SANDTRAP 02

ANALYSIS DATE: 05/06/95
SAMPLING DATE: 04/24/95
SAMPLE CONDITION: INTACT

TCLP VOLATILES (ppm)	EPA LIMIT	ELT# 3944	DETECTION LIMIT	QC	%P	%IA	%EA
Vinyl chloride	0.20	ND	0.002	0.048	106	110	109
1,1-Dichloroethene	0.70	ND	0.002	0.051	99	101	104
Methyl Ethyl Ketone	200.00	ND	0.020	0.053	105	98	98
Chloroform	6.00	ND	0.002	0.052	104	106	101
1,2-Dichloroethane	0.50	ND	0.002	0.051	104	111	102
Benzene	0.50	ND	0.002	0.053	102	99	99
Carbon Tetrachloride	0.50	ND	0.002	0.054	102	103	108
Trichloroethene	0.50	ND	0.002	0.050	101	98	103
Tetrachloroethene	0.70	ND	0.002	0.051	101	102	104
Chlorobenzene	100.00	ND	0.002	0.051	102	99	101
1,4-Dichlorobenzene	7.50	ND	0.002	0.051	101	98	102

% Recovery

1,2-Dichloroethane	99
Toluene-d8	102
4-Bromofluorobenzene	101

ND= Not Detected

Methods: EPA SW 846-8260, 1311

Raland K Tuttle
Raland K. Tuttle

5/8/95
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

BJ / WESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

RECEIVED

MAY 10 1995

U C D HOBBS
OFFICE

Receiving Date: 04/26/95
Sample Type: SLUDGE
Project #: 170R0603214LA
Field Code: BJWEST-SANDTRAP-02

Analysis Date: 05/05/95
Sampling Date: 04/24/95
Sample Condition: Intact

Method SW 846-8260 (ppm)	ELT# 3944	BLANK	Detection Limit	%EA	%IA
Chloromethane	ND	ND	0.001	98	110
Vinyl Chloride	ND	ND	0.001	96	108
Bromomethane	ND	ND	0.001	99	101
Chloroethane	ND	ND	0.001	100	106
Trichlorofluoromethane	ND	ND	0.001	95	109
1,1-Dichloroethene	ND	ND	0.001	98	107
Methylene Chloride	ND	ND	0.001	97	102
trans-1,2-Dichloroethene	ND	ND	0.001	98	99
1,1-Dichloroethane	ND	ND	0.001	97	100
2,2-Dichloropropane	ND	ND	0.001	99	103
cis-1,2-Dichloroethene	ND	ND	0.001	98	104
Bromochloromethane	ND	ND	0.001	96	98
Chloroform	ND	ND	0.001	101	101
Dichlorodifluoromethane	ND	ND	0.001	99	104
1,1,1-Trichloroethane	ND	ND	0.001	94	103
Carbon Tetrachloride	ND	ND	0.001	96	101
1,1-Dichloropropene	ND	ND	0.001	97	105
Benzene	ND	ND	0.001	101	106
1,2-Dichloroethane	ND	ND	0.001	98	101
Trichloroethene	ND	ND	0.001	99	99
1,2-Dichloropropane	ND	ND	0.001	100	101
Dibromomethane	ND	ND	0.001	96	98
Bromodichloromethane	ND	ND	0.001	97	107
Dibromochloromethane	ND	ND	0.001	98	98
cis 1,3-Dichloropropene	ND	ND	0.001	101	97
Toluene	3.1	ND	0.001	99	92
trans 1,3-Dichloropropene	ND	ND	0.001	100	103
1,1,2-Trichloroethane	ND	ND	0.001	98	101
Tetrachloroethene	ND	ND	0.001	99	97
1,3-Dichloropropane	ND	ND	0.001	97	99
1,2-Dibromoethane	ND	ND	0.001	96	101
Chlorobenzene	ND	ND	0.001	97	103
1,1,1,2-Tetrachloroethane	ND	ND	0.001	98	99
Ethylbenzene	5.0	ND	0.001	104	109

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

MAY 10 '95 11:49

PAGE. 002

RECEIVED**MAY 10 1995****UCD HOBBS
OFFICE**

BJ / WESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

Receiving Date: 04/26/95
Sample Type: SLUDGE
Project #: 170R0603214LA
Field Code: BJWEST-SANDTRAP-02

Analysis Date: 05/05/95
Sampling Date: 04/24/95
Sample Condition: Intact

Method SW 846-8260 (ppm)	ELT# 3944	BLANK	Detection Limit	%EA	%IA
m&p-Xylene	16.5	ND	0.001	101	109
o-Xylene	22.9	ND	0.001	99	103
Styrene	ND	ND	0.001	100	110
Bromoform	ND	ND	0.001	96	97
1,1,2,2-Tetrachloroethane	ND	ND	0.001	97	104
1,2,3-Trichloropropane	ND	ND	0.001	98	99
Isopropylbenzene	5.9	ND	0.001	99	98
Bromobenzene	ND	ND	0.001	100	96
n-Propylbenzene	18.6	ND	0.001	99	100
2-Chlorotoluene	ND	ND	0.001	97	112
4-Chlorotoluene	ND	ND	0.001	97	110
1,3,5-Trimethylbenzene	16.8	ND	0.001	96	98
tert-Butylbenzene	ND	ND	0.001	96	96
1,2,4-Trimethylbenzene	ND	ND	0.001	97	99
sec-Butylbenzene	4.8	ND	0.001	98	101
1,3-Dichlorobenzene	ND	ND	0.001	99	99
4-Isopropyltoluene	1.8	ND	0.001	101	100
1,4-Dichlorobenzene	ND	ND	0.001	97	101
1,2-Dichlorobenzene	ND	ND	0.001	98	100
n-Butylbenzene	9.0	ND	0.001	99	98
1,2-Dibromo-3-Chloropropane	ND	ND	0.001	98	99
1,2,3-Trichlorobenzene	ND	ND	0.001	96	101
Hexachlorobutadiene	ND	ND	0.001	97	96
Naphthalene	42.5	ND	0.001	98	103
1,2,4-Trichlorobenzene	ND	ND	0.001	99	105

System Monitoring Compounds

% Recovery

Dibromofluoromethane
Toluene-d8
4-Bromofluorobenzene

98
104
90

Roland K. Tuttle
Roland K. Tuttle

5/2/95
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

BJ / WESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

RECEIVED

MAY 10 1995

U C D HOBBS
OFFICE

Receiving Date: 04/26/95
Sample Type: SLUDGE
Project #: 170R0603214LA
Field Code: BJWEST-SANDTRAP-04

Analysis Date: 05/05/95
Sampling Date: 04/24/95
Sample Condition: Intact

Method SW 846-8260 (ppm)	ELT# 3946	BLANK	Detection Limit	%EA	%IA
Chloromethane	ND	ND	0.001	98	110
Vinyl Chloride	ND	ND	0.001	96	108
Bromomethane	ND	ND	0.001	99	101
Chloroethane	ND	ND	0.001	100	106
Trichlorofluoromethane	ND	ND	0.001	95	109
1,1-Dichloroethene	ND	ND	0.001	98	107
Methylene Chloride	ND	ND	0.001	97	102
trans-1,2-Dichloroethene	ND	ND	0.001	98	99
1,1-Dichloroethane	ND	ND	0.001	97	100
2,2-Dichloropropane	ND	ND	0.001	99	103
cis-1,2-Dichloroethene	ND	ND	0.001	98	104
Bromochloromethane	ND	ND	0.001	96	98
Chloroform	ND	ND	0.001	101	101
Dichlorodifluoromethane	ND	ND	0.001	99	104
1,1,1-Trichloroethane	ND	ND	0.001	94	103
Carbon Tetrachloride	ND	ND	0.001	96	101
1,1-Dichloropropene	ND	ND	0.001	97	105
Benzene	ND	ND	0.001	101	106
1,2-Dichloroethane	ND	ND	0.001	98	101
Trichloroethene	ND	ND	0.001	99	99
1,2-Dichloropropane	ND	ND	0.001	100	101
Dibromomethane	ND	ND	0.001	96	98
Bromodichloromethane	ND	ND	0.001	97	107
Dibromochloromethane	ND	ND	0.001	98	98
cis 1,3-Dichloropropene	ND	ND	0.001	101	97
Toluene	3.0	ND	0.001	99	92
trans 1,3-Dichloropropene	ND	ND	0.001	100	103
1,1,2-Trichloroethane	ND	ND	0.001	98	101
Tetrachloroethene	ND	ND	0.001	99	97
1,3-Dichloropropane	ND	ND	0.001	97	99
1,2-Dibromoethane	ND	ND	0.001	96	101
Chlorobenzene	ND	ND	0.001	97	103
1,1,1,2-Tetrachloroethane	ND	ND	0.001	98	99
Ethylbenzene	5.7	ND	0.001	104	109

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

RECEIVED

MAY 10 1995
UCD HOBBS
OFFICEBJ / WESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307Receiving Date: 04/26/95
Sample Type: SLUDGE
Project #: 170R0603214LA
Field Code: BJWEST-SANDTRAP-04Analysis Date: 05/05/95
Sampling Date: 04/24/95
Sample Condition: Intact

Method SW 846-8260 (ppm)	ELT# 3946	BLANK	Detection Limit	%EA	%IA
m&p-Xylene	15.4	ND	0.001	101	109
o-Xylene	24.0	ND	0.001	99	103
Styrene	ND	ND	0.001	100	110
Bromoform	ND	ND	0.001	96	97
1,1,2,2-Tetrachloroethane	ND	ND	0.001	97	104
1,2,3-Trichloropropane	ND	ND	0.001	98	99
Isopropylbenzene	9.4	ND	0.001	99	98
Bromobenzene	ND	ND	0.001	100	96
n-Propylbenzene	40.5	ND	0.001	99	100
2-Chlorotoluene	ND	ND	0.001	97	112
4-Chlorotoluene	ND	ND	0.001	97	110
1,3,5-Trimethylbenzene	38.0	ND	0.001	96	98
tert-Butylbenzene	ND	ND	0.001	96	96
1,2,4-Trimethylbenzene	ND	ND	0.001	97	99
sec-Butylbenzene	10.2	ND	0.001	98	101
1,3-Dichlorobenzene	ND	ND	0.001	99	99
4-Isopropyltoluene	ND	ND	0.001	101	100
1,4-Dichlorobenzene	ND	ND	0.001	97	101
1,2-Dichlorobenzene	ND	ND	0.001	98	100
n-Butylbenzene	18.5	ND	0.001	99	98
1,2-Dibromo-3-Chloropropane	ND	ND	0.001	98	99
1,2,3-Trichlorobenzene	ND	ND	0.001	96	101
Hexachlorobutadiene	ND	ND	0.001	97	96
Naphthalene	25.0	ND	0.001	98	103
1,2,4-Trichlorobenzene	ND	ND	0.001	99	105

System Monitoring Compounds

% Recovery

Dibromofluoromethane
Toluene-d8
4-Bromofluorobenzene96
104
89

Raland K. Tuttle
Raland K. Tuttle

5/8/95
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

RECEIVED

MAY 10 1995

**OCD HOBBS
OFFICE**

BJWESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

Receiving Date: 04/26/95
Sample Type: SLUDGE
Project: 170R0603214LA

Analysis Date: 05/02/95
Sampling Date: 04/24/95
Sample Condition: Intact

ELT#	FIELD CODE	IGNITABILITY deg F	CORROSIVITY	SPECIFIC GRAVITY
3943	BJWEST OUTSUMP 01	NR	NON CORROSIVE	1.43
3944	BJWEST SANDTRAP 02	70.00	NR	1.89
3946	BJWEST SANDTRAP 04	NR	NR	1.94
3948	BJWEST TANK A 06	80.00	NON CORROSIVE	1.00
3949	BJWEST TANK A 07	NR	NON CORROSIVE	1.15
3950	BJWEST TANK B 08	80.00	NR	31*
3951	BJWEST TANK B 09	NR	NR	0.878
3952	BJWEST TANK C 10	80.00	NR	32*
3953	BJWEST TANK C 11	NR	NR	31*
3654	BJWEST DRUM 02 12	NR	NR	0.848
3955	BJWEST DRUM 03-13	NR	NR	0.836
3956	BJWEST DRUM 05-14	NR	NON CORROSIVE	1.279
3957	BJWEST DRUM 15 16	NR	NR	0.862
3958	BJWEST DRUM 15-16	NR	NR	0.817
3959	BJWEST DRUM 17-17	NR	NR	0.812
3960	BJWEST DRUM 27-18	NR	NR	0.898
	% P	100	100	NR

METHODS: EPA SW 846-7.1.3.2.1.2.2.1.1
* SPECIFIC GRAVITY (OIL)

Raland K Tuttle
Raland K. Tuttle

5/8/95
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

BJ/ WESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBBS, NM 88240
FAX: 505-392-7307

RECEIVED

MAY 10 1995

UCD HOBBS
OFFICE

Receiving Date: 04/26/95
Sample Type: SLUDGE
Project #: 170R0603214LA
FIELD CODE: BJWEST SANDTRAP-02

Analysis Date: 05/07/95
Sampling Date: 04/24/95
Sample Condition: Intact

TCLP SEMI-VOLATILE ORGANICS (ppm)	DETECTION LIMIT	ELT# 3944	BLANK	%EA	%IA
Pyridine	0.002	ND	ND	102	104
1,4-Dichlorobenzene	0.002	ND	ND	101	103
2-Methylphenol	0.002	ND	ND	99	98
Nitrobenzene	0.002	ND	ND	97	96
4-Methylphenol	0.002	ND	ND	100	103
Hexachloroethane	0.002	ND	ND	101	102
Hexachlorobutadiene	0.002	ND	ND	100	104
2,4,6-Trichlorophenol	0.002	ND	ND	101	106
2,4,5-Trichlorophenol	0.002	ND	ND	99	102
2,4-Dinitrotoluene	0.002	ND	ND	101	104
Hexachlorobenzene	0.002	ND	ND	105	101
Pentachlorophenol	0.002	ND	ND	107	102

ND= NOT DETECTED

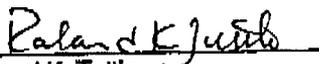
SYSTEM MONITORING COMPOUNDS

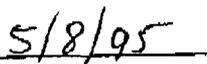
% Recovery

2-Fluorophenol
Phenol-d5
Nitrobenzene-d5
2-Fluorobiphenyl
2,4,6-Tribromophenol
Terphenyl-d14

102
105
106
99
101
101

Method: SW 846-8270,1311


Raland K. Tuttle


Date

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!"

BJ/ WESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

RECEIVED

MAY 10 1995

**OCD HOBBS
OFFICE**

Receiving Date: 04/26/95
Sample Type: SLUDGE
Project #: 170R0603214LA
FIELD CODE: BJWEST SANDTRAP-04

Analysis Date: 05/07/95
Sampling Date: 04/24/95
Sample Condition: Intact

TCLP SEMIVOLATILE ORGANICS (ppm)	DETECTION LIMIT	ELT# 3946	BLANK	%EA	%IA
Pyridine	0.002	ND	ND	102	104
1,4-Dichlorobenzene	0.002	ND	ND	101	103
2-Methylphenol	0.002	ND	ND	99	98
Nitrobenzene	0.002	ND	ND	97	96
4-Methylphenol	0.002	ND	ND	100	103
Hexachloroethane	0.002	ND	ND	101	102
Hexachlorobutadiene	0.002	ND	ND	100	104
2,4,6-Trichlorophenol	0.002	ND	ND	101	106
2,4,5-Trichlorophenol	0.002	ND	ND	99	102
2,4-Dinitrotoluene	0.002	ND	ND	101	104
Hexachlorobenzene	0.002	ND	ND	105	101
Pentachlorophenol	0.002	ND	ND	107	102

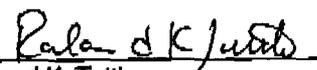
ND= NOT DETECTED

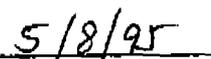
SYSTEM MONITORING COMPOUNDS

% Recovery

2-Fluorophenol	103
Phenol-d5	101
Nitrobenzene-d5	102
2-Fluorobiphenyl	103
2,4,6-Tribromophenol	101
Terphenyl-d14	105

Method: SW 846-8270,1311


Raland K. Tuttle


Date

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

MAY 10 '95 11:52

PAGE. 008

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

BJ/WESTERN
MR. JIM FRAZER
2708 W. COUNTY RD
HOBBS, NM 88240
FAX: 505-392-7307

Receiving Date: 04/26/95
Sample Type: SLUDGE
Project: 170R0603214LA

Analysis Date: 05/02/95
Sampling Date: 04/24/95
Sample Condition: Intact

RECEIVED
MAY 10 1995
UCD HOBBS
OFFICE

TCLP METALS (mg/l)

ELT#	Field Code	As	Se	Cr	Cd	Pb	Ag	Ba	Hg
	EPA LIMIT	5.00	1.00	5.00	1.00	5.00	5.00	100.00	0.20
3943	BJWEST-OUTSUMP-01	3.0	0.6	0.1	0.1	0.2	0.4	32	ND
3946	BJWEST-SANDTRAP-04	3.0	0.9	0.2	0.1	0.3	0.7	26	ND
3949	BJWEST-TANK A-07	3.0	0.4	0.1	0.1	0.2	0.2	15	ND
3951	BJWEST TANKB-09	ND	0.5	ND	0.1	0.1	0.1	12	ND
3953	BJWEST TANK C-11	1	0.3	0.2	0.1	0.2	0.3	20	ND
	EXTRACTION BLANK	ND	ND						
	Detection Limit	1.0	1.0	0.1	0.1	0.1	0.1	0.1	0.02
	% EXTRACTION ACCURACY	50	100	100	100	85	100	108	100
	% INSTRUMENT ACCURACY	110	100	100	90	97	100	100	83

METHODS: EPA SW 846-1311,7000,7471
ND=NOT DETECTED

Raland K Tuttle
Raland K. Tuttle

5/8/95
Date

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

STATE OF NEW MEXICO
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, NM 87501

RECEIVED
MAY 08 1995
OCD HOEBS
OFFICE

DISCHARGE PLAN APPLICATION FOR OILFIELD SERVICE FACILITIES

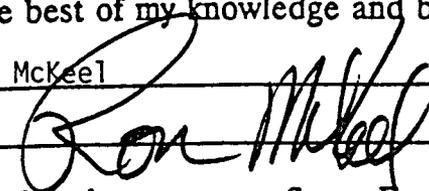
(Refer to OCD Guidelines for assistance in completing the application.)

- I. TYPE: Cementing, acidizing and high pressure pumping services for oil & gas wells
- II. OPERATOR: THE WESTERN COMPANY OF NORTH AMERICA
ADDRESS: 515 Post Oak Blvd., Suite 915 Houston, TX 77027
CONTACT PERSON: Benny Ho, Environmental Specialist PHONE: 713/629-2867
- III. LOCATION: /4 /4 Section 20 Township 18 S Range 38 E
Submit large scale topographic map showing exact location.
- IV. Attach the name and address of the landowner of the facility site.
- V. Attach a description of the facility with a diagram indicating location of fences, pits, dikes, and tanks on the facility.
- VI. Attach a description of all materials stored or used at the facility.
- VII. Attach a description of present sources and quantities of effluent and waste solids.
- VIII. Attach a description of current liquid and solid waste collection/treatment/disposal procedure
- IX. Attach a description of proposed modifications to existing collection/treatment/disposal system
- X. Attach a routine inspection, maintenance plan and reporting to ensure permit compliance.
- XI. Attach a contingency plan for reporting and clean-up of spills or releases.
- XII. Attach geological/hydrological evidence demonstrating that disposal of oil field wastes will not adversely impact fresh water.
- XIII. Attach such other information as is necessary to demonstrate compliance with any other OC rules, regulations and/or orders.
- XIV. CERTIFICATION

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: Ron McKee

Title: Director, Real Estate & Facilities Construction

Signature: 

Date: 6/18/91

DISTRIBUTION: Original and one copy to Santa Fe with one copy to appropriate Division District Office

DISCHARGE PLAN
APPLICATION FOR
OIL FIELD SERVICE FACILITIES

THE WESTERN COMPANY OF NORTH AMERICA
HOBBS, NEW MEXICO FACILITY

RECEIVED
MAY 08 1995
UCD HOBBS
OFFICE

TABLE OF CONTENTS

I	TYPE OF OPERATION
II	OPERATOR
III	LOCATION
IV	OWNER
V	FACILITY DESCRIPTION & DIAGRAM
VI	MATERIAL STORED
VII & VIII	CURRENT WASTE STREAM AND TREATMENT PROCEDURE
IX	PROPOSED MODIFICATION
X	INSPECTION PLAN
XI	CONTINGENCY PLAN
XII	GEOLOGICAL/HYDROLOGICAL EVIDENCE

RECEIVED

MAY 08 1995

**UCD HOBBS
OFFICE**

SECTIONS I, II, III & IV

RECEIVED

MAY 08 1995

OCD HOBBS
OFFICE

I TYPE OF OPERATION

The Western Company of North America, Hobbs, New Mexico Facility provides cementation, acidizing and high pressure pumping services for oil and gas wells.

II OPERATOR: The Western Company of North America

ADDRESS: 515 Post Oak Blvd., Ste. 915
Houston, TX 77027-7407

CONTACT PERSON: Benny Ho

PHONE: 713/629-2867

III LOCATION: Northeast quarter of Section 20, Township 18 South, Range 38 Est, N.M.P.M. Lea County, New Mexico

TOPOGRAPHIC MAP: Figure III.1

IV OWNER: The Western Company of North America

ADDRESS: 515 Post Oak Blvd., Ste. 915
Houston, TX 77027-7407
713/629-2867

RECEIVED

MAY 08 1995

**UCD HOBBS
OFFICE**

FIGURE III.1
LOCATION - TOPOGRAPHIC MAP

RECEIVED

MAY 08 1995

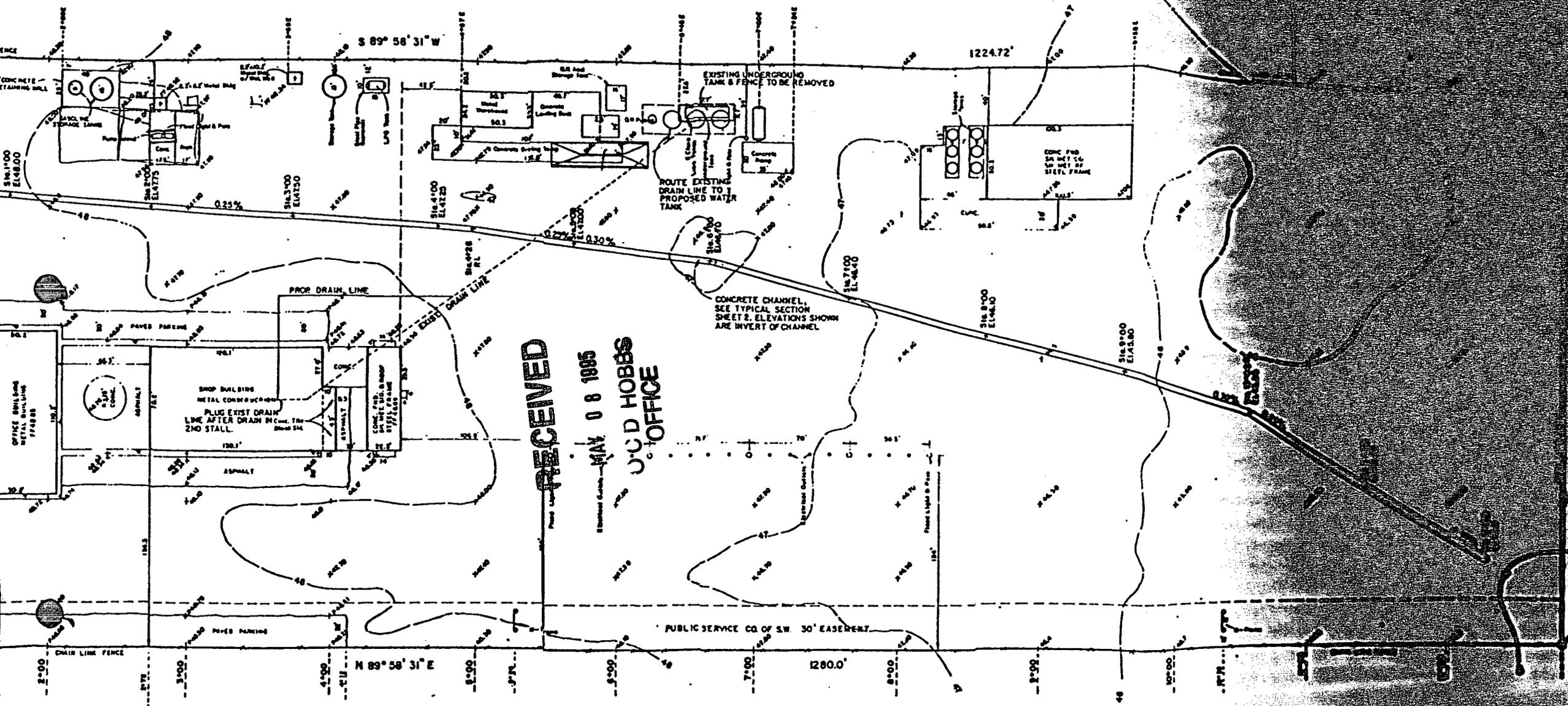
**UCD HOBBS
OFFICE**

SECTION V
FACILITY DESCRIPTION & DIAGRAM

RECEIVED
MAY 08 1995
LCD HOBBS
OFFICE

The Western Company of North America (WCNA) provides cementing, acidizing and high pressure pumping services to oil and gas well operators in the Hobbs, New Mexico area. The principal materials stored and utilized in the servicing operations at the wellhead include: hydrochloric acid, cement, sand and liquid and dry chemical additives. Material Safety Data Sheets (MSDS) for the materials used by WCNA at the Hobbs Facility are included in this section.

RECEIVED
MAY 08 1995
OCD HOBBS
OFFICE



RECEIVED
 MAY 0 8 1965
 U.C.D. HOBBS
 CIVIL ENGINEER
 OFFICE

BENCHMARK - 120d Nail in
 West County Road
 Elev. = 3649.0



VII
VIII

IX

SECTION VII & VIII

CURRENT WASTE STREAM AND TREATMENT PROCEDURE

X

XI

RECEIVED

MAY 08 1995

**UCD HOBBS
OFFICE**

XI

10/11/94
10/11/94
10/11/94
10/11/94

RECEIVED

MAY 08 1995

UCD HOBBS
OFFICE

WASTE STREAMS

The waste streams currently generated in The Western Company of North America (WCNA), Hobbs Facility and its associated disposal methods are defined and listed below:

1. A. Truck Wash Wastewater

This waste stream is generated at the Truck Wash Bay as a result of washing the truck exterior after returning from field operations. The Truck Wash Wastewater is made up of three components: water, inert solids, and oil. The waste is passed through a sump to remove the solids. The treated waste liquid, approximately 100,000 gallons per month, is piped to a series of 3 tanks. The effluent is picked up on a daily basis and taken to a disposal well for final off site disposal.

B. Inert Solids - Truck Wash

These are the sand and dirt commingled in a sludge collected from the sump of the Truck Wash Bay as a result of washing of the truck exterior. Approximately two cubic yards per month of solids are removed for off site disposal.

2. Inert Solids - Cement

Off-spec cement of approximately 225,600 pounds per month is generated from the well servicing activity. This excess cement is given away for construction use or will be taken to an approved landfill for disposal.

3. Used Oil (From Truck Maintenance Activities)

Used lubricating oil of about 450 gallons per month is generated from truck oil changes and is collected into a 1,000 gallon aboveground storage tank. The oil is collected on a monthly basis for disposal.

4. Spent Shop Solvents (From Truck Maintenance Activities)

Approximately three gallons per month of Spent Shop Solvents is generated during truck maintenance and parts cleaning activities. It is collected and recycled monthly on site in an enclosed recycling system.

IX

X

XI

XI

RECEIVED

MAY 08 1985

UCD HOBBS
OFFICE

5. Solids - Tires

Worn tires, approximately 15 per month, generated through replacement on the trucks used by WCNA, are traded in for new tires.

6. Solids - Car And Truck Batteries

About 8 used batteries per month are generated through vehicle maintenance. The used batteries are traded in to the new battery supplier for recycling and/or disposal.

7. Solids - Empty Drums

Empty drums, 300 per month, are generated as Western chemicals and lube oil are used. They are all sent back to the WCNA Fort Worth warehouse for reuse or disposal.

8. Solids - Domestic Trash

Domestic Trash is generated by normal operation from the office and site buildings. About 15,000 pounds per month is picked up and disposed of.

9. Domestic Sanitary Wastewater

Domestic wastewater, generated from sinks, showers and toilets, is piped to two septic tanks at the facility.

10. Used Filter - (Oil And Fuel)

Used oil and fuel filters, approximately forty per month, are generated through maintenance operations on vehicles and are disposed of with the domestic trash.

11. Waste Antifreeze

Used antifreeze, approximately fifty gallons per month, is generated during truck maintenance. It is collected through the truck maintenance area floor drain and piped into the three large waste tanks to be commingled with the truck wash wastewater.

IX

X

XI

XI

12. Scrap Metal

Scrap metal is generated from miscellaneous truck repair and well maintenance/servicing. About 400 pounds per month is collected on site. The scrap metal is picked up on a monthly basis for recycling.

13. Truck Maintenance Area waste.

The truck maintenance area floor drain collects liquid waste from truck maintenance activities. The liquid is piped it into the three large waste tanks to be commingled with the truck wash wastewater. Approximately 1,000 gallons of truck maintenance area waste are generated each month.

14. Acidic Wastewater and Field Wastewater

Generated from overflow from truck loading and minor chemical spillage from truck tanks. It is collected and treated by elementary neutralization in the Truck Loading facility. This facility is used also for the Field Wastewater which is generated as a result of rinsing the interior of pump trucks, blenders and transportation trucks. All of these, approximately 104,000 gallons per month, are piped into the three large waste tanks to be commingled with the truck wash wastewater.

RECEIVED

MAY 08 1995

**UCD HOBBS
OFFICE**

IX

X

XI

XI

RECEIVED

MAY 08 1995

UCD HOBBS
OFFICE

WASTE FACILITIES

The waste facilities currently utilized at this location and the waste streams treated by these facilities are listed below.

1. Truck Wash Bay

The waste treatment facilities include a fluid collection area, a solids collection sump and three fiberglass underground storage tanks. The fluid collection area consists of a sloped concrete foundation that allows the washwater to drain into the solids collection sump. The solids collection sump measures 3 ft. by 3 ft. by 5 ft. deep and is covered by a steel grate. A pipe from the sump is connected to the three fiberglass underground storage tanks which allows liquids to flow from the sump and be collected in the tanks. The tanks have an approximate capacity of 10,000 gallons each.

IX

2. Used Solvent Recycle Facility

This is used to recycle the Safety Kleen solvent used during truck maintenance and parts cleaning operations.

X

3. Septic Tanks

The septic tanks are located between the facility office building and the truck maintenance building (see Section V, Facility Diagram).

XI

4. Acidic Wastewater and Field Wastewater Collection System

Overfill from acid truck loading and minor chemical spillage from acid truck tanks is collected and treated by elementary neutralization in the truck loading facility. This facility is also used for treatment and containment of field wastewater which is generated as a result of rinsing the interior of pump trucks, blenders and transportation trucks. Liquids are collected, treated by elementary neutralization then passed through a 1 ft. by 20 ft. by 10 inch deep sump. Liquids are piped from the sump to the three fiberglass underground storage tanks utilized for truck washwater.

XI

5. Drum Storage Area

Empty drums generated at the facility are stored in a bermed area specifically designated for this purpose. The area may contain up to 200 drums at one time.

RECEIVED

MAY 08 1995

**UCD HOBBS
OFFICE**

IX

X

XI

XI

RECEIVED

MAY 08 1995

**JOCD HOBBS
OFFICE**

SECTION IX

PROPOSED MODIFICATION

IX

X

XI

XII

RECEIVED

MAY 08 1995

UCD HOBBS
OFFICE

PROPOSED MODIFICATION

On February 7, 1991, The Western Company of North America (Western-Hobbs) facility was inspected by Oil Conservation, Division of the State of New Mexico. During the visit, modifications to the Western-Hobbs facility were proposed to improve the quality of effluent discharged from the facility. Table IX-I summarizes these modifications and schedule to perform the modifications.

Fuel Island and Acid Dock The Western-Hobbs is planning to complete renovating the Fuel Island and the Acid Loading Dock by year end 1992. The renovation for the fuel island will consist of all three items listed in Table I under Fuel Island. The acid loading area will be rebuilt with new drive and drain. The vent system will be moved inside the retaining wall.

Wastewater A leak detection system will be installed for the three buried fiberglass tanks used to store wastewater at the facility. The leak detection system will consist of monitor wells placed around the buried tanks. The monitor wells will be checked on a monthly basis to insure no leaks are present in the tanks. This monthly monitoring will be done instead of performing an annual leak inspection on the three tanks. The monitor wells are expected to be installed by year end 1992.

Facility Wide Drum storage areas will have concrete pads built so that drums will be on concrete not soil. The concrete pads will have retaining curbs on all sides to prevent runoff from spills or rainfall. The curbs will extend 3 to 4 inches above the top of the pad. These drum storage pads are expected to be completed by year end 1992.

Drainage A proposed modification was made to close off the drainage culvert on the southeast corner of the facility yard and install a retaining wall to stop runoff. The Western Company of North America (WCNA) feels that closing off the drainage culvert will create drainage problems on the facility yard. WCNA plans to conduct an engineering study to look at alternative solutions to closing the culvert.

RECEIVED

MAY 08 1995

UCD HOBBS
OFFICE

TABLE IX.1
PROPOSED MODIFICATIONS

Fuel Island:

1. Need to expand pad to end of retaining wall around fuel tanks to catch any spillage.
2. Put curb around diesel pump. Packing oil and diesel tanks to be moved 100' from water wall bore and put on pad with curb.
3. Engine oil tank needs pad and containment wall.

Acid Dock:

1. Rebuild drive and drain.
2. Vent system needs retaining wall.

Wastewater:

1. Buried tanks need inspection annually for leaks.
2. Need to set up leak detection system.

Drainage:

1. Southeast corner of yard - close off culvert and put up retaining wall to stop runoff.

Facility Wide:

1. All drums must be on pads with curbs.
2. All curbs as mentioned above are suggested to be 3" to 4" high.

X

XI

XII

RECEIVED

MAY 08 1985

UCD HOBBS
OFFICE

SECTION X
INSPECTION PLAN

X

XI

XI

INSPECTION PLAN

The Western Company of North America's (Western-Hobbs) facility is inspected monthly (to be performed during the calendar month) by the designated Environmental Coordinator on site using an inspection check list as shown as Table X-1. The facility is also inspected yearly by the Environmental Supervisor sent from the WCNA Houston office. Corrective action will be taken whenever deficiency is found. The actions taken are documented, dated and signed by the Environmental Coordinator on site.

RECEIVED

MAY 08 1995

UCD HOBBS
OFFICE

XI

XII

RECEIVED

MAY 08 1995

UCD HOBBS
OFFICE

page 1 of 2

THE WESTERN COMPANY OF NORTH AMERICA
SITE FACILITY ENVIRONMENTAL INSPECTION REPORT

LOCATION:

DATE:

BY:

ITEMS:

OK

A

RECORDS

- IS THE ENVIRONMENTAL FILING SYSTEM IN GOOD ORDER? _____
- HAVE THE DISPOSAL RECORDS BEEN FILED? _____
- HAVE THE DAILY TANK GAUGING RECORDS BEEN FILED? _____
- HAVE THE ENVIRONMENTAL INSPECTION RECORDS BEEN FILED? _____
- HAVE PERMITS & REGISTRATIONS BEEN FILED? _____
- HAVE THE ENVIRONMENTAL REPORTS TO THE GOVERNMENT BEEN SUBMITTED ON TIME? _____
- HAS THE TEST DATA BEEN FILED? _____

YARD:

- IS THE YARD CLEAN, FREE OF TRASH & OIL STAINS, OVERALL? _____
- ARE ALL OF THE SPILLS CLEANED? _____
- IS ALL VEGETATION HEALTHY? _____
- ARE THE DRAINAGE DITCHES CLEAN WITH NO OIL SHEEN ON THE STANDING WATER? _____
- IS THE pH OF THE SURFACE WATER IN THE YARD OR IN THE DRAINAGE DITCH BETWEEN 6 & 8? _____
- IS THERE AN EFFORT TO ASSURE THAT NO OILY OR ACIDIC FLUID IS FLOWING OFF THE SITE? _____
- IS THERE AN EFFORT TO ASSURE THAT NO POLLUTANT IS FLOWING TO OUR SITE? _____

FUEL ISLAND:

- ARE ALL SPILLS PROMPTLY CLEANED AND OIL STAIN FREE? _____
- IS THE SLB CLEAN AND OIL STAIN FREE? _____
- ARE TANK VALVES IN GOOD WORKING ORDER? _____

MAINTENANCE SHOP:

- IS THE PLACE CLEAN? _____
- IS THE WASTE OIL COLLECTING AREA CLEAN WITH MINIMUM OIL STAIN? _____
- IS THE WASTE ANTIFREEZE BEING PROPERLY HANDLED? _____
- ARE THE WASTE OIL & WASTE ANTIFREEZE COLLECTION DRUMS BEING PROPERLY LABELED & DATED? _____
- IS THE SAFETY KLEEN APPARATUS WORKING PROPERLY? _____

XI

XII

THE WESTERN COMPANY OF NORTH AMERICA
SITE FACILITY ENVIRONMENTAL INSPECTION REPORT

LOCATION:

DATE:

BY: **RECEIVED**

ITEMS:

OK

MAY 4 8 1995

DRUM STORAGE:

UCD HOBBS
OFFICE

- IS THERE AN EFFORT TO ELIMINATE EMPTY DRUMS? _____
- ARE ALL CONTAINERS IN GOOD CONDITION? _____
- ARE ALL CONTAINERS PROPERLY LABELED WITH READABLE LABELS? _____
- ARE ALL CONTAINERS CLOSED? _____
- ARE ALL SPILLS CLEANED & LEAKS PROMPTLY FIXED WITH NO CHEMICAL LEFT ON THE GROUND? _____

WET CHEMICAL STORAGE & DISPENSING AREA:

- ARE ALL SPILLS CLEANED UP, FLOORS CLEANED & LEAKS PROMPTLY FIXED? _____
- ARE ALL CONTAINERS PROPERLY LABELED WITH READABLE LABELS? _____
- ARE PROPER CHEMICAL DISPENSING PROCEDURES PRACTICED? _____
- IS THE PLACE CLEAN AND DRY? _____

ACID TANK:

- ARE ALL SPILLS CLEANED UP & LEAKS PROPERLY FIXED? _____
- IS THE OVERFILL STORAGE TANK ROUTINELY CHECKED FOR PH? _____
- IS THE TANK PROPERLY LABELED WITH A READABLE LABEL? _____

TRUCK WASH AREA:

- IS THE WASTE STORAGE TANK ROUTINELY CHECKED FOR PROPER pH? _____
- IS THE WASTE STORAGE TANK FULL? _____

DRY CHEMICAL STORAGE AREA:

- IS THE PLACE CLEAN & DRY? _____

SPC AREA:

- IS THE PLACE CLEAN AND FREE OF OIL STAINS? _____
- ARE ALL SPILLS CLEANED? _____

TRUCK INTERIOR CLEANING STATION:

- IS THE PLACE CLEAN AND THE GROUND FREE OF OIL STAIN? _____
- IS THE WASTE STORAGE TANK ROUTINELY CHECKED FOR PROPER pH? _____
- IS THE WASTE STORAGE TANK FULL? _____

XI

XII

RECEIVED

MAY 08 1995

OCD HOBBS
OFFICE

SECTION XI
CONTINGENCY PLAN

XI

XII

RECEIVED

MAY 08 1995

UCD HOBBS
OFFICE

EMERGENCY RESPONSE PLAN

This Emergency Plan is necessary for the district and its personnel to minimize personal injury, property damage and business interruptions caused by any catastrophe; such as, fire, flood, storm, tornado, etc.

I. Emergency Telephone Numbers

- A. Emergency Number - 911
- B. Hospital - 392-6581
- C. Ambulance - 393-8215
- D. Fire Department - 393-2105
- E. Police Department - 397-2431
- F. District Manager - 397-4105

II. Action Team Members

- A. Action Team make-up and duties - All operations concerning evacuation, rescue, spill containment, fire fighting procedures, securing utilities, medical (First Aid), public relations, clean-up and all clear to re-enter areas, will be handled by the district action team. This team will be made up of the district manager, operations supervisors, assistant operations supervisors and maintenance supervisor as listed below:

Moonroe Ables, District Manager
1125 Mesa Verde
Hobbs, NM 88240
505/392-4564

James Boling, Operations Supervisor
726 E Mesa
Hobbs, NM 88240
505/397-3792

Jim Kennedy, Maintenance Supervisor
208 E Mesa
Hobbs, NM 88240
505/393-4285

Bobby Rich, Facilities Supervisor
1626 N Gila Drive
Hobbs, NM 88240
505/393-6946

RECEIVED

MAY 08 1995

JOE D HOBBS
OFFICE

Morris Keith, Field Engineer
509 E Kiva
Hobbs, NM m 88240
505/392-1495

Shermon Walters, Environmental Coordinator
RR 1, 4614 Plains Hwy.
Lovington, NM 88260
505/396-5047

They will coordinate all operations and assign qualified personnel to perform whatever necessary actions or precautions that should be taken. This team will be the only authority when it comes to any operation that involves the districts security and protection. The "All Clear: signal to re-enter areas will come from them and only after inspecting those areas personally for safety and secured condition of each one. The team members will assign their standbys in the event of absence. Dispatch will be notified of these personnel and their location.

- B. Central control area will be under main sign on west side of yard next to West County Road, unless conditions permit to use of front office, where the dispatch office will be control area.

III. Fire Fighting Procedures

- A. Hazardous Materials Handling - Check hazardous material list of chemicals before attempting to fight any fires in bulk plant or acid dock area. Knowledgeable people such as facilities manager and bulk plant operators should be consulted before any fire fighting is attempted. Radioactive area is clearly marked on the back of the yard and should not be entered without contacting district engineer or lab personnel.
- B. Fire Extinguisher Locations - Location of all fire extinguishers is on map of yard facilities. Consult this reference before attempting to enter an area to fight a fire. All mobile equipment have a fire extinguisher mounted behind the cab.

- C. Securing Utilities - Electricity for entire district facility can be secured by throwing switches on power panels located on pole on the south side of the service road running along south fence line of Western property. This pole is situated at a point even with the southwest corner of the maintenance shop approximately 20 feet from Western property line. Power to the bulk plant alone is on the pole due north of bulk plant tanks, outside of Western fence line. The only gas to the wash-rack is from the butane tank on south side of general maintenance shop. Valve is on the tank which is approximately 100 feet from any building or structure. Only qualified personnel will be assigned to secure these areas with approval of the district and/or facilities manager.
- D. Fire Fighting Water Available - After power is secured the only available water source is the 10,000 gallon galvanized water tank on north side of the yard between the fuel island and chemical house. This tank is kept full at all times, but once power is out and tank drained, the well is unavailable for use. Fire department officials will make the decision as to what is needed. City water source connection is down West County Road south to Bender, then east to first hydrant on right, approximately one-half to three-fourths miles from Western property.

IV. Evacuation of Personnel and Equipment

- A. Personnel - All personnel on the district facility will meet in front of main office after given the order to evacuate. From that point, all personnel will go to the nearest safe point near the district to receive information on rescue, recovery and control measures to be taken. All clear signal will be given from this point as well.
- B. Equipment - Only equipment that is to be used in control and containment will be removed from the facility. Also any equipment that could be in immediate danger that can be removed without risking any personal harm or injury to personnel in the area should be removed. Equipment used to contain hazardous material spills will be moved to a safe place on the facility until ready for use.

RECEIVED

MAY 08 1965

JOE D HOBBS
OFFICE

RECEIVED

MAY 08 1995

JCD HOBBS
OFFICE

V. Security

All Situations and Incidence - All outside persons, including fire fighting personnel, will be kept off of the facility until the all clear has been given. The district manager will assign all those in charge of this duty. All outsiders must be kept out of the dangerous areas. The possibility of explosion, fumes, radioactive materials, etc., may be present and complete measures must be taken to control its confinement.

VI. Radioactive Material Handling

Review Western Radiation Manual for emergency procedures involving radioactive materials. Manuals for both Western and the State can be found in the front office in the lab and Safety & Training offices. Contact district engineer and safety & training supervisors. Only qualified personnel should be involved in clean-up and containment procedures.

VII. Public Relations

The district policy is to cooperate fully with members of the press and representatives of the public. District policy is to provide all possible factual information as quickly as possible within the normal limits of safety and security. The district manager will designate the person or persons responsible for this activity.

VIII. Serious Injuries and Fatalities

Responsibility - A personal visit by the manager and any other personnel assigned by the manager is recommended when informing the family of the circumstances. This should be done as soon as possible and in a manner in line with Western philosophy and procedure.

IX. Medical

- A. All operating field personnel will be qualified in basic first aid and will help with the injuries on the scene until qualified medical help arrives. These personnel will be designated by the district manager or any other personnel assigned by the manager. First aid supplies will be supplied using facility and mobile kits available at the time.
- B. In case of chemical poisoning and help cannot be obtained from the Fort Worth office, you should call

MAY 08 1985

JCD HOBBS
OFFICE

the nearest poison control center available. Consult Material Safety Data Sheets manual to find information on first aid measures to be taken until qualified help can be reached. Manual can be found in district safety & training super-visor's office.

X. Spill Control and Containment

- A. Acid Tank Failure - First clear area of all personnel and give aid to the injured. Establish security measures and keep all personnel clear of the area. An action team comprised of district manager, facilities manager and safety & training supervisor will select personnel to start clean-up and containment procedures. A forklift will be activated and utilized to move soda ash and lime to the lowest point in the facilities to dam up fluid flow and neutralize strong acid on the surface. Construction companies in the area will be contacted to bring in materials to strengthen the dam so as to contain all fluid within the facilities. Next will be the ordering of clean-up equipment, ie; front loader, dump trucks, fill material, vacuum trucks, etc. Western (district) transports will be positioned on the east side of the maintenance shop and office area. There the vacuum trucks will meet with the transports to begin pulling fluid off the ground and washing down with fresh water to force the strong fluid to the low point in the yard where all fluid on the ground will be pulled into the vacuum trucks and moved to a disposal well or area.

After all fluid is picked up off of the ground, clean-up and repair operations will commence using all district personnel available. Action team will coordinate all operations.

- B. Hazardous Material Leakage - When there is a leak or suspected leakage occurs at a hazardous materials storage facility, efforts shall be made to stop the leakage as soon as possible without endangering personnel safety. Containment dikes shall be built to contain the spillage. The materials will be picked up by absorbent material and placed inside containers or containment area before disposal by qualifying disposal company. The incident shall be reported to the National Response Center, the local authority and Western's corporate environmental office.

XII

SECTION XII
GEOLOGICAL/HYDROLOGICAL EVIDENCE

RECEIVED

MAY 08 1995

QCD HOBBS
OFFICE

XII

GEOLOGICAL/HYDROLOGICAL EVIDENCE

No geological information is available. When the water well on this site was drilled there was either no well log run or the log cannot be located.

RECEIVED

MAY 08 1995

**UCD HOBBS
OFFICE**

WESTERN PETROLEUM SERVICES DISTRICT FACILITY SAFETY INSPECTION REPORT

LOCATION INSPECTED <i>Hobbs</i>	DATE OF INSPECTION <i>1-9-95</i>	INSPECTED BY <i>J. FRAZIER/Boling</i>
------------------------------------	-------------------------------------	--

INSTRUCTIONS:

INSPECT EACH AREA INDIVIDUALLY. PLACE AN (X) IN THE NO PROVIDED ONLY IF CONDITION REQUIRES ACTION, AND EXPLAIN IN REMARKS AREA. AN (X) IN THE YES INDICATES THAT THE CONDITION IS SATISFACTORY.

Office, Yard and Locker Rooms	Yes	No
1. Is the Occupational Safety and Health Act poster posted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Is the OSHA Log (Form 200) maintained?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Is good housekeeping maintained (clean, dry, orderly rooms and work areas, unobstructed passageways, dry floors, floors and walkways free from tripping hazards, no potholes or large cracks in driveways, waste containers emptied in office daily)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Are extension cords grounded and in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Are all covers in place on electrical switches and outlet boxes?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Are extinguishers inspected on a monthly basis and marked accordingly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Are addresses and phone numbers of company doctors, ambulance services, fire departments, and police departments posted near phone?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Fuel Island	Yes	No
8. Are "No Smoking" signs displayed and is rule enforced?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Is good housekeeping maintained (clean, dry, free of combustibles, no open flames, no spark-producing devices)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Are adequate dikes provided for above-ground tanks and are dikes maintained in a serviceable condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Maintenance Shop - Wash Rack	Yes	No
11. Is good housekeeping maintained (clean, dry, orderly rooms and work areas, spills cleaned up promptly, waste containers provided and emptied daily)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12. Are all required warning signs posted (no smoking, eye protection required, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13. Are all portable electrical tools properly grounded?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Is tool rest adjusted to 1/8 inch of wheel on grinders?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15. Are mechanical guards in place and in good condition (bench grinders, drill press, air compressor, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16. Are all covers in place on electrical switches and outlet boxes?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Maintenance Shop - Cont.	Yes	No
17. Are compressed gas cylinders kept from excessive heat, stored at least 20 ft. from combustible materials, secured and chained in a valve-end-up position?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
18. Is the valve protection cap for compressed gas cylinders in place except when the cylinder is in use or connected for use?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
19. Are oxygen cylinders separated from fuel /gas cylinders by a minimum distance of 20 ft. or by a noncombustible barrier at least 5 ft. high with a 1/2 hour fire-resistance rating?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
20. Are all welding cables completely insulated and free from repair or splices within 10 ft. from electrode holder?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21. Are in-line flash-back protectors provided on all gas welding torches?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
22. Is proper shielding, gloves and eye protection available for use during welding operations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23. Are all flammables stored in approved flammable storage cabinets?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
24. Are fire extinguisher locations conspicuously marked and is access kept clear and unobstructed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25. Are extinguishers inspected on a monthly basis, recharged or replaced as necessary and tagged accordingly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
26. Is a gas detector installed in truck washer room? Does it function properly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Acid Dock	Yes	No
27. Are emergency eyewash and showers available and are they in serviceable condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
28. Is protective clothing for use when handling acids and corrosives available and in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
29. Are all walkways secure and in serviceable condition with walking surfaces kept clean, free of obstructions and trip and fall hazards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
30. Is acid tank loading platform structurally sound?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
31. Is acid tank conspicuously marked on all sides with corrosive placard?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
32. Is adequate lighting provided for night operations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Warehouse - Bulk Plant	Yes	No
33. Is good housekeeping maintained (clean, dry, orderly, spills cleaned up promptly, waste containers provided and emptied daily)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
34. Are all required warning signs posted (no smoking, eye protection required, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
35. Are all mechanical guards in place and in good condition (conveyors, air compressors, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
36. Are all covers in place on electrical switches and outlet boxes?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
37. Are fire extinguisher locations conspicuously marked and is access kept clear and unobstructed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
38. Are fire extinguishers inspected on a monthly basis, recharged or replaced as necessary and tagged accordingly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
39. Are hand powered trucks in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
40. Are stored materials securely stacked, interlocked, blocked and limited in height to safeguard against collapse?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
41. Are reactive items segregated and are proper storage areas conspicuously marked (dry and liquid)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
42. Are bonding and grounding procedures followed when drums of flammable liquids are set up for dispensing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
43. Are flammable liquid storage areas posted "No Smoking" and is rule enforced?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
44. Are drums which are arranged for dispensing equipped with self-closing spigots and flame arrestors?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Vehicles on Yard	Yes	No
45. Are fire extinguishers in place charged and tagged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
46. Is first aid kit available in each vehicle and are its contents complete?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
47. Is vehicle supplied with D.O.T. approved reflective triangles?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
48. Are chock blocks in use?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
49. Are rearview mirrors in place and in serviceable condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
50. Is vehicle inspection certificate current and properly displayed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

General Security	Yes	No
51. Are fences and gates intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
52. Is yard lighting fully operational?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
53. Are keys to the facility controlled?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
54. Are keys removed from cars, pick-ups, and vans when not in use?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
55. Are padlocks retained locked on unlocked doors or gates?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
56. Is access to parts room controlled?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

REMARKS:

*30. ACID TANK split - Phillip Box
Notified*

RECEIVED

MAY 08 1995

JCD HOBBS
OFFICE

INSPECTOR'S SIGNATURE <i>J. Frazier</i>	DATE <i>1-9-95</i>	LOCATION MGR'S APPROVAL	DATE
--	-----------------------	-------------------------	------

WESTERN PETROLEUM SERVICES DISTRICT FACILITY SAFETY INSPECTION REPORT

LOCATION INSPECTED <i>Hobbs</i>	DATE OF INSPECTION <i>12-7-94</i>	INSPECTED BY <i>J. FRAZIER</i>
------------------------------------	--------------------------------------	-----------------------------------

INSTRUCTIONS:

INSPECT EACH AREA INDIVIDUALLY. PLACE AN (X) IN THE NO PROVIDED ONLY IF CONDITION REQUIRES ACTION, AND EXPLAIN IN REMARKS AREA. AN (X) IN THE YES INDICATES THAT THE CONDITION IS SATISFACTORY.

Office, Yard and Locker Rooms	Yes	No
1. Is the Occupational Safety and Health Act poster posted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Is the OSHA Log (Form 200) maintained?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Is good housekeeping maintained (clean, dry, orderly rooms and work areas, unobstructed passageways, dry floors, floors and walkways free from tripping hazards, no potholes or large cracks in driveways, waste containers emptied in office daily)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Are extension cords grounded and in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Are all covers in place on electrical switches and outlet boxes?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Are extinguishers inspected on a monthly basis and marked accordingly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Are addresses and phone numbers of company doctors, ambulance services, fire departments, and police departments posted near phone?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Fuel Island	Yes	No
8. Are "No Smoking" signs displayed and is rule enforced?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Is good housekeeping maintained (clean, dry, free of combustibles, no open flames, no spark-producing devices)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Are adequate dikes provided for above-ground tanks and are dikes maintained in a serviceable condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Maintenance Shop - Wash Rack	Yes	No
11. Is good housekeeping maintained (clean, dry, orderly rooms and work areas, spills cleaned up promptly, waste containers provided and emptied daily)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12. Are all required warning signs posted (no smoking, eye protection required, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13. Are all portable electrical tools properly grounded?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Is tool rest adjusted to 1/8 inch of wheel on grinders?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15. Are mechanical guards in place and in good condition (bench grinders, drill press, air compressor, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16. Are all covers in place on electrical switches and outlet boxes?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Maintenance Shop - Cont.	Yes	No
17. Are compressed gas cylinders kept from excessive heat, stored at least 20 ft. from combustible materials, secured and chained in a valve-end-up position?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
18. Is the valve protection cap for compressed gas cylinders in place except when the cylinder is in use or connected for use?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
19. Are oxygen cylinders separated from fuel /gas cylinders by a minimum distance of 20 ft. or by a noncombustible barrier at least 5 ft. high with a 1/2 hour fire-resistance rating?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
20. Are all welding cables completely insulated and free from repair or splices within 10 ft. from electrode holder?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21. Are in-line flash-back protectors provided on all gas welding torches?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
22. Is proper shielding, gloves and eye protection available for use during welding operations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23. Are all flammables stored in approved flammable storage cabinets?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
24. Are fire extinguisher locations conspicuously marked and is access kept clear and unobstructed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25. Are extinguishers inspected on a monthly basis, recharged or replaced as necessary and tagged accordingly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
26. Is a gas detector installed in truck washer room? Does it function properly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Acid Dock	Yes	No
27. Are emergency eyewash and showers available and are they in serviceable condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
28. Is protective clothing for use when handling acids and corrosives available and in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
29. Are all walkways secure and in serviceable condition with walking surfaces kept clean, free of obstructions and trip and fall hazards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
30. Is acid tank loading platform structurally sound?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
31. Is acid tank conspicuously marked on all sides with corrosive placard?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
32. Is adequate lighting provided for night operations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Warehouse - Bulk Plant	Yes	No
33. Is good housekeeping maintained (clean, dry, orderly, spills cleaned up promptly, waste containers provided and emptied daily)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
34. Are all required warning signs posted (no smoking, eye protection required, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
35. Are all mechanical guards in place and in good condition (conveyors, air compressors, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
36. Are all covers in place on electrical switches and outlet boxes?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
37. Are fire extinguisher locations conspicuously marked and is access kept clear and unobstructed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
38. Are fire extinguishers inspected on a monthly basis, recharged or replaced as necessary and tagged accordingly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
39. Are hand powered trucks in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
40. Are stored materials securely stacked, interlocked, blocked and limited in height to safeguard against collapse?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
41. Are reactive items segregated and are proper storage areas conspicuously marked (dry and liquid)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
42. Are bonding and grounding procedures followed when drums of flammable liquids are set up for dispensing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
43. Are flammable liquid storage areas posted "No Smoking" and is rule enforced?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
44. Are drums which are arranged for dispensing equipped with self-closing spigots and flame arrestors?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Vehicles on Yard	Yes	No
45. Are fire extinguishers in place charged and tagged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
46. Is first aid kit available in each vehicle and are its contents complete?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
47. Is vehicle supplied with D.O.T. approved reflective triangles?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
48. Are chock blocks in use?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
49. Are rearview mirrors in place and in serviceable condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
50. Is vehicle inspection certificate current and properly displayed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

General Security	Yes	No
51. Are fences and gates intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
52. Is yard lighting fully operational?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
53. Are keys to the facility controlled?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
54. Are keys removed from cars, pick-ups, and vans when not in use?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
55. Are padlocks retained locked on unlocked doors or gates?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
56. Is access to parts room controlled?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

REMARKS:

RECEIVED

MAY 08 1995

UCD HOBBS OFFICE

INSPECTOR'S SIGNATURE <i>J. Frazier</i>	DATE <i>12-7-94</i>	LOCATION MGR'S APPROVAL	DATE
--	------------------------	-------------------------	------

WESTERN PETROLEUM SERVICES DISTRICT FACILITY SAFETY INSPECTION REPORT

LOCATION INSPECTED <i>Ho hbs</i>	DATE OF INSPECTION <i>11-16-94</i>	INSPECTED BY <i>J. F. BOZIER</i>
-------------------------------------	---------------------------------------	-------------------------------------

INSTRUCTIONS:

INSPECT EACH AREA INDIVIDUALLY. PLACE AN (X) IN THE NO PROVIDED ONLY IF CONDITION REQUIRES ACTION, AND EXPLAIN IN REMARKS AREA. AN (X) IN THE YES INDICATES THAT THE CONDITION IS SATISFACTORY.

Office, Yard and Locker Rooms	Yes	No
1. Is the Occupational Safety and Health Act poster posted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Is the OSHA Log (Form 200) maintained?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Is good housekeeping maintained (clean, dry, orderly rooms and work areas, unobstructed passageways, dry floors, floors and walkways free from tripping hazards, no potholes or large cracks in driveways, waste containers emptied in office daily?)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Are extension cords grounded and in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Are all covers in place on electrical switches and outlet boxes?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Are extinguishers inspected on a monthly basis and marked accordingly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Are addresses and phone numbers of company doctors, ambulance services, fire departments, and police departments posted near phone?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Fuel Island	Yes	No
8. Are "No Smoking" signs displayed and is rule enforced?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Is good housekeeping maintained (clean, dry, free of combustibles, no open flames, no spark-producing devices)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Are adequate dikes provided for above-ground tanks and are dikes maintained in a serviceable condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Maintenance Shop - Wash Rack	Yes	No
11. Is good housekeeping maintained (clean, dry, orderly rooms and work areas, spills cleaned up promptly, waste containers provided and emptied daily)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12. Are all required warning signs posted (no smoking, eye protection required, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13. Are all portable electrical tools properly grounded?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Is tool rest adjusted to 1/8 inch of wheel on grinders?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15. Are mechanical guards in place and in good condition (bench grinders, drill press, air compressor, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16. Are all covers in place on electrical switches and outlet boxes?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Maintenance Shop - Cont.	Yes	No
17. Are compressed gas cylinders kept from excessive heat, stored at least 20 ft. from combustible materials, secured and chained in a valve-end-up position?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
18. Is the valve protection cap for compressed gas cylinders in place except when the cylinder is in use or connected for use?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
19. Are oxygen cylinders separated from fuel /gas cylinders by a minimum distance of 20 ft. or by a noncombustible barrier at least 5 ft. high with a 1/2 hour fire-resistance rating?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
20. Are all welding cables completely insulated and free from repair or splices within 10 ft. from electrode holder?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21. Are in-line flash-back protectors provided on all gas welding torches?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
22. Is proper shielding, gloves and eye protection available for use during welding operations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23. Are all flammables stored in approved flammable storage cabinets?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
24. Are fire extinguisher locations conspicuously marked and is access kept clear and unobstructed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25. Are extinguishers inspected on a monthly basis, recharged or replaced as necessary and tagged accordingly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
26. Is a gas detector installed in truck washer room? Does it function properly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Acid Dock	Yes	No
27. Are emergency eyewash and showers available and are they in serviceable condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
28. Is protective clothing for use when handling acids and corrosives available and in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
29. Are all walkways secure and in serviceable condition with walking surfaces kept clean, free of obstructions and trip and fall hazards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
30. Is acid tank loading platform structurally sound?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
31. Is acid tank conspicuously marked on all sides with corrosive placard?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
32. Is adequate lighting provided for night operations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Warehouse - Bulk Plant	Yes	No
33. Is good housekeeping maintained (clean, dry, orderly, spills cleaned up promptly, waste containers provided and emptied daily)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
34. Are all required warning signs posted (no smoking, eye protection required, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
35. Are all mechanical guards in place and in good condition (conveyors, air compressors, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
36. Are all covers in place on electrical switches and outlet boxes?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
37. Are fire extinguisher locations conspicuously marked and is access kept clear and unobstructed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
38. Are fire extinguishers inspected on a monthly basis, recharged or replaced as necessary and tagged accordingly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
39. Are hand powered trucks in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
40. Are stored materials securely stacked, interlocked, blocked and limited in height to safeguard against collapse?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
41. Are reactive items segregated and are proper storage areas conspicuously marked (dry and liquid)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
42. Are bonding and grounding procedures followed when drums of flammable liquids are set up for dispensing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
43. Are flammable liquid storage areas posted "No Smoking" and is rule enforced?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
44. Are drums which are arranged for dispensing equipped with self-closing spigots and flame arrestors?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Vehicles on Yard	Yes	No
45. Are fire extinguishers in place charged and tagged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
46. Is first aid kit available in each vehicle and are its contents complete?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
47. Is vehicle supplied with D.O.T. approved reflective triangles?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
48. Are chock blocks in use?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
49. Are rearview mirrors in place and in serviceable condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
50. Is vehicle inspection certificate current and properly displayed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

General Security	Yes	No
51. Are fences and gates intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
52. Is yard lighting fully operational?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
53. Are keys to the facility controlled?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
54. Are keys removed from cars, pick-ups, and vans when not in use?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
55. Are padlocks retained locked on unlocked doors or gates?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
56. Is access to parts room controlled?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

REMARKS:

33. SPC MIXING AREA needs cleaning

RECEIVED

MAY 0 8 1995
JOE HOBBBS
OFFICE

INSPECTOR'S SIGNATURE <i>Jim Frayle</i>	DATE <i>11-16-94</i>	LOCATION MGR'S APPROVAL	DATE
--	-------------------------	-------------------------	------

WESTERN PETROLEUM SERVICES DISTRICT FACILITY SAFETY INSPECTION REPORT

LOCATION INSPECTED <i>Hoobs</i>	DATE OF INSPECTION <i>10-5-94</i>	INSPECTED BY <i>J. FRAZIER</i>
------------------------------------	--------------------------------------	-----------------------------------

INSTRUCTIONS:

INSPECT EACH AREA INDIVIDUALLY. PLACE AN (X) IN THE NO PROVIDED ONLY IF CONDITION REQUIRES ACTION, AND EXPLAIN IN REMARKS AREA. AN (X) IN THE YES INDICATES THAT THE CONDITION IS SATISFACTORY.

Office, Yard and Locker Rooms	Yes	No
1. Is the Occupational Safety and Health Act poster posted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Is the OSHA Log (Form 200) maintained?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Is good housekeeping maintained (clean, dry, orderly rooms and work areas, unobstructed passageways, dry floors, floors and walkways free from tripping hazards, no potholes or large cracks in driveways, waste containers emptied in office daily)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Are extension cords grounded and in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Are all covers in place on electrical switches and outlet boxes?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Are extinguishers inspected on a monthly basis and marked accordingly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Are addresses and phone numbers of company doctors, ambulance services, fire departments, and police departments posted near phone?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Fuel Island	Yes	No
8. Are "No Smoking" signs displayed and is rule enforced?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Is good housekeeping maintained (clean, dry, free of combustibles, no open flames, no spark-producing devices)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Are adequate dikes provided for above-ground tanks and are dikes maintained in a serviceable condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Maintenance Shop - Wash Rack	Yes	No
11. Is good housekeeping maintained (clean, dry, orderly rooms and work areas, spills cleaned up promptly, waste containers provided and emptied daily)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12. Are all required warning signs posted (no smoking, eye protection required, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13. Are all portable electrical tools properly grounded?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Is tool rest adjusted to 1/8 inch of wheel on grinders?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15. Are mechanical guards in place and in good condition (bench grinders, drill press, air compressor, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16. Are all covers in place on electrical switches and outlet boxes?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Maintenance Shop - Cont.	Yes	No
17. Are compressed gas cylinders kept from excessive heat, stored at least 20 ft. from combustible materials, secured and chained in a valve-end-up position?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
18. Is the valve protection cap for compressed gas cylinders in place except when the cylinder is in use or connected for use?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
19. Are oxygen cylinders separated from fuel/gas cylinders by a minimum distance of 20 ft. or by a noncombustible barrier at least 5 ft. high with a 1/2 hour fire-resistance rating?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
20. Are all welding cables completely insulated and free from repair or splices within 10 ft. from electrode holder?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21. Are in-line flash-back protectors provided on all gas welding torches?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
22. Is proper shielding, gloves and eye protection available for use during welding operations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23. Are all flammables stored in approved flammable storage cabinets?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
24. Are fire extinguisher locations conspicuously marked and is access kept clear and unobstructed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25. Are extinguishers inspected on a monthly basis, recharged or replaced as necessary and tagged accordingly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
26. Is a gas detector installed in truck washer room? Does it function properly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Acid Dock	Yes	No
27. Are emergency eyewash and showers available and are they in serviceable condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
28. Is protective clothing for use when handling acids and corrosives available and in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
29. Are all walkways secure and in serviceable condition with walking surfaces kept clean, free of obstructions and trip and fall hazards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
30. Is acid tank loading platform structurally sound?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
31. Is acid tank conspicuously marked on all sides with corrosive placard?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
32. Is adequate lighting provided for night operations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Warehouse - Bulk Plant	Yes	No
33. Is good housekeeping maintained (clean, dry, orderly, spills cleaned up promptly, waste containers provided and emptied daily)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
34. Are all required warning signs posted (no smoking, eye protection required, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
35. Are all mechanical guards in place and in good condition (conveyors, air compressors, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
36. Are all covers in place on electrical switches and outlet boxes?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
37. Are fire extinguisher locations conspicuously marked and is access kept clear and unobstructed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
38. Are fire extinguishers inspected on a monthly basis, recharged or replaced as necessary and tagged accordingly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
39. Are hand powered trucks in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
40. Are stored materials securely stacked, interlocked, blocked and limited in height to safeguard against collapse?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
41. Are reactive items segregated and are proper storage areas conspicuously marked (dry and liquid)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
42. Are bonding and grounding procedures followed when drums of flammable liquids are set up for dispensing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
43. Are flammable liquid storage areas posted "No Smoking" and is rule enforced?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
44. Are drums which are arranged for dispensing equipped with self-closing spigots and flame arrestors?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Vehicles on Yard	Yes	No
45. Are fire extinguishers in place charged and tagged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
46. Is first aid kit available in each vehicle and are its contents complete?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
47. Is vehicle supplied with D.O.T. approved reflective triangles?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
48. Are chock blocks in use?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
49. Are rearview mirrors in place and in serviceable condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
50. Is vehicle inspection certificate current and properly displayed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

General Security	Yes	No
51. Are fences and gates intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
52. Is yard lighting fully operational?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
53. Are keys to the facility controlled?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
54. Are keys removed from cars, pick-ups, and vans when not in use?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
55. Are padlocks retained locked on unlocked doors or gates?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
56. Is access to parts room controlled?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

REMARKS:

RECEIVED

MAY 08 1995

J.C.D. HOOBS OFFICE

INSPECTOR'S SIGNATURE <i>Jim Frazier</i>	DATE <i>10-5-94</i>	LOCATION MGR'S APPROVAL	DATE
---	------------------------	-------------------------	------

WESTERN PETROLEUM SERVICES DISTRICT FACILITY SAFETY INSPECTION REPORT

LOCATION INSPECTED <i>Hobbs</i>	DATE OF INSPECTION <i>9-12-94</i>	INSPECTED BY <i>J. FRAZIER</i>
------------------------------------	--------------------------------------	-----------------------------------

INSTRUCTIONS:

INSPECT EACH AREA INDIVIDUALLY. PLACE AN (X) IN THE NO PROVIDED ONLY IF CONDITION REQUIRES ACTION, AND EXPLAIN IN REMARKS AREA. AN (X) IN THE YES INDICATES THAT THE CONDITION IS SATISFACTORY.

Office, Yard and Locker Rooms	Yes	No
1. Is the Occupational Safety and Health Act poster posted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Is the OSHA Log (Form 200) maintained?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Is good housekeeping maintained (clean, dry, orderly rooms and work areas, unobstructed passageways, dry floors, floors and walkways free from tripping hazards, no potholes or large cracks in driveways, waste containers emptied in office daily)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Are extension cords grounded and in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Are all covers in place on electrical switches and outlet boxes?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Are extinguishers inspected on a monthly basis and marked accordingly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Are addresses and phone numbers of company doctors, ambulance services, fire departments, and police departments posted near phone?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Fuel Island	Yes	No
8. Are "No Smoking" signs displayed and is rule enforced?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Is good housekeeping maintained (clean, dry, free of combustibles, no open flames, no spark-producing devices)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Are adequate dikes provided for above-ground tanks and are dikes maintained in a serviceable condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Maintenance Shop - Wash Rack	Yes	No
11. Is good housekeeping maintained (clean, dry, orderly rooms and work areas, spills cleaned up promptly, waste containers provided and emptied daily)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12. Are all required warning signs posted (no smoking, eye protection required, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13. Are all portable electrical tools properly grounded?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Is tool rest adjusted to 1/8 inch of wheel on grinders?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15. Are mechanical guards in place and in good condition (bench grinders, drill press, air compressor, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16. Are all covers in place on electrical switches and outlet boxes?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Maintenance Shop - Cont.	Yes	No
17. Are compressed gas cylinders kept from excessive heat, stored at least 20 ft. from combustible materials, secured and chained in a valve-end-up position?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
18. Is the valve protection cap for compressed gas cylinders in place except when the cylinder is in use or connected for use?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
19. Are oxygen cylinders separated from fuel/gas cylinders by a minimum distance of 20 ft. or by a noncombustible barrier at least 5 ft. high with a 1/2 hour fire-resistance rating?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
20. Are all welding cables completely insulated and free from repair or splices within 10 ft. from electrode holder?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21. Are in-line flash-back protectors provided on all gas welding torches?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
22. Is proper shielding, gloves and eye protection available for use during welding operations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23. Are all flammables stored in approved flammable storage cabinets?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
24. Are fire extinguisher locations conspicuously marked and is access kept clear and unobstructed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25. Are extinguishers inspected on a monthly basis, recharged or replaced as necessary and tagged accordingly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
26. Is a gas detector installed in truck washer room? Does it function properly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Acid Dock	Yes	No
27. Are emergency eyewash and showers available and are they in serviceable condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
28. Is protective clothing for use when handling acids and corrosives available and in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
29. Are all walkways secure and in serviceable condition with walking surfaces kept clean, free of obstructions and trip and fall hazards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
30. Is acid tank loading platform structurally sound?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
31. Is acid tank conspicuously marked on all sides with corrosive placard?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
32. Is adequate lighting provided for night operations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Warehouse - Bulk Plant	Yes	No
33. Is good housekeeping maintained (clean, dry, orderly, spills cleaned up promptly, waste containers provided and emptied daily)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
34. Are all required warning signs posted (no smoking, eye protection required, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
35. Are all mechanical guards in place and in good condition (conveyors, air compressors, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
36. Are all covers in place on electrical switches and outlet boxes?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
37. Are fire extinguisher locations conspicuously marked and is access kept clear and unobstructed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
38. Are fire extinguishers inspected on a monthly basis, recharged or replaced as necessary and tagged accordingly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
39. Are hand powered trucks in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
40. Are stored materials securely stacked, interlocked, blocked and limited in height to safeguard against collapse?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
41. Are reactive items segregated and are proper storage areas conspicuously marked (dry and liquid)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
42. Are bonding and grounding procedures followed when drums of flammable liquids are set up for dispensing?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
43. Are flammable liquid storage areas posted "No Smoking" and is rule enforced?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
44. Are drums which are arranged for dispensing equipped with self-closing spigots and flame arrestors?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Vehicles on Yard	Yes	No
45. Are fire extinguishers in place charged and tagged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
46. Is first aid kit available in each vehicle and are its contents complete?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
47. Is vehicle supplied with D.O.T. approved reflective triangles?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
48. Are chock blocks in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
49. Are rearview mirrors in place and in serviceable condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
50. Is vehicle inspection certificate current and properly displayed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

General Security	Yes	No
51. Are fences and gates intact?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
52. Is yard lighting fully operational?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
53. Are keys to the facility controlled?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
54. Are keys removed from cars, pick-ups, and vans when not in use?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
55. Are padlocks retained locked on unlocked doors or gates?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
56. Is access to parts room controlled?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

REMARKS:

30. Acid loading plat form rusting
33. Warehouse needs cleaning
51. Fence had behind acid dock

RECEIVED

MAY 08 1995
JOE HOBBS
OFFICE

INSPECTOR'S SIGNATURE <i>J. Frazier</i>	DATE <i>9-12-94</i>	LOCATION WORKER'S APPROVAL	DATE
--	------------------------	----------------------------	------

WESTERN PETROLEUM SERVICES DISTRICT FACILITY SAFETY INSPECTION REPORT

LOCATION INSPECTED <i>Hobbs</i>	DATE OF INSPECTION <i>8-19-94</i>	INSPECTED BY <i>J. FRAZIER</i>
------------------------------------	--------------------------------------	-----------------------------------

INSTRUCTIONS:

INSPECT EACH AREA INDIVIDUALLY. PLACE AN (X) IN THE NO PROVIDED ONLY IF CONDITION REQUIRES ACTION, AND EXPLAIN IN REMARKS AREA. AN (X) IN THE YES INDICATES THAT THE CONDITION IS SATISFACTORY.

Office, Yard and Locker Rooms	Yes	No
1. Is the Occupational Safety and Health Act poster posted?	X	
2. Is the OSHA Log (Form 200) maintained?	X	
3. Is good housekeeping maintained (clean, dry, orderly rooms and work areas, unobstructed passageways, dry floors, floors and walkways free from tripping hazards, no potholes or large cracks in driveways, waste containers emptied in office daily?)	X	
4. Are extension cords grounded and in good condition?	X	
5. Are all covers in place on electrical switches and outlet boxes?	X	
6. Are extinguishers inspected on a monthly basis and marked accordingly?	X	
7. Are addresses and phone numbers of company doctors, ambulance services, fire departments, and police departments posted near phone?	X	

Fuel Island	Yes	No
8. Are "No Smoking" signs displayed and is rule enforced?	X	
9. Is good housekeeping maintained (clean, dry, free of combustibles, no open flames, no spark-producing devices)?	X	
10. Are adequate dikes provided for above-ground tanks and are dikes maintained in a serviceable condition?	X	

Maintenance Shop - Wash Rack	Yes	No
11. Is good housekeeping maintained (clean, dry, orderly rooms and work areas, spills cleaned up promptly, waste containers provided and emptied daily)?	X	
12. Are all required warning signs posted (no smoking, eye protection required, etc.)?	X	
13. Are all portable electrical tools properly grounded?	X	
14. Is tool rest adjusted to 1/8 inch of wheel on grinders?		X
15. Are mechanical guards in place and in good condition (bench grinders, drill press, air compressor, etc.)?	X	
16. Are all covers in place on electrical switches and outlet boxes?	X	

Maintenance Shop - Cont.	Yes	No
17. Are compressed gas cylinders kept from excessive heat, stored at least 20 ft. from combustible materials, secured and chained in a valve-end-up position?	X	
18. Is the valve protection cap for compressed gas cylinders in place except when the cylinder is in use or connected for use?	X	
19. Are oxygen cylinders separated from fuel /gas cylinders by a minimum distance of 20 ft. or by a noncombustible barrier at least 5 ft. high with a 1/2 hour fire-resistance rating?	X	
20. Are all welding cables completely insulated and free from repair or splices within 10 ft. from electrode holder?	X	
21. Are in-line flash-back protectors provided on all gas welding torches?	X	
22. Is proper shielding, gloves and eye protection available for use during welding operations?	X	
23. Are all flammables stored in approved flammable storage cabinets?	X	
24. Are fire extinguisher locations conspicuously marked and is access kept clear and unobstructed?	X	
25. Are extinguishers inspected on a monthly basis, recharged or replaced as necessary and tagged accordingly?	X	
26. Is a gas detector installed in truck washer room? Does it function properly?	X	

Acid Dock	Yes	No
27. Are emergency eyewash and showers available and are they in serviceable condition?	X	
28. Is protective clothing for use when handling acids and corrosives available and in good condition?	X	
29. Are all walkways secure and in serviceable condition with walking surfaces kept clean, free of obstructions and trip and fall hazards?		X
30. Is acid tank loading platform structurally sound?	X	
31. Is acid tank conspicuously marked on all sides with corrosive placard?	X	
32. Is adequate lighting provided for night operations?	X	

Warehouse - Bulk Plant	Yes	No
33. Is good housekeeping maintained (clean, dry, orderly, spills cleaned up promptly, waste containers provided and emptied daily)?	X	
34. Are all required warning signs posted (no smoking, eye protection required, etc.)?	X	
35. Are all mechanical guards in place and in good condition (conveyors, air compressors, etc.)?	X	
36. Are all covers in place on electrical switches and outlet boxes?	X	
37. Are fire extinguisher locations conspicuously marked and is access kept clear and unobstructed?	X	
38. Are fire extinguishers inspected on a monthly basis, recharged or replaced as necessary and tagged accordingly?	X	
39. Are hand powered trucks in good condition?	X	
40. Are stored materials securely stacked, interlocked, blocked and limited in height to safeguard against collapse?	X	
41. Are reactive items segregated and are proper storage areas conspicuously marked (dry and liquid)?	X	
42. Are bonding and grounding procedures followed when drums of flammable liquids are set up for dispensing?	N/A	
43. Are flammable liquid storage areas posted "No Smoking" and is rule enforced?	X	
44. Are drums which are arranged for dispensing equipped with self-closing spigots and flame arrestors?	N/A	

Vehicles on Yard	Yes	No
45. Are fire extinguishers in place charged and tagged?	X	
46. Is first aid kit available in each vehicle and are its contents complete?	X	
47. Is vehicle supplied with D.O.T. approved reflective triangles?	X	
48. Are chock blocks in use?	N/A	
49. Are rearview mirrors in place and in serviceable condition?	X	
50. Is vehicle inspection certificate current and properly displayed?	X	

General Security	Yes	No
51. Are fences and gates intact?	X	
52. Is yard lighting fully operational?	X	
53. Are keys to the facility controlled?	X	
54. Are keys removed from cars, pick-ups, and vans when not in use?	X	
55. Are padlocks retained locked on unlocked doors or gates?	X	
56. Is access to parts room controlled?	X	

REMARKS:

*Fence in poor condition behind
Acid Dock*

RECEIVED

MAY 08 1995

UCD HOBBS
OFFICE

INSPECTOR'S SIGNATURE <i>Jim Frazier</i>	DATE	LOCATION MGR'S APPROVAL	DATE
---	------	-------------------------	------

WESTERN PETROLEUM SERVICES DISTRICT FACILITY SAFETY INSPECTION REPORT

LOCATION INSPECTED <i>Hobbs</i>	DATE OF INSPECTION <i>7-20-94</i>	INSPECTED BY <i>J. FRAZIER/Bolina</i>
------------------------------------	--------------------------------------	--

INSTRUCTIONS:
INSPECT EACH AREA INDIVIDUALLY. PLACE AN (X) IN THE NO PROVIDED ONLY IF CONDITION REQUIRES ACTION, AND EXPLAIN IN REMARKS AREA. AN (X) IN THE YES INDICATES THAT THE CONDITION IS SATISFACTORY.

Office, Yard and Locker Rooms	Yes	No
1. Is the Occupational Safety and Health Act poster posted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Is the OSHA Log (Form 200) maintained?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Is good housekeeping maintained (clean, dry, orderly rooms and work areas, unobstructed passageways, dry floors, floors and walkways free from tripping hazards, no potholes or large cracks in driveways, waste containers emptied in office daily)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Are extension cords grounded and in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Are all covers in place on electrical switches and outlet boxes?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Are extinguishers inspected on a monthly basis and marked accordingly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Are addresses and phone numbers of company doctors, ambulance services, fire departments, and police departments posted near phone?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Fuel Island	Yes	No
8. Are "No Smoking" signs displayed and is rule enforced?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Is good housekeeping maintained (clean, dry, free of combustibles, no open flames, no spark-producing devices)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Are adequate dikes provided for above-ground tanks and are dikes maintained in a serviceable condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Maintenance Shop - Wash Rack	Yes	No
11. Is good housekeeping maintained (clean, dry, orderly rooms and work areas, spills cleaned up promptly, waste containers provided and emptied daily)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12. Are all required warning signs posted (no smoking, eye protection required, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13. Are all portable electrical tools properly grounded?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Is tool rest adjusted to 1/8 inch of wheel on grinders?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15. Are mechanical guards in place and in good condition (bench grinders, drill press, air compressor, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16. Are all covers in place on electrical switches and outlet boxes?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Maintenance Shop - Cont.	Yes	No
17. Are compressed gas cylinders kept from excessive heat, stored at least 20 ft. from combustible materials, secured and chained in a valve-end-up position?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
18. Is the valve protection cap for compressed gas cylinders in place except when the cylinder is in use or connected for use?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
19. Are oxygen cylinders separated from fuel/gas cylinders by a minimum distance of 20 ft. or by a noncombustible barrier at least 5 ft. high with a 1/2 hour fire-resistance rating?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
20. Are all welding cables completely insulated and free from repair or splices within 10 ft. from electrode holder?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21. Are in-line flash-back protectors provided on all gas welding torches?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
22. Is proper shielding, gloves and eye protection available for use during welding operations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23. Are all flammables stored in approved flammable storage cabinets?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
24. Are fire extinguisher locations conspicuously marked and is access kept clear and unobstructed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25. Are extinguishers inspected on a monthly basis, recharged or replaced as necessary and tagged accordingly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
26. Is a gas detector installed in truck washer room? Does it function properly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Acid Dock	Yes	No
27. Are emergency eyewash and showers available and are they in serviceable condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
28. Is protective clothing for use when handling acids and corrosives available and in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
29. Are all walkways secure and in serviceable condition with walking surfaces kept clean, free of obstructions and trip and fall hazards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
30. Is acid tank loading platform structurally sound?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
31. Is acid tank conspicuously marked on all sides with corrosive placard?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
32. Is adequate lighting provided for night operations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Warehouse - Bulk Plant	Yes	No
33. Is good housekeeping maintained (clean, dry, orderly, spills cleaned up promptly, waste containers provided and emptied daily)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
34. Are all required warning signs posted (no smoking, eye protection required, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
35. Are all mechanical guards in place and in good condition (conveyors, air compressors, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
36. Are all covers in place on electrical switches and outlet boxes?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
37. Are fire extinguisher locations conspicuously marked and is access kept clear and unobstructed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
38. Are fire extinguishers inspected on a monthly basis, recharged or replaced as necessary and tagged accordingly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
39. Are hand powered trucks in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
40. Are stored materials securely stacked, interlocked, blocked and limited in height to safeguard against collapse?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
41. Are reactive items segregated and are proper storage areas conspicuously marked (dry and liquid)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
42. Are bonding and grounding procedures followed when drums of flammable liquids are set up for dispensing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
43. Are flammable liquid storage areas posted "No Smoking" and is rule enforced?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
44. Are drums which are arranged for dispensing equipped with self-closing spigots and flame arrestors?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Vehicles on Yard	Yes	No
45. Are fire extinguishers in place charged and tagged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
46. Is first aid kit available in each vehicle and are its contents complete?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
47. Is vehicle supplied with D.O.T. approved reflective triangles?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
48. Are chock blocks in use?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
49. Are rearview mirrors in place and in serviceable condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
50. Is vehicle inspection certificate current and properly displayed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

General Security	Yes	No
51. Are fences and gates intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
52. Is yard lighting fully operational?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
53. Are keys to the facility controlled?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
54. Are keys removed from cars, pick-ups, and vans when not in use?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
55. Are padlocks retained locked on unlocked doors or gates?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
56. Is access to parts room controlled?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

REMARKS:

RECEIVED

MAY 08 1995

JCD HOBBS
OFFICE

INSPECTOR'S SIGNATURE <i>J. Frazier</i>	DATE	LOCATION MGR'S APPROVAL	DATE
--	------	-------------------------	------

WESTERN PETROLEUM SERVICES DISTRICT FACILITY SAFETY INSPECTION REPORT

LOCATION INSPECTED <i>170665</i>	DATE OF INSPECTION <i>3-14-95</i>	INSPECTED BY <i>J. FRAZIER</i>
-------------------------------------	--------------------------------------	-----------------------------------

INSTRUCTIONS:
INSPECT EACH AREA INDIVIDUALLY. PLACE AN (X) IN THE NO PROVIDED ONLY IF CONDITION REQUIRES ACTION, AND EXPLAIN IN REMARKS AREA. AN (X) IN THE YES INDICATES THAT THE CONDITION IS SATISFACTORY.

Office, Yard and Locker Rooms	Yes	No
1. Is the Occupational Safety and Health Act poster posted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Is the OSHA Log (Form 200) maintained?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Is good housekeeping maintained (clean, dry, orderly rooms and work areas, unobstructed passageways, dry floors, floors and walkways free from tripping hazards, no potholes or large cracks in driveways, waste containers emptied in office daily)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Are extension cords grounded and in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Are all covers in place on electrical switches and outlet boxes?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Are extinguishers inspected on a monthly basis and marked accordingly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Are addresses and phone numbers of company doctors, ambulance services, fire departments, and police departments posted near phone?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Fuel Island	Yes	No
8. Are "No Smoking" signs displayed and is rule enforced?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Is good housekeeping maintained (clean, dry, free of combustibles, no open flames, no spark-producing devices)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Are adequate dikes provided for above-ground tanks and are dikes maintained in a serviceable condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Maintenance Shop - Wash Rack	Yes	No
11. Is good housekeeping maintained (clean, dry, orderly rooms and work areas, spills cleaned up promptly, waste containers provided and emptied daily)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12. Are all required warning signs posted (no smoking, eye protection required, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13. Are all portable electrical tools properly grounded?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Is tool rest adjusted to 1/8 inch of wheel on grinders?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15. Are mechanical guards in place and in good condition (bench grinders, drill press, air compressor, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16. Are all covers in place on electrical switches and outlet boxes?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Maintenance Shop - Cont.	Yes	No
17. Are compressed gas cylinders kept from excessive heat, stored at least 20 ft. from combustible materials, secured and chained in a valve-end-up position?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
18. Is the valve protection cap for compressed gas cylinders in place except when the cylinder is in use or connected for use?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
19. Are oxygen cylinders separated from fuel/gas cylinders by a minimum distance of 20 ft. or by a noncombustible barrier at least 5 ft. high with a 1/2 hour fire-resistance rating?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
20. Are all welding cables completely insulated and free from repair or splices within 10 ft. from electrode holder?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21. Are in-line flash-back protectors provided on all gas welding torches?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
22. Is proper shielding, gloves and eye protection available for use during welding operations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23. Are all flammables stored in approved flammable storage cabinets?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
24. Are fire extinguisher locations conspicuously marked and is access kept clear and unobstructed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25. Are extinguishers inspected on a monthly basis, recharged or replaced as necessary and tagged accordingly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
26. Is a gas detector installed in truck washer room? Does it function properly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Acid Dock	Yes	No
27. Are emergency eyewash and showers available and are they in serviceable condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
28. Is protective clothing for use when handling acids and corrosives available and in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
29. Are all walkways secure and in serviceable condition with walking surfaces kept clean, free of obstructions and trip and fall hazards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
30. Is acid tank loading platform structurally sound?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
31. Is acid tank conspicuously marked on all sides with corrosive placard?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
32. Is adequate lighting provided for night operations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Warehouse - Bulk Plant	Yes	No
33. Is good housekeeping maintained (clean, dry, orderly, spills cleaned up promptly, waste containers provided and emptied daily)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
34. Are all required warning signs posted (no smoking, eye protection required, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
35. Are all mechanical guards in place and in good condition (conveyors, air compressors, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
36. Are all covers in place on electrical switches and outlet boxes?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
37. Are fire extinguisher locations conspicuously marked and is access kept clear and unobstructed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
38. Are fire extinguishers inspected on a monthly basis, recharged or replaced as necessary and tagged accordingly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
39. Are hand powered trucks in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
40. Are stored materials securely stacked, interlocked, blocked and limited in height to safeguard against collapse?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
41. Are reactive items segregated and are proper storage areas conspicuously marked (dry and liquid)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
42. Are bonding and grounding procedures followed when drums of flammable liquids are set up for dispensing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
43. Are flammable liquid storage areas posted "No Smoking" and is rule enforced?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
44. Are drums which are arranged for dispensing equipped with self-closing spigots and flame arrestors?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Vehicles on Yard	Yes	No
45. Are fire extinguishers in place charged and tagged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
46. Is first aid kit available in each vehicle and are its contents complete?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
47. Is vehicle supplied with D.O.T. approved reflective triangles?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
48. Are chock blocks in use?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
49. Are rearview mirrors in place and in serviceable condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
50. Is vehicle inspection certificate current and properly displayed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

General Security	Yes	No
51. Are fences and gates intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
52. Is yard lighting fully operational?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
53. Are keys to the facility controlled?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
54. Are keys removed from cars, pick-ups, and vans when not in use?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
55. Are padlocks retained locked on unlocked doors or gates?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
56. Is access to parts room controlled?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

REMARKS:

RECEIVED

MAY 08 1995

JUD HOBBS
OFFICE

INSPECTOR'S SIGNATURE <i>J. Frazier</i>	DATE <i>3-14-95</i>	LOCATION MGR'S APPROVAL	DATE
--	------------------------	-------------------------	------

WESTERN PETROLEUM SERVICES DISTRICT FACILITY SAFETY INSPECTION REPORT

LOCATION INSPECTED <i>Hobbs</i>	DATE OF INSPECTION <i>2, 10-95</i>	INSPECTED BY <i>J. FRAZIER</i>
------------------------------------	---------------------------------------	-----------------------------------

INSTRUCTIONS:
INSPECT EACH AREA INDIVIDUALLY. PLACE AN (X) IN THE NO PROVIDED ONLY IF CONDITION REQUIRES ACTION, AND EXPLAIN IN REMARKS AREA. AN (X) IN THE YES INDICATES THAT THE CONDITION IS SATISFACTORY.

Office, Yard and Locker Rooms	Yes	No
1. Is the Occupational Safety and Health Act poster posted?	/	
2. Is the OSHA Log (Form 200) maintained?	/	
3. Is good housekeeping maintained (clean, dry, orderly rooms and work areas, unobstructed passageways, dry floors, floors and walkways free from tripping hazards, no potholes or large cracks in driveways, waste containers emptied in office daily)?	/	
4. Are extension cords grounded and in good condition?	/	
5. Are all covers in place on electrical switches and outlet boxes?	/	
6. Are extinguishers inspected on a monthly basis and marked accordingly?	/	
7. Are addresses and phone numbers of company doctors, ambulance services, fire departments, and police departments posted near phone?	/	

Fuel Island	Yes	No
8. Are "No Smoking" signs displayed and is rule enforced?	/	
9. Is good housekeeping maintained (clean, dry, free of combustibles, no open flames, no spark-producing devices)?	/	
10. Are adequate dikes provided for above-ground tanks and are dikes maintained in a serviceable condition?	/	

Maintenance Shop - Wash Rack	Yes	No
11. Is good housekeeping maintained (clean, dry, orderly rooms and work areas, spills cleaned up promptly, waste containers provided and emptied daily)?	/	
12. Are all required warning signs posted (no smoking, eye protection required, etc.)?	/	
13. Are all portable electrical tools properly grounded?	/	
14. Is tool rest adjusted to 1/8 inch of wheel on grinders?	/	
15. Are mechanical guards in place and in good condition (bench grinders, drill press, air compressor, etc.)?	/	
16. Are all covers in place on electrical switches and outlet boxes?	/	

Maintenance Shop - Cont.	Yes	No
17. Are compressed gas cylinders kept from excessive heat, stored at least 20 ft. from combustible materials, secured and chained in a valve-end-up position?	/	
18. Is the valve protection cap for compressed gas cylinders in place except when the cylinder is in use or connected for use?	/	
19. Are oxygen cylinders separated from fuel/gas cylinders by a minimum distance of 20 ft. or by a noncombustible barrier at least 5 ft. high with a 1/2 hour fire-resistance rating?	/	
20. Are all welding cables completely insulated and free from repair or splices within 10 ft. from electrode holder?	/	
21. Are in-line flash-back protectors provided on all gas welding torches?	/	
22. Is proper shielding, gloves and eye protection available for use during welding operations?	/	
23. Are all flammables stored in approved flammable storage cabinets?	/	
24. Are fire extinguisher locations conspicuously marked and is access kept clear and unobstructed?	/	
25. Are extinguishers inspected on a monthly basis, recharged or replaced as necessary and tagged accordingly?	/	
26. Is a gas detector installed in truck washer room? Does it function properly?	/	

Acid Dock	Yes	No
27. Are emergency eyewash and showers available and are they in serviceable condition?	/	
28. Is protective clothing for use when handling acids and corrosives available and in good condition?	/	
29. Are all walkways secure and in serviceable condition with walking surfaces kept clean, free of obstructions and trip and fall hazards?	/	
30. Is acid tank loading platform structurally sound?	/	
31. Is acid tank conspicuously marked on all sides with corrosive placard?	/	
32. Is adequate lighting provided for night operations?	/	

Warehouse - Bulk Plant	Yes	No
33. Is good housekeeping maintained (clean, dry, orderly, spills cleaned up promptly, waste containers provided and emptied daily)?	/	
34. Are all required warning signs posted (no smoking, eye protection required, etc.)?	/	
35. Are all mechanical guards in place and in good condition (conveyors, air compressors, etc.)?	/	
36. Are all covers in place on electrical switches and outlet boxes?	/	
37. Are fire extinguisher locations conspicuously marked and is access kept clear and unobstructed?	/	
38. Are fire extinguishers inspected on a monthly basis, recharged or replaced as necessary and tagged accordingly?	/	
39. Are hand powered trucks in good condition?	/	
40. Are stored materials securely stacked, interlocked, blocked and limited in height to safeguard against collapse?	/	
41. Are reactive items segregated and are proper storage areas conspicuously marked (dry and liquid)?	/	
42. Are bonding and grounding procedures followed when drums of flammable liquids are set up for dispensing?	/	N/A
43. Are flammable liquid storage areas posted "No Smoking" and is rule enforced?	/	
44. Are drums which are arranged for dispensing equipped with self-closing spigots and flame arrestors?	/	N/A

Vehicles on Yard	Yes	No
45. Are fire extinguishers in place charged and tagged?	/	
46. Is first aid kit available in each vehicle and are its contents complete?	/	
47. Is vehicle supplied with D.O.T. approved reflective triangles?	/	
48. Are chock blocks in use?	/	
49. Are rearview mirrors in place and in serviceable condition?	/	
50. Is vehicle inspection certificate current and properly displayed?	/	

General Security	Yes	No
51. Are fences and gates intact?	/	
52. Is yard lighting fully operational?	/	
53. Are keys to the facility controlled?	/	
54. Are keys removed from cars, pick-ups, and vans when not in use?	/	
55. Are padlocks retained locked on unlocked doors or gates?	/	N/A
56. Is access to parts room controlled?	/	

REMARKS:

RECEIVED

MAY 08 1995

JOD HOBBS
OFFICE

INSPECTOR'S SIGNATURE <i>Jim Frazier</i>	DATE <i>2 10 95</i>	LOCATION MGR'S APPROVAL	DATE
---	------------------------	-------------------------	------

CUSTOMER INVOICE
NO. 28764

**E P A MANIFEST RECORD
NON-HAZARDOUS
WASTE MANIFEST**

E & E ENTERPRISES

P.O. Box 683
Brownfield, Tx 79316

E & E ENTERPRISES
P.O. Box 683
Brownfield, TX 79316

Please print or type.

GENERATOR'S MAILING ADDRESS	PICK-UP LOCATION	ACCOUNT
<i>Western Oil Inc</i>		NO: _____
<i>2708 W. CO RD</i>		P.O. NO. _____
<i>Hobbs N.M.</i>		EPA ID NO. _____
GENERATOR'S PHONE NO. <i>(505) 392-5554</i>		

DESCRIPTION OF NON-HAZARDOUS WASTE:

Type of Waste (Include US DOT Shipping Name, Hazard Class, and ID Number, if applicable)	QUANTITY	Type QTY*	Unit Cost	Total Cost
NON-HAZARDOUS USED OIL	<i>400</i>	<i>6</i>	<i>NIL</i>	
NON-HAZARDOUS USED OIL FILTERS				
USED ANTI-FREEZE				
RECEIVED				
MAY 05 1995				
UCD HOBBS OFFICE				
*G=Gallons; P=Pounds; T=Tons; D=Drums			TOTAL CHARGE	\$

Additional Descriptions of Materials, if necessary

Special Handling Instructions and Additional Information

GENERATOR CERTIFICATION: I hereby declare that the contents of this consignment are full and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.

Print Name of Generator <i>W.D. Johnson</i>	Signature of Generator <i>W.D. Johnson</i>	MO. DAY YR. <i>3 11 95</i>
--	---	-------------------------------

DESIGNATED FACILITY: TRANSPORTER, STORER AND TREATOR OF MATERIALS

E & E ENTERPRISES	Phone: (806) 637 9336	US EPA ID NO TXD 982 75 6868
P.O. Box 683	1-800-658-2137	TWC Permit NO 41398
Brownfield, TX 79316	(TWC: (512) 463 7727)	TX RR NO 000013747C

Transporter Acknowledgement of Receipt of Materials

Print Name of Hauler <i>Robert Gonzalez</i>	Signature of Hauler <i>Robert Gonzalez</i>	MO. DAY YR. <i>3 11 95</i>
Discrepancy Space		

Facility Certification of Receipt of Materials Covered by this Manifest (except as noted above)

Print Name of Facility Operator	Signature of Facility Operator	MO. DAY YR.
---------------------------------	--------------------------------	-------------



Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039 Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NMD 052377637	Manifest Document No. 16159		2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address WESTERN CO OF N AMER 2708 W COUNTY RD HOBBS NM 88240					A. State Manifest Document Number 1081115		
4. Generator's Phone (505) 392-5556					B. State Generator's ID 99935		
5. Transporter 1 Company Name SAFETY-KLEEN CORP.			6. US EPA ID Number ILD 984908202		C. State Transporter's ID 72078		
7. Transporter 2 Company Name			8. US EPA ID Number		D. Transporter's Phone 915 563-2305		
9. Designated Facility Name and Site Address SAFETY-KLEEN CORP. 10607 W C R 127 MIDLAND, TX 79711			10. US EPA ID Number TXD 981056690		E. State Transporter's ID		
					F. Transporter's Phone		
					G. State Facility's ID 72078		
					H. Facility's Phone 915 563-2305		
GENERATOR	11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers		13. Total Quantity	14. Unit Wt/Vol	1. Waste No.
	a.	X WASTE COMBUSTIBLE LIQUID, N.O.S. (PETROLEUM NAPHTHA) NA1993 PGIII(D001) (D006, D008, D018, D035, D039, D040) (ERG#27)	1	DF	4	G	OUTS203H
	b.	X RQ WASTE COMBUSTIBLE LIQUID, N.O.S. (PETROLEUM NAPHTHA) NA1993 PGIII(D001) (D006, D008, D018, D035, D039, D040) (ERG#27)	3	DM	60	G	OUTS203H
	c.						
	d.						
RECEIVED MAY 05 1995 UJD HOBBS							
J. Additional Descriptions for Materials Listed Above I(A) D001 D039 (A) D018, D006, D008, D035, D040 I(B) D001 D039 (B) D018, D006, D008, D035, D040					K. Handling Codes for Wastes Listed Above (A) M125-BULKING (B) M125-BULKING		
15. Special Handling Instructions and Additional Information FOR RECYCLE EMERGENCY RESP#1-708-888-4660 24HR SKDOT# A: 501 B: 585 C: D: 9515 79942686 116159 6-002-02-8028 02							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.							
Printed/Typed Name LARRY BOWEN					Signature <i>Larry Bowen</i>		Date 4 11 95
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials					Date	
	Printed/Typed Name ISAC FUENTES			Signature <i>Isaac Fuentes</i>		Date 4 11 95	
	18. Transporter 2 Acknowledgement of Receipt of Materials					Date	
Printed/Typed Name			Signature		Date		
FACILITY	19. Discrepancy Indication Space Line 20 - date should read 4-21-95 (J.A) 4-13-95						
	20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Tammy Frederick					Signature <i>Tammy Frederick</i>		Date 4 11 95

Sonny's

OILFIELD SERVICE, INC.

P.O. Box 1477
Carlsbad, NM 88221
505-887-7682

PLEASE PRINT
Due Upon Receipt
RECEIVED

HB No 24803
ORIGINAL
INVOICE

Date 4-14-95
Lease
Well No. HOBBS
Order # YARD

Name WESTERN COMPANY
Address UCD HOBBS OFFICE
MAY 05 1995

DESTINATION FROM:	LOC	TO:	CRI
CODE	DESCRIPTION OF WORK	RATE	HOURS BBLs. AMOUNT
	Transported 70 bbls of fluids and s/f to CRI SWD, and jettied trailer at CRI	57.00	2.5 142.50
	1011-6480-067		
	5-4-95		
	GA		
	1 mc		

Time Start 7:30am Type Fld. Used
 Time Stop 10:00am Equipment 273
 Total Hours 2.5 Mileage
 Operator EDDIE LOPEZ
 Company Representative:
 Date Accepted

Fuel Adj. Cost	
Sub Total	142.50
Tax	7.48
Chemical	
Brine Water	
Fuel	
Fresh Water	
TOTAL	149.98

White - File Copy Canary - Invoice Copy Pink - Yard Copy Gold - Customer Copy

I TYPE OF OPERATION

The Western Company of North America, Hobbs, New Mexico Facility provides cementation, acidizing and high pressure pumping services for oil and gas wells.

II OPERATOR: The Western Company of North America

ADDRESS: 2708 West County Road
Hobbs, New Mexico 88240

CONTACT PERSON: Phillip Box

PHONE: 713/629-2861

III LOCATION: Northeast quarter of Section 20, Township 18 South, Range 38 East,
N.M.P.M. Lea County, New Mexico

TOPOGRAPHIC MAP: Figure III.1

IV OWNER: The Western Company of North America

ADDRESS: 515 Post Oak Blvd., Ste. 915
Houston TX 77027-9407
Tel 713/629-2861
Fax 713/629-2885

WASTE STREAM LIST

Figure 1 sets out the waste stream name and related page number for quick reference.

Any assigned waste stream numbers must be included on the waste handling manifests.

RECEIVED

MAY 05 1995

UCD HOBBS
OFFICE

**HOBBS DISTRICT
WASTE STREAM LIST**

The following Waste Management Summary Sheets provide information related to handling, storage, disposal, and recordkeeping requirements for the following types of wastes:

- Recovered Truck Wash Oil	1
- Treated Truck Wash Wastewater	2
- Truck Wash Separator Solids	3
- Unused Cement	4
- Used Motor Oil, Lubricating Oils	5
- Spent Safety Kleen solvent	6
- Spent Solvents, Paint Thinners, Unusable Paint	7
- Used Tires	8
- Used Batteries	9
- Scrap Drums	10
- Scrap Containers/5-gallon Buckets	11
- Office Trash, Domestic Waste	12
- Used Oil Filters, Compressor and Generator Filters	13
- Waste Antifreeze	14
- Scrap Metal	15
- Maintenance Bay Recovered Oil	16
- Maintenance Bay Separator Solids	17
- Maintenance Bay Treated Wastewater	18
- Oily trash	19
- Recovered Field Waste Oil	20
- Field Waste Separator Solids	21
- Treated Field Wastewater	22
- Acid, Waste	23
- Hydrocarbon Bearing Soil	24

RECEIVED

MAY 05 1995

**UCD HOBBS
OFFICE**

May 20, 1994

WASTE HANDLING PROCEDURES

The following pages reflect the waste streams for the Hobbs District.

The front page sets out the waste name and the handling procedures. On the back page is information regarding the approved companies to assist Western in taking the waste for disposal or recycling. If sampling is required, the name, address, telephone number and contact person is provided as well as the specific samples to be taken.

A transporter and disposal company has been provided, and, in some cases, an alternate has been provided. If the District is using a company other than the one indicated, that company can continue to be used if it meets the required regulations as a transporter or disposer/recycler. When changes are made, the District EC should contact the Corporate Environmental office with names, addresses and telephone numbers so that records can be updated.

RECEIVED

MAY 05 1995

UCD HOBBS
OFFICE

HOBBS DISTRICT - WASTE MANAGEMENT PLAN

WASTE MANAGEMENT SUMMARY SHEET

RECEIVED
MAY 05 1995
UCD HOBBS
OFFICE

Subject:

RECOVERED TRUCK WASH OIL

Waste

Description:

Oil recovered from wastewater generated during truck exterior washing operations. This oil is subject to different regulation than used motor oil and shall not be mixed with other oils.

Handling:

Recovered oils shall be handled in a manner which does not contaminate soil, groundwater, or surface water. Recovered oils shall not be mixed with any other waste. Analysis of the oil may be required to determine whether it is classified as a hazardous waste.

Storage:

Recovered oils shall be stored in a designated drum which is clearly labeled. The date that oil was first placed in the drum shall be marked on the label. The drum shall be stored in a designated waste drum storage area, separated from empty drums and drums containing product.

Preferred Disposal:

Recovered oils shall be sent to a designated waste oil recycler (if approved).

Acceptable Disposal:

Recovered oil may be sent to a fuel blending facility or licensed waste disposal facility if it cannot be sent to a used oil recycling facility.

Transportation:

A licensed waste hauler must be used to transport the recovered oils.

Recordkeeping:

Keep the records of any shipment for recycling of recovered oils for future reference. Records should include:

- type of oil
- date of shipment
- source/location of origin
- volume of load
- hauler's name and EPA Identification number
- recycler's name and EPA Identification number
- Copy of manifest with land disposal and waste minimization certification

WASTE NAME:	RECOVERED TRUCK WASH OIL		
PRECAUTIONS: Do not mix Recovered Oil with engine oil! These oils are regulated differently and based on analysis the cost for disposal of engine oil mixed with recovered oil (or mixtures) may be 3 to 5 times higher.			
SAMPLING REQUIRED: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		SAMPLE NAME: (DATE)	
SAMPLING PROCEDURE: Samples will be obtained from oil prior to removing it from the sump. The sample should be obtained using weighted bottle. The sample should be poured from the weighted bottle into a sample bottle (obtained from Laboratory) and sealed. A minimum of one quart is required to be sent to the laboratory.			
LABORATORY:	NAME: TraceAnalysis	ADDRESS: 6701 Aberdeen Avenue Lubbock TX 79424	
	CONTACT:	TELEPHONE: 806/794-1296	
ANALYSIS:	PARAMETER:	METHOD:	SIGNIFICANCE:
	Ignitability	PM Open Cup	Flash Point < 140 °F - Hazardous Waste
ANALYTICAL RESULTS SIGNIFICANCE: If waste is considered a hazardous waste, then Transporter No. 2 and Disposer No. 2 must be used.			
CONTAINER:	TYPE: 55 Gallon Drum/ Vacuum Truck	Lined: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
LABEL:	Waste Name: RECOVERED TRUCK WASH OIL Date Waste Placed in Container: Waste Code: Western's EPA ID No: NMD 052 377 637 ID No.		
TRANSPORTER:	TRANSPORTER NO. 1	TRANSPORTER NO. 2:	
	NAME: E&E Enterprises	NAME: Safety-Kleen Corp.	
	ADDRESS: P.O. Box 683 Brownfield, TX 79316	ADDRESS: 10607 WCR 127 Midland, TX 79711	
	TELEPHONE: (806) 637-9336	TELEPHONE: (915) 563-2305	
	ID NO: 43198	ID NO: 72078	
DISPOSER:	DISPOSER NO. 1	DISPOSER NO. 2	
	NAME: E&E Enterprises	NAME: Safety-Kleen Corp.	
	ADDRESS: P.O. Box 683 Brownfield, TX 79316	ADDRESS: 10607 WCR 127 Midland, TX 79711	
	TELEPHONE: (806) 637-9336	TELEPHONE: (915) 563-2305	
	EPA ID NO: TXD 982 756 868	EPA ID NO: ILD 984 908 202	
RECORDS:	ALL RECORDS ARE TO BE FILED IN ENVIRONMENTAL OFFICE UNDER WASTE NAME		
	VOLUME OF WASTE: Record	MANIFEST: TNRCC 0311	
	ANALYTICAL RESULTS: Required		
	CHAIN OF CUSTODY: Required		

RECEIVED
 MAY 05 1995
 UCD HOBBS
 OFFICE

HOBBS DISTRICT - WASTE MANAGEMENT PLAN

WASTE MANAGEMENT SUMMARY SHEET

Subject:

TREATED TRUCK WASH WASTEWATER

Waste

Description:

Wastewater generated during washing the exterior of trucks and other vehicles. (Oil and solids contained in this washwater are managed under separate waste codes.)

Handling:

All washwater shall be collected on the truck wash pad and routed to the oil/water separator. After removal of solids and floating oils, the wastewater is routed to the storage tank. Vehicle washwater must be collected, treated and disposed of offsite.

Storage:

Vehicle washwater will normally be stored on-site.

Preferred Disposal:

Vehicle washwater must be collected, treated and discharged to the sewer system.

Acceptable Disposal:

See above.

Transportation:

Washwater can be transported by any carrier.

Recordkeeping:

N/A - none

RECEIVED
MAY 05 1995
UCD HOBBS
OFFICE

HOBBS DISTRICT - WASTE MANAGEMENT PLAN

WASTE MANAGEMENT SUMMARY SHEET

RECEIVED

MAY 05 1995

UCD HOBBS
OFFICE

Subject:

TRUCK WASH SEPARATOR SOLIDS

Waste

Description:

Solids which accumulate in the sump used to collect the truck wash water must be removed occasionally.

Handling:

Solids removed from the truck wash sump may contain appreciable amounts of oil and heavy metals and must be handled properly to prevent potential releases. The removed solids shall be placed in a lined drum and labeled.

Storage:

The containers of solids shall be stored in a designated area to ensure proper management prior to shipment off-site for disposal.

Preferred

Disposal:

The sump solids shall be characterized to determine whether it can be shipped to a municipal landfill. The solids will normally contain low enough levels of Total Petroleum Hydrocarbon (TPH <1,500 mg/kg) to be classified as a non-hazardous waste and may be sent to a municipal landfill. If the TPH is greater than 1,500 mg/kg the solids must be manifested and sent to an industrial waste landfill for disposal.

Acceptable

Disposal:

See above.

Transportation:

The truck wash solids must be transported by a licensed waste hauler if the material is determined to be a hazardous waste. The material can be transported by any carrier if it is determined to be a non-hazardous waste.

Recordkeeping:

Keep copies of the field analyses and the volume of solids removed from the sump. Records which should be kept include:

- volume of material
- date of removal
- source/location of origin
- Analytical results

If the material is a hazardous waste these records must also be retained:

- transporter's name and EPA Identification number
- disposer's name and EPA Identification number
- Copy of manifest with land disposal and waste minimization certification

RECEIVED

MAY 05 1995

UCD HOBBS
OFFICE

WASTE NAME: TRUCK WASH SEPARATOR SOLIDS			
PRECAUTIONS: Solid may contain oils & heavy metals handle with care and prevent spilling to ground.			
SAMPLING REQUIRED: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		SAMPLE NAME: (DATE)	
SAMPLING PROCEDURE: Obtain a representative of sample of the truckwash solid.			
LABORATORY:	NAME: TraceAnalysis	ADDRESS: 6701 Aberdeen Avenue Lubbock TX 79424	
	CONTACT:	TELEPHONE: 806/794-1296	
ANALYSIS:	PARAMETER:	METHOD:	SIGNIFICANCE:
	Metal Content (Lead & Barium)	TCLP	Lead Content > 5 mg/L - Hazardous Barium Content > 100 mg/L - Hazardous
ANALYTICAL RESULTS SIGNIFICANCE: If solids are hazardous waste, then Transporter No. 2 and Disposer No. 2 must be used.			
CONTAINER:	TYPE: N/A	Lined: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
LABEL:	Waste Name: TRUCKWASH SOLIDS Date Waste Placed in Container: Waste Code: Western's EPA ID No: NMD 052377637 ID No:		
TRANSPORTER:	TRANSPORTER NO. 1	TRANSPORTER NO. 2:	
	NAME: Waste Management	NAME: Safety-Kleen Corp.	
	ADDRESS: City Landfill 2608 Lovington Highway Hobbs, NM 88240	ADDRESS: 10607 WCR 127 Midland, TX 79711	
	TELEPHONE: 1-800-634-8760	TELEPHONE: (915) 563-2305	
	ID NO: N/A	ID NO: 72078	
DISPOSER:	DISPOSER NO. 1	DISPOSER NO. 2	
	NAME: Waste Management	NAME: Safety-Kleen Corp.	
	ADDRESS: City Landfill 2608 Lovington Highway Hobbs, NM 88240	ADDRESS: 10607 WCR 127 Midland, TX 79711	
	TELEPHONE: 1-800-634-8760	TELEPHONE: (915) 563-2305	
	EPA ID NO: N/A	EPA ID NO: TXD 981056690	
RECORDS:	ALL RECORDS ARE TO BE FILED IN ENVIRONMENTAL OFFICE UNDER WASTE NAME		
	VOLUME OF WASTE: Record	MANIFEST: EPA manifest if hazardous	
	ANALYTICAL RESULTS: Required		
	CHAIN OF CUSTODY: Required		

HOBBS DISTRICT - WASTE MANAGEMENT PLAN

WASTE MANAGEMENT SUMMARY SHEET

RECEIVED

MAY 05 1995

UCD HOBBS
OFFICE

Subject:

UNUSED CEMENT

Waste

Description:

Cement in a dry form which has not been used in cementing operations.

Handling:

Unused cement shall be handled in a manner which will not cause contamination of surface water, groundwater, or soil. The cement shall not be discarded onto the ground under any circumstances.

Storage:

Unused cement will normally be in bulk form requiring storage in the transport. Cement shall be stored in a manner which optimizes the possibility of use at another location.

Preferred

Disposal:

According to procedure, unused cement which is returned to the yard should not be used on another job. The unused cement may be given away if approved by the District Manager. The unused cement may be mixed with sludges removed from sumps at the facility to absorb excess water and immobilize waste constituents. The cement should be mixed with the sludge in the drum used for final disposal.

Acceptable

Disposal:

If no alternate use for the cement is determined, disposal in a landfill will be allowed.

Transportation:

Cement can be transported by any carrier.

Recordkeeping:

If the cement is given away, no records are required though the recipient should be identified and recorded in the logbook. If disposed in a landfill the following records should be kept.

- copy of authorization from landfill to dispose
- Approximate volume discharged
- Trip ticket

WASTE NAME: UNUSED CEMENT (* Unless sent to landfill, not regulated as waste)			
PRECAUTIONS: Prevent discharges to air as complaints may be received. Avoid contact with skin as burns may occur.			
SAMPLING REQUIRED: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		SAMPLE NAME: (DATE)	
SAMPLING PROCEDURE: N/A			
LABORATORY:	NAME: N/A	ADDRESS:	
	CONTACT:	TELEPHONE:	
ANALYSIS:	PARAMETER:	METHOD:	SIGNIFICANCE:
ANALYTICAL RESULTS SIGNIFICANCE:			
CONTAINER:	TYPE: N/A	Lined: YES <input type="checkbox"/> NO <input type="checkbox"/>	
LABEL:	Waste Name: UNUSED CEMENT Date Waste Placed in Container: Waste Code: Western's EPA ID No: NMD 052377637 ID No:		
TRANSPORTER:	TRANSPORTER NO. 1	TRANSPORTER NO. 2:	
	NAME: The Western Company of North America	NAME:	
	ADDRESS: 2708 W. County Road Hobbs, NM 88240	ADDRESS:	
	TELEPHONE: (505) 397-9315	TELEPHONE:	
	ID NO:	EPA ID NO:	
DISPOSER:	DISPOSER NO. 1	DISPOSER NO. 2	
	NAME: Waste Management	NAME:	
	ADDRESS: City landfill 2608 Lovington Highway Hobbs, NM 88240	ADDRESS:	
	TELEPHONE: 1-800-634-8760	TELEPHONE:	
	EPA ID NO: N/A	EPA ID NO:	
RECORDS: NAME	ALL RECORDS ARE TO BE FILED IN ENVIRONMENTAL OFFICE UNDER WASTE		
	VOLUME OF WASTE: Record	MANIFEST: Not Required	
	ANALYTICAL RESULTS: Not Required		
	CHAIN OF CUSTODY: Not Required		

RECEIVED
MAY 05 1995
UCD HOBBS
OFFICE

HOBBS DISTRICT - WASTE MANAGEMENT PLAN

WASTE MANAGEMENT SUMMARY SHEET

RECEIVED

MAY 05 1995

UCD HOBBS
OFFICE

Subject:

USED MOTOR OIL, Lubricating Oils

Waste

Description:

Used engine oil, crankcase and transmission lubricating oil, used in cars, trucks or other internal combustion engines. (Oil recovered from oil/water separators shall be handled separately.)

Handling:

Used lubricating oils shall be handled in a manner which does not contaminate soil, groundwater, or surface water. Used engine oils shall not be mixed with recovered separator oils or any other waste.

Storage:

Used oils shall be stored in a designated drum or tank which is clearly labeled. Drums shall be stored in a designated waste drum storage area, separated from empty drums and drums containing product. If stored in a tank, secondary containment shall be provided.

Preferred

Disposal:

Used engine oils and lubricating oils are to be returned to the vendor or to a designated waste oil recycler.

Acceptable

Disposal:

No other option is acceptable. Used oils and other liquids are not allowed in municipal landfills.

Transportation:

A licensed waste hauler must be used to transport the waste oil.

Recordkeeping:

Keep the records of any shipment for recycling of used oils for future reference. Records should include:

- type of oil
- date of shipment
- source/location of origin
- volume of load
- hauler's name and EPA Identification number
- recycler's name and EPA Identification number
- Copy of manifest

WASTE NAME: USED MOTOR OIL, AND LUBRICATING OILS			
PRECAUTIONS: Do not mix Waste Engine Oils and Lubricating Oils with Recovered Oil from Truck Wash. These oils are regulated differently and based on analysis, the cost for disposal of Recovered Oil (or mixture) may be 3 to 5 times higher.			
SAMPLING REQUIRED: YES [] NO [X]		SAMPLE NAME: (DATE)	
SAMPLING PROCEDURE: N/A			
LABORATORY:		NAME: N/A	ADDRESS:
		CONTACT:	TELEPHONE:
ANALYSIS:	PARAMETER:	METHOD:	SIGNIFICANCE:
ANALYTICAL RESULTS SIGNIFICANCE:			
CONTAINER:	TYPE: Drum	Lined: YES [X] NO []	
LABEL:	Waste Name: USED MOTOR OIL AND LUBRICATING OILS Date Waste Placed in Container: Waste Code: Western's EPA ID No: NMD 052 377 637 ID No.		
TRANSPORTER:	TRANSPORTER NO. 1	TRANSPORTER NO. 2:	
	NAME: E&E Enterprises	NAME:	
	ADDRESS: P.o. Box 683 Brownfield, TX 79316	ADDRESS:	
	TELEPHONE: (806) 637-9336	TELEPHONE:	
	ID NO: 41398	EPA ID NO:	
DISPOSER:	DISPOSER NO. 1	DISPOSER NO. 2	
	NAME: E&E Enterprises	NAME:	
	ADDRESS: P.O. Box 683 Brownfield, TX 79316	ADDRESS:	
	TELEPHONE: (806) 637-9336	TELEPHONE:	
	EPA ID NO: TXD 982 756 868	EPA ID NO:	
RECORDS:	ALL RECORDS ARE TO BE FILED IN ENVIRONMENTAL OFFICE UNDER WASTE NAME		
	VOLUME OF WASTE: Record	MANIFEST: Western 1610 or	
	ANALYTICAL RESULTS: Not Required	EPA manifest	
	CHAIN OF CUSTODY: Not Required		

RECEIVED
MAY 05 1995
UCD HOBBS
OFFICE

HOBBS DISTRICT - WASTE MANAGEMENT PLAN

WASTE MANAGEMENT SUMMARY SHEET

Subject:

SPENT SAFETY-KLEEN SOLVENT

Waste

Description: Spent Safety-Kleen parts cleaning solvent. Spent Safety-Kleen solvent is a RCRA hazardous waste.

Handling: The Safety-Kleen solvent shall be used in a well ventilated area. All of the solvent shall remain in the parts cleaning station where it is contained and will be recycled. Consult the product MSDS for specific handling procedures for each product.

Storage: Spent Safety-Kleen solvent shall be stored in the parts cleaning station

Preferred Disposal: Spent Safety-Kleen solvent will be collected and recycled by Safety-Kleen

Acceptable Disposal: See above.

Transportation: Safety-Kleen must be used to transport the spent solvent.

Recordkeeping: The Safety-Kleen representative will prepare all required documents. A copy of these documents shall be retained on-site.

RECEIVED
MAY 05 1995
UCD HOBBS
OFFICE

WASTE NAME: SAFETY KLEEN SOLVENT			
PRECAUTIONS: Avoid any spills in the Maintenance Building Area.			
SAMPLING REQUIRED: Required <input type="checkbox"/> NO <input checked="" type="checkbox"/>		SAMPLE NAME: (DATE)	
SAMPLING PROCEDURE: N/A, use MSDS information			
LABORATORY:	NAME: N/A	ADDRESS:	
	CONTACT:	TELEPHONE:	
ANALYSIS:	PARAMETER:	METHOD:	SIGNIFICANCE:
ANALYTICAL RESULTS SIGNIFICANCE:			
CONTAINER:	TYPE: Solvent Vat	Lined: Required <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
LABEL:	Waste Name: SAFETY KLEEN SOLVENT Date Waste Placed in Container: Waste Code: Western's EPA ID No: NMD 052377637 ID No:		
TRANSPORTER:	TRANSPORTER NO. 1	TRANSPORTER NO. 2:	
	NAME: Safety Kleen Corp.	NAME:	
	ADDRESS: 10607 WCR 127 Midland, TX 79711	ADDRESS:	
	TELEPHONE: (915) 563-2305	TELEPHONE:	
	ID NO: 72078	EPA ID NO:	
DISPOSER:	DISPOSER NO. 1	DISPOSER NO. 2	
	NAME: Safety Kleen Corp.	NAME:	
	ADDRESS: 10607 WCR 127 Midland, TX 79711	ADDRESS:	
	TELEPHONE: (915) 563-2305	TELEPHONE:	
	EPA ID NO: TXD 981 056 690	EPA ID NO:	
RECORDS:	ALL RECORDS ARE TO BE FILED IN ENVIRONMENTAL OFFICE UNDER WASTE NAME		
	VOLUME OF WASTE: Record	MANIFEST: TNRCC 0311	
	ANALYTICAL RESULTS: Not Required		
	CHAIN OF CUSTODY: Not Required		

RECEIVED
MAY 05 1994
UCD HOBBS
OFFICE

HOBBS DISTRICT - WASTE MANAGEMENT PLAN

WASTE MANAGEMENT SUMMARY SHEET

RECEIVED
MAY 05 1995
UCD HOBBS
OFFICE

Subject:

**SPENT SOLVENTS (other than Safety-Kleen), PAINT THINNERS,
UNUSABLE PAINTS**

Waste

Description: Spent solvents, paint thinners, and unusable paints are generated during equipment or facility maintenance. Many spent solvents are RCRA waste. Some, such as mineral spirits, may not be a listed hazardous waste, but may be hazardous waste because of ignitability (Consult the 40 CFR Part 261 Subpart C and D to determine if the spent solvents are hazardous wastes).

Handling: Attempts should be made to reuse solvents and paints. Solvents and paints shall not be spilled and shall be used in a well ventilated area. Consult the product MSDS for specific handling procedures for each product.

Storage: Spent solvents, paint thinners and unusable paints shall be stored in an appropriate container or drum which is sealed and clearly labeled. SPENT SOLVENTS SHALL NEVER BE MIXED WITH OTHER MATERIALS SUCH AS WASTE OIL BECAUSE THEN THE ENTIRE MIXTURE COULD BECOME A HAZARDOUS WASTE.

Preferred Disposal: Spent solvents and unusable paints shall be recycled by a permitted recycler. Containers of paint shall be used completely, if possible, until the paint can is empty. Unused paints may be characterized as a hazardous waste and be disposed of at a permitted disposal facility. Latex and water based paints contain less toxic materials and solvents and may not be subject to stringent disposal requirements.

Acceptable Disposal: If the spent solvents or paints cannot be recycled or reused, then they shall be removed by a licensed waste transporter to a permitted hazardous waste disposal facility.

Transportation: A licensed waste hauler must be used to transport the spent solvents and waste paints.

Record-keeping: Keep the copies of the laboratory analyses and the manifests of any shipment of spent solvents or paints. Information on the manifest should include:

- type of material
 - date of shipment
 - source/location of origin
 - volume of load
 - transporter's name and EPA Identification number
 - disposer's name and EPA Identification number
 - Copy of manifest with land disposal and waste minimization certification
- or
- recycler's name and EPA Identification number

WASTE NAME: SPENT SOLVENTS, PAINT THINNERS, UNUSABLE PAINT (Not Generated)			
PRECAUTIONS: Avoid any spills in the Maintenance Building Area and store separately from other liquid wastes.			
SAMPLING REQUIRED: Required <input type="checkbox"/> NO <input checked="" type="checkbox"/>		SAMPLE NAME: (DATE)	
SAMPLING PROCEDURE: N/A, use MSDS information			
LABORATORY:	NAME: N/A	ADDRESS:	
	CONTACT:	TELEPHONE:	
ANALYSIS:	PARAMETER:	METHOD:	SIGNIFICANCE:
ANALYTICAL RESULTS SIGNIFICANCE:			
CONTAINER:	TYPE: Drums/Containers	Lined: Required <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
LABEL:	Waste Name: SPENT SOLVENTS, PAINT THINNERS, UNUSABLE PAINT Date Waste Placed in Container: Waste Code: Hazardous 0044.211.H Western's EPA ID No: NMD 052377637 ID No:		
TRANSPORTER:	TRANSPORTER NO. 1	TRANSPORTER NO. 2:	
	NAME: Safety-Kleen Corp.	NAME:	
	ADDRESS: 10607 WCR 127 Midland, TX 79711	ADDRESS:	
	TELEPHONE: (915) 563-2305	TELEPHONE:	
	ID NO: 72078	EPA ID NO:	
DISPOSER:	DISPOSER NO. 1	DISPOSER NO. 2	
	NAME: Safety-Kleen Corp.	NAME:	
	ADDRESS: 10607 WCR 127 Midland, TX 79711	ADDRESS:	
	TELEPHONE: (915) 563-2305	TELEPHONE:	
	EPA ID NO: TXD 982756868	EPA ID NO:	
RECORDS:	ALL RECORDS ARE TO BE FILED IN ENVIRONMENTAL OFFICE UNDER WASTE NAME		
	VOLUME OF WASTE: Record	MANIFEST: TNRCC 0311	
	ANALYTICAL RESULTS: Required		
	CHAIN OF CUSTODY: Required		

RECEIVED
 MAY 05 1995
 UCD HOBBS
 OFFICE

HOBBS DISTRICT - WASTE MANAGEMENT PLAN

WASTE MANAGEMENT SUMMARY SHEET

Subject:

USED TIRES

Waste

Description: Used tires from trucks and other equipment

Handling: Used tires shall not be placed in dumpsters.

Storage: Used tires should be stored in a segregated area in a manner that does not contaminate soil, groundwater, or surface water.

Preferred Disposal:

All used tires shall be sent to a reclaimer or recycler if possible. Use required tire manifest.

Acceptable Disposal:

If a reclaimer will not accept the used tires the waste must be sent to a landfill permitted for disposal of tires.

Transportation: Used tires can be transported by a registered carrier.

Recordkeeping: Keep records of any shipment of used tires for future reference. Records should include:

- date of shipment
- volume of load
- disposal site
- recycler's or disposer's name
- copy of manifest

RECEIVED
MAY 05 1995
OCD HOBBS
OFFICE

WASTE NAME: USED TIRES			
PRECAUTIONS:			
SAMPLING REQUIRED: Required <input type="checkbox"/> NO <input checked="" type="checkbox"/>		SAMPLE NAME: (DATE)	
SAMPLING PROCEDURE: N/A			
LABORATORY:	NAME: N/A	ADDRESS:	
	CONTACT:	TELEPHONE:	
ANALYSIS:	PARAMETER:	METHOD:	SIGNIFICANCE:
ANALYTICAL RESULTS SIGNIFICANCE:			
CONTAINER:	TYPE:	Lined: Required <input type="checkbox"/> NO <input type="checkbox"/>	
LABEL:	Waste Name: USED TIRES Date Waste Placed in Container: Waste Code: Western's EPA ID No: NMD 052377637 ID No:		
TRANSPORTER:	TRANSPORTER NO. 1	TRANSPORTER NO. 2:	
	NAME: Forrest Tire Co.	NAME:	
	ADDRESS: 1703 N. Turner Hobbs, NM 88240	ADDRESS:	
	TELEPHONE: (505) 393-2186	TELEPHONE:	
	ID NO: N/A	EPA ID NO:	
DISPOSER:	DISPOSER NO. 1 (RECYCLER)	DISPOSER NO. 2	
	NAME: Forrest Tire Co.	NAME:	
	ADDRESS: 1703 N. Turner Hobbs, NM 88240	ADDRESS:	
	TELEPHONE: (505) 393-2186	TELEPHONE:	
	EPA ID NO: N/A	EPA ID NO:	
RECORDS: NAME	ALL RECORDS ARE TO BE FILED IN ENVIRONMENTAL OFFICE UNDER WASTE NAME		
	VOLUME OF WASTE: Record	MANIFEST: Recommended	
	ANALYTICAL RESULTS: Not Required		
	CHAIN OF CUSTODY: Required		

RECEIVED
 MAY 05 1999
 UCD HOBBS
 OFFICE

HOBBS DISTRICT - WASTE MANAGEMENT PLAN

WASTE MANAGEMENT SUMMARY SHEET

RECEIVED

MAY 05 1995

UCD HOBBS
OFFICE

Subject: **USED BATTERIES**

Waste

Description: Used batteries to be discarded.

Handling: Used batteries shall remain intact during removal and handling. Do not drain or spill any of the fluid contents of the battery as they contain hazardous substances such as acid and lead.

Storage: Used batteries shall be stored in a manner which prevents leakage and kept in a designated waste storage area with an impermeable surface. Preferably, used batteries should be stored in a containment area which would prevent any discharge of leaking battery acid.

Preferred Disposal: Used batteries must be returned to the vendor or sent to a battery recycler. The State of New Mexico does not allow the landfilling of used batteries. Preferable to maintain manifests.

Acceptable Disposal: See above.

Transportation: Used batteries can be transported by a registered carrier.

Recordkeeping: Keep the manifest or records of any shipment of used batteries for future reference. Records should include:

- number and type of batteries
- date of shipment
- recycler's name and EPA Identification number

HOBBS DISTRICT - WASTE MANAGEMENT PLAN

WASTE MANAGEMENT SUMMARY SHEET

RECEIVED

MAY 05 1995

UCB HOBBS
OFFICE

Subject:

SCRAP DRUMS

Waste

Description:

Any barrel or drum which is to be discarded and has contained a product shall be emptied of all material.

Handling:

Barrels/drums shall be kept intact during and after use. All of the product should be used. Under no circumstances shall an empty drum be rinsed out and the rinse water discharged onto the ground. The still considers the material within the drum to be regulated as waste and spills or leaks to the ground must be reported. As a last resort, rinsing of drums is allowed only if the rinsate can be routed to a permitted wastewater treatment system.

Any labels remaining on the container should be removed or painted over. The word empty should also be painted on the container.

Storage:

Empty barrels/drums shall be segregated from drums containing either product or waste and kept sealed closed in an upright position. The integrity of the container must be maintained to prevent releases.

Preferred Disposal:

Empty barrels/drums shall be returned to the vendor or to a drum recycler. If the drum is metal and destined for disposal and it previously contained Hazardous waste, then it is regulated as hazardous waste. If the empty drum previously contained non-hazardous waste and cannot be reclaimed by either the vendor or a drum recycler, then it shall be sent to a scrap metal reclaimer.

Acceptable Disposal:

If the drums cannot be recycled or reclaimed, the ends must be removed and the drum crushed before disposing in a landfill.

Transportation:

A licensed waste hauler must be used to transport the empty drums.

Recordkeeping:

Keep the records of any shipment of empty containers. Records should include:

- type of container
- date of shipment
- source/location of origin
- volume of load
- hauler's name and EPA Identification number
- recycler's name and EPA Identification number
- Copy of manifest

WASTE NAME: SCRAP DRUMS (* Only considered waste if sent for disposal to landfill)			
PRECAUTIONS: Seal all used product or waste drums and store upright. Use as much of product as possible.			
SAMPLING REQUIRED: Required [] NO [X]		SAMPLE NAME: (DATE)	
SAMPLING PROCEDURE: N/A			
LABORATORY:	NAME:	ADDRESS:	
	CONTACT:	TELEPHONE:	
ANALYSIS:	PARAMETER:	METHOD:	SIGNIFICANCE:
ANALYTICAL RESULTS SIGNIFICANCE:			
CONTAINER:	TYPE: N/A	Lined: Required [] NO [X]	
LABEL:	Waste Name: EMPTY BARRELS/DRUMS Date Waste Placed in Container: Waste Code: Western's EPA ID No: NMD 052377637 ID No:		
TRANSPORTER:	TRANSPORTER NO. 1 (RE-USABLE DRUMS)	TRANSPORTER NO. 2: (WASTE DRUMS)	
	NAME: The Western Company of North America	NAME: Waste Management	
	ADDRESS: 7609 White Settlement Road Fort Worth, TX	ADDRESS: City Landfill 2608 Lovington Highway Hobbs, NM 88240	
	TELEPHONE: (817) 731-5100	TELEPHONE: 1-800-634-8760	
	ID NO:	ID NO:	
DISPOSER:	DISPOSER NO. 1 (RECLAIMER)	DISPOSER NO. 2	
	NAME: CBS Services, Inc.	NAME: Waste Management	
	ADDRESS: 4113 W. Industrial Midland, TX	ADDRESS: City Landfill 2608 Lovington Highway Hobbs, NM 88240	
	TELEPHONE: (915) 697-8171	TELEPHONE: 1-800-634-8760	
	EPA ID NO: N/A	EPA ID NO:	
RECORDS:	ALL RECORDS ARE TO BE FILED IN ENVIRONMENTAL OFFICE UNDER WASTE NAME		
	VOLUME OF WASTE: Record	MANIFEST: Required	
	ANALYTICAL RESULTS: Not Required		
	CHAIN OF CUSTODY: Not Required		

RECEIVED
MAY 05 1995
UCD HOBBS
OFFICE

HOBBS DISTRICT - WASTE MANAGEMENT PLAN

WASTE MANAGEMENT SUMMARY SHEET

RECEIVED

MAY 05 1995
UCD HOBBS
OFFICE

Subject:

SCRAP CONTAINERS/5-Gallon Buckets.

Waste

Description:

A container is empty when there is no product left in it. A can of solidified paint or other material is not considered empty (applies to containers less than 10 gallons in size).

Handling:

Empty containers shall be kept intact after use, if possible. All of the material in the container shall be used. Under no circumstances should a near empty container be rinsed out and the rinse water discharged onto the ground. The still considers the material within the container to be regulated as waste and spills or leaks to the ground must be reported. Rinsing of containers is allowed only if the rinsate can be routed to a permitted wastewater treatment system.

Storage:

Empty containers shall be stored in an area separate from containers holding products or wastes, and stored in a manner which does not cause a refuse problem at the site. The container shall be sealed closed and kept in the upright position.

Preferred Disposal:

Return empty containers/5-gallon buckets to the vendor if possible. If the containers are metal and cannot be returned to the vendor, then send to a metals reclaimer. Glass containers should be segregated and sent to a glass recycler, if possible.

Acceptable Disposal:

If the containers cannot be recycled or reclaimed, they may be disposed of in a landfill. If at all possible, remove ends before landfilling.

Transportation:

Empty containers can be transported by any carrier.

Recordkeeping:

N/A - none

WASTE NAME: SCRAP CONTAINERS/5-GALLON BUCKETS			
PRECAUTIONS: Use all product prior to disposal of containers. Do not mix with plant or office trash unless completely empty. If not empty handle like 55 gallon drums.			
SAMPLING REQUIRED: Required [] NO [X]		SAMPLE NAME: (DATE)	
SAMPLING PROCEDURE: N/A			
LABORATORY:	NAME: N/A	ADDRESS:	
	CONTACT:	TELEPHONE:	
ANALYSIS:	PARAMETER:	METHOD:	SIGNIFICANCE:
ANALYTICAL RESULTS SIGNIFICANCE:			
CONTAINER:	TYPE: N/A	Lined: Required [] NO [X]	
LABEL:	Waste Name: EMPTY CONTAINERS/5-GALLON BUCKETS Date Waste Placed in Container: Waste Code: Western's EPA ID No: NMD 052377637 ID No:		
TRANSPORTER:	TRANSPORTER NO. 1	TRANSPORTER NO. 2:	
	NAME: Waste Management	NAME:	
	ADDRESS: City Landfill 2608 Lovington Highway Hobbs, NM 88240	ADDRESS:	
	TELEPHONE: 1-800-634-8760	TELEPHONE:	
	ID NO: N/A	EPA ID NO:	
DISPOSER:	DISPOSER NO. 1	DISPOSER NO. 2	
	NAME: Waste Management	NAME:	
	ADDRESS: City Landfill 2608 Lovington Highway Hobbs, NM 88240	ADDRESS:	
	TELEPHONE: 1-800-634-8760	TELEPHONE:	
	EPA ID NO: N/A	EPA ID NO:	
RECORDS:	ALL RECORDS ARE TO BE FILED IN ENVIRONMENTAL OFFICE UNDER WASTE NAME		
	VOLUME OF WASTE: Record	MANIFEST: Not Required	
	ANALYTICAL RESULTS: Not Required		
	CHAIN OF CUSTODY: Not Required		

RECEIVED
MAY 05 1995
UCD HOBBS
OFFICE

HOBBS DISTRICT - WASTE MANAGEMENT PLAN

WASTE MANAGEMENT SUMMARY SHEET

Subject: OFFICE TRASH, Domestic Waste

Waste Description: Office trash or domestic waste (Oily waste, sorbent pads, spill dry etc. are not included in this waste classification).

Handling: Office trash shall be placed in a dumpster designated for this purpose. Under no circumstances shall office trash be combined with oily trash or other waste from the facility.

Storage: Office trash shall be segregated from other waste.

Preferred Disposal: Office trash will be transported to the municipal landfill for disposal.

Acceptable Disposal: See above.

Transportation: Office trash will be transported by the company who owns the disposal bin located at the facility.

Recordkeeping: The number of bins removed should be recorded to ensure accurate billing.

RECEIVED
MAY 05 1995
UCD HOBBS
OFFICE

WASTE NAME: OFFICE TRASH, DOMESTIC WASTE			
PRECAUTIONS: Do not mingle oil bearing solid wastes such as oil absorbents with Office Trash and Domestic Waste. Oil absorbents are regulated differently and should be disposed separately.			
SAMPLING REQUIRED: Required <input type="checkbox"/> NO <input checked="" type="checkbox"/>		SAMPLE NAME: (DATE)	
SAMPLING PROCEDURE: N/A			
LABORATORY:	NAME:	ADDRESS:	
	CONTACT:	TELEPHONE:	
ANALYSIS:	PARAMETER:	METHOD:	SIGNIFICANCE:
ANALYTICAL RESULTS SIGNIFICANCE:			
CONTAINER:	TYPE: Barrels/Drums	Lined: Required <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
LABEL:	Waste Name: OFFICE TRASH, DOMESTIC WASTE Date Waste Placed in Container: Waste Code: Western's EPA ID No: NMD 052377637 ID No:		
TRANSPORTER:	TRANSPORTER NO. 1	TRANSPORTER NO. 2:	
	NAME: Waste Management	NAME:	
	ADDRESS: City Landfill 2608 Lovington Highway Hobbs, NM 88240	ADDRESS:	
	TELEPHONE: 1-800-634-8760	TELEPHONE:	
	ID NO: N/A	EPA ID NO:	
DISPOSER:	DISPOSER NO. 1	DISPOSER NO. 2	
	NAME: Waste Management	NAME:	
	ADDRESS: City Landfill 2608 Lovington Highway Hobbs, NM 88240	ADDRESS:	
	TELEPHONE: 1-800-634-8760	TELEPHONE:	
	EPA ID NO: N/A	EPA ID NO:	
RECORDS:	ALL RECORDS ARE TO BE FILED IN ENVIRONMENTAL OFFICE UNDER WASTE NAME		
	VOLUME OF WASTE: Record	MANIFEST: Not Required	
	ANALYTICAL RESULTS: Not Required		
	CHAIN OF CUSTODY: Not Required		

RECEIVED
 MAY 05 1995
 JCD HOBBS
 OFFICE

HOBBS DISTRICT - WASTE MANAGEMENT PLAN

WASTE MANAGEMENT SUMMARY SHEET

RECEIVED
MAY 05 1995
USED OIL FILTERS
OFFICE

Subject: USED OIL FILTERS, compressor and generator filters,

- Waste Description:** Oil filters used in vehicle engines, compressor and generator engines.
- Handling:** Remove filters from the vehicle or unit in a manner which prevents spillage. If necessary, use a drip pan or a catch basin. Filters shall be drained into a sump, drum, or other vessel prior to storage. Crush the filters in a location where the oil will be collected.
- Storage:** Store the drained filters in a labeled, dated drum prior to removal by a designated recycler.
- Preferred Disposal:** Used filters stored in drums shall be removed for recycling/disposal by a designated transporter and disposal/recycling company. Used oil filters can no longer be put in dumpsters or trash bins for disposal at a municipal landfill.
- Acceptable Disposal:** See above.
- Transportation:** A licensed waste hauler must be used to transport the used filters.
- Recordkeeping:** Keep copies of the manifest of any shipment of used filters. Records should include:
- type of material
 - date of shipment
 - source/location of origin
 - volume of load
 - recycler's name and EPA Identification number
 - transporter's name and EPA Identification number (if any)
 - Copy of manifest

WASTE NAME: USED OIL FILTERS, COMPRESSOR AND GENERATOR FILTERS			
PRECAUTIONS: Drain all filters and recover oil prior to crushing. Separate from other domestic solid waste. Used Oil Filters are regulated differently and should be disposed separately.			
SAMPLING REQUIRED: Required [] NO [X]		SAMPLE NAME: (DATE)	
SAMPLING PROCEDURE: N/A			
LABORATORY:	NAME:	ADDRESS:	
	CONTACT:	TELEPHONE:	
ANALYSIS:	PARAMETER:	METHOD:	SIGNIFICANCE:
ANALYTICAL RESULTS SIGNIFICANCE:			
CONTAINER:	TYPE: Barrels/Drums	Lined: Required [] NO [X]	
LABEL:	Waste Name: USED ENGINE OIL FILTERS, COMPRESSOR AND GENERATOR FILTERS Date Waste Placed in Container: Waste Code: Western's EPA ID No: NMD 052377637 ID No:		
TRANSPORTER:	TRANSPORTER NO. 1	TRANSPORTER NO. 2:	
	NAME: E&E Enterprises	NAME:	
	ADDRESS: P.O. Box 683 Brownfield, TX 79316	ADDRESS:	
	TELEPHONE: (806) 637-9336	TELEPHONE:	
	ID NO: 41398	EPA ID NO:	
DISPOSER:	DISPOSER NO. 1	DISPOSER NO. 2	
	NAME: E&E Enterprises	NAME:	
	ADDRESS: P.O. Box 683 Brownfield, TX 79316	ADDRESS:	
	TELEPHONE: (806) 637-9336	TELEPHONE:	
	EPA ID NO: TXD 982756868	EPA ID NO:	
RECORDS:	ALL RECORDS ARE TO BE FILED IN ENVIRONMENTAL OFFICE UNDER WASTE NAME		
	VOLUME OF WASTE: Record	MANIFEST: Required	
	ANALYTICAL RESULTS: Not Required		
	CHAIN OF CUSTODY: Required		

HOBBS DISTRICT - WASTE MANAGEMENT PLAN

WASTE MANAGEMENT SUMMARY SHEET

RECEIVED

MAY 05 1995

UCD HOBBS
OFFICE

Subject:

WASTE ANTIFREEZE

Waste

Description: Waste antifreeze from facility cars, trucks and other equipment.

Handling:

Waste antifreeze shall be handled in a manner which does not contaminate soil, groundwater, or surface water. Waste antifreeze shall not be mixed with oils or any other waste.

Storage:

Waste antifreeze shall be stored in a designated drum which is clearly labeled and dated. The drum shall be stored in a designated waste drum storage area, separated from empty drums and drums containing product.

**Preferred
Disposal:**

Antifreeze removed from district vehicles may be accumulated and used in the cooling systems for larger equipment.

**Acceptable
Disposal:**

Waste antifreeze is to be returned to the vendor or to a designated waste oil recycler. Waste antifreeze is not allowed in municipal landfills.

Transportation:

A licensed waste hauler must be used to transport the waste antifreeze.

Recordkeeping:

Keep the records of any shipment for recycling of used antifreeze for future reference. Records should include:

- date of shipment
- source/location of origin
- volume of load
- hauler's name and EPA Identification number
- recycler's name and EPA Identification number
- Copy of manifest

WASTE NAME: WASTE ANTIFREEZE			
PRECAUTIONS: Antifreeze is considered waste only when disposed. Reuse antifreeze whenever possible.			
SAMPLING REQUIRED: Required <input type="checkbox"/> NO <input checked="" type="checkbox"/>		SAMPLE NAME: (DATE)	
SAMPLING PROCEDURE: N/A			
LABORATORY:	NAME:	ADDRESS:	
	CONTACT:	TELEPHONE:	
ANALYSIS:	PARAMETER:	METHOD:	SIGNIFICANCE:
ANALYTICAL RESULTS SIGNIFICANCE:			
CONTAINER:	TYPE: Drums	Lined: Required <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
LABEL:	Waste Name: WASTE ANTIFREEZE Date Waste Placed in Container: Waste Code: Western's EPA ID No: NMD 052377637 ID No:		
TRANSPORTER:	TRANSPORTER NO. 1	TRANSPORTER NO. 2:	
	NAME: E&E Enterprises	NAME:	
	ADDRESS: P.O. Box 683 Brownfield, TX 79316	ADDRESS:	
	TELEPHONE: (806) 637-9336	TELEPHONE:	
	ID NO: 41398	ID NO:	
DISPOSER:	DISPOSER NO. 1	DISPOSER NO. 2	
	NAME: E&E Enterprises	NAME:	
	ADDRESS: P.O. Box 683 Brownfield, TX 79316	ADDRESS:	
	TELEPHONE: (806) 637-9336	TELEPHONE:	
	EPA ID NO: TXD 982756868	EPA ID NO:	
RECORDS:	ALL RECORDS ARE TO BE FILED IN ENVIRONMENTAL OFFICE UNDER WASTE NAME		
	VOLUME OF WASTE: Record	MANIFEST: Required	
	ANALYTICAL RESULTS: Required		
	CHAIN OF CUSTODY: Required		

HOBBS DISTRICT - WASTE MANAGEMENT PLAN

WASTE MANAGEMENT SUMMARY SHEET

RECEIVED

MAY 15 1994
JCD HOBBS
OFFICE

Subject: **SCRAP METAL**

Waste Description: Junk pipe, equipment, metal plate, metal cable, junked pumps, valves, or any other metal waste.

Handling: Scrap metal, such as junked equipment, shall be handled in a manner which does not allow leakage of oil or other fluids (if present) onto the ground.

Storage: Scrap metal shall be stored in a segregated area, separate from equipment that is repairable or useable, and in a manner that does not contaminate soil, groundwater, or surface water.

Preferred Disposal: All scrap metal shall be sent to a scrap metal reclaimer or recycler if possible.

Acceptable Disposal: If a scrap metal reclaimer will not accept the scrap metal the waste can be landfilled.

Transportation: Scrap metal can be transported by any carrier.

Recordkeeping: Keep records of any shipment of scrap metal for future reference. Records should include:

- type of material
- date of shipment
- source/location of origin
- volume of load
- disposal site
- recycler's name

HOBBS DISTRICT - WASTE MANAGEMENT PLAN

WASTE MANAGEMENT SUMMARY SHEET

RECEIVED

MAY 05 1995

UCC HOBBS
OFFICE

Subject:

MAINTENANCE BAY RECOVERED OIL

Waste

Description:

Oil recovered from wastewater generated during washing of equipment in the equipment maintenance area (This oil is subject to different regulation than used motor oil and shall not be mixed with other oils).

Handling:

Recovered oils shall be handled in a manner which does not contaminate soil, groundwater, or surface water. Recovered oils shall not be mixed with any other waste. Analysis of the oil may be required to determine whether it is classified as a hazardous waste.

Storage:

Recovered oils shall be removed by vacuum truck from the accumulation sump or placed in a designated drum which is clearly labeled. The date that oil was first placed in the drum shall be marked on the label. The drum shall be stored in a designated waste drum storage area, separated from empty drums and drums containing product.

Preferred Disposal:

Recovered oils shall be sent to a designated waste oil recycler (if approved).

Acceptable Disposal:

Recovered oil may be sent to a fuel blending facility or licensed waste disposal facility if it cannot be sent to a used oil recycling facility.

Transportation:

A licensed waste hauler must be used to transport the recovered oils.

Recordkeeping:

Keep the records of any shipment for recycling of recovered oils for future reference. Records should include:

- type of oil
- date of shipment
- source/location of origin
- volume of load
- hauler's name and EPA Identification number
- recycler's name and EPA Identification number
- Copy of manifest with land disposal and waste minimization certification

WASTE NAME:		MAINTENANCE BAY RECOVERED OIL	
<p>PRECAUTIONS: Do not mix Recovered Oil with engine oil! These oils are regulated differently and based on analysis the cost for disposal of engine oil mixed with recovered oil (or mixtures) may be 3 to 5 times higher.</p>			
SAMPLING REQUIRED: Required <input checked="" type="checkbox"/> NO <input type="checkbox"/>		SAMPLE NAME: (DATE)	
<p>SAMPLING PROCEDURE: Samples will be obtained from oil prior to removing it from the sump. The sample should be obtained using weighted bottle. The sample should be poured from the weighted bottle into a sample bottle (obtained from Laboratory) and sealed. A minimum of one quart is required to be sent to the laboratory.</p>			
LABORATORY:	NAME: TraceAnalysis	ADDRESS: 6701 Aberdeen Avenue Lubbock TX 79424	
	CONTACT:	TELEPHONE: 806/794-1296	
ANALYSIS:	PARAMETER:	METHOD:	SIGNIFICANCE:
	Ignitability	PM Open Cup	Flash Point < 140 °F - Hazardous Waste
<p>ANALYTICAL RESULTS SIGNIFICANCE: If waste is considered a hazardous waste, then Transporter No. 2 and Disposer No. 2 must be used.</p>			
CONTAINER:	TYPE: 55 Gallon Drum/ Vacuum Truck	Lined: Required <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
LABEL:	Waste Name: RECOVERED OILS (MAINTENANCE BUILDING) Date Waste Placed in Container: Waste Code: Western's EPA ID No: NMD 052377637 ID No.		
TRANSPORTER:	TRANSPORTER NO. 1	TRANSPORTER NO. 2:	
	NAME: E&E Enterprises	NAME: Safety-Kleen Corp.	
	ADDRESS: P.O. Box 683 Brownfield, TX 79316	ADDRESS: 10607 WCR 127 Midland, TX 79711	
	TELEPHONE: (806) 637-9336	TELEPHONE: (915) 563-2305	
	ID NO: 41398	ID NO: 72078	
DISPOSER:	DISPOSER NO. 1	DISPOSER NO. 2	
	NAME: E&E Enterprises	NAME: Safety-Kleen Corp.	
	ADDRESS: P.O. Box 683 Brownfield, TX 79316	ADDRESS: 10607 WCR 127 Midland, TX 79711	
	TELEPHONE: (806) 637-9336	TELEPHONE: (915) 563-2305	
	EPA ID NO: TXD 982756868	EPA ID NO: TXD 981 056 690	
RECORDS: NAME	ALL RECORDS ARE TO BE FILED IN ENVIRONMENTAL OFFICE UNDER WASTE NAME		
	VOLUME OF WASTE: Record	MANIFEST: TNRCC 0311	
	ANALYTICAL RESULTS: Required		
	CHAIN OF CUSTODY: Required		

HOBBS DISTRICT - WASTE MANAGEMENT PLAN

WASTE MANAGEMENT SUMMARY SHEET

RECEIVED

MAY 05 1995

UCD HOBBS
OFFICE

Subject:

MAINTENANCE BAY SEPARATOR SOLIDS

Waste

Description:

Solids which accumulate in the oil/water separators serving the maintenance building which must be removed occasionally.

Handling:

Solids removed from the separator may contain appreciable amounts of oil and heavy metals and must be handled properly to prevent potential releases. The removed solids shall be placed in a lined drum and labeled.

Storage:

The containers of solids shall be stored in a designated area to ensure proper management prior to shipment off-site for disposal.

Preferred

Disposal:

The separator solids must be manifested and sent to an industrial waste treatment facility or landfill for disposal.

Acceptable

Disposal:

See above.

Transportation:

A licensed waste hauler must be used to transport the oil/water separator solids.

Recordkeeping:

Keep copies of the field analyses and the volume of solids removed from the sump. Records which should be kept include:

- Analytical results
- volume of material
- date of discharge
- source/location of origin
- transporter's name and EPA Identification number
- disposer's name and EPA Identification number
- Copy of manifest with land disposal and waste minimization certification

WASTE NAME: MAINTENANCE BAY SEPARATOR SOLIDS			
PRECAUTIONS: Solid may contain oils and heavy metals handle with care and prevent spilling to ground.			
SAMPLING REQUIRED: Required <input checked="" type="checkbox"/> NO <input type="checkbox"/>		SAMPLE NAME: (DATE)	
SAMPLING PROCEDURE: Obtain a representative of sample of the oil/water separator solid.			
LABORATORY:	NAME: TraceAnalysis	ADDRESS: 6701 Aberdeen Avenue Lubbock TX 79424	
	CONTACT:	TELEPHONE: 806/794-1296	
ANALYSIS:	PARAMETER:	METHOD:	SIGNIFICANCE:
	Lead and Barium Content	TCLP	Lead > 5 mg/L Barium > 100 mg/L - Hazardous
ANALYTICAL RESULTS SIGNIFICANCE: If waste is considered a hazardous waste, Transporter No.2 and Disposer No.2 must be used.			
CONTAINER:	TYPE: N/A	Lined: Required <input type="checkbox"/> NO <input type="checkbox"/>	
LABEL:	Waste Name: OIL/WATER SEPARATOR SOLIDS (MAINTENANCE BUILDING) Date Waste Placed in Container: Waste Code: Western's EPA ID No: NMD 052377637 ID No:		
TRANSPORTER:	TRANSPORTER NO. 1	TRANSPORTER NO. 2:	
	NAME: Sonny's Oilfield Services, Inc.	NAME: Safety-Kleen Corp.	
	ADDRESS: P.O. Box 1440 Hobbs, NM 88240	ADDRESS: 10607 WCR 127 Midland, TX 79711	
	TELEPHONE: (505) 282-4521	TELEPHONE: (915) 563-2305	
	ID NO:	ID NO: 72078	
DISPOSER:	DISPOSER NO. 1	DISPOSER NO. 2	
	NAME: Control Recovery, Inc.	NAME: Safety-Kleen Corp.	
	ADDRESS: P.O. Box 369 Hobbs, NM 88241	ADDRESS: 10607 WCR 127 Midland, TX 79711	
	TELEPHONE: (505) 393-1079	TELEPHONE: (915) 563-2305	
	EPA ID NO: R-9166	EPA ID NO: TXD 981 056 690	
RECORDS:	ALL RECORDS ARE TO BE FILED IN ENVIRONMENTAL OFFICE UNDER WASTE NAME		
	VOLUME OF WASTE: Record	MANIFEST: Required	
	ANALYTICAL RESULTS: Required		
	CHAIN OF CUSTODY: Required		

HOBBS DISTRICT - WASTE MANAGEMENT PLAN

WASTE MANAGEMENT SUMMARY SHEET

RECEIVED

MAY 05 1995

UCD HOBBS
OFFICE

Subject:

MAINTENANCE BAY TREATED WASTEWATER

Waste

Description:

Wastewater generated during washing of equipment and water discharged from within maintenance building. (Oil and solids contained in this washwater are managed under separate waste codes.)

Handling:

All wastewater from within the maintenance building shall be collected and routed to the oil/water separator. After removal of solids and floating oils, the wastewater is routed to the septic system. The collection sumps within the building should be used only to collect washwater. No solvents or oil shall be discharged to this sump. Oil, solvents, antifreeze and other materials shall be collected separately.

Storage:

Equipment washwater will not normally be stored on-site. The water will be treated and discharged to the septic system.

Preferred

Disposal:

Equipment washwater will be discharged to the septic system.

Acceptable

Disposal:

See above.

Transportation:

N/A - none

Recordkeeping:

N/A - none

WASTE NAME: MAINTENANCE BAY TREATED WASTEWATER			
PRECAUTIONS: Avoid any mingling of excess oil to wastewaters. The pH of the wastewater must be between 6 and 9 prior to offsite disposal.			
SAMPLING REQUIRED: Required <input type="checkbox"/> NO <input checked="" type="checkbox"/>		SAMPLE NAME: (DATE)	
SAMPLING PROCEDURE: If a representative from the City or other disposal facility obtains samples, attempt to obtain samples at the same time. Obtain a list of the analyses he plans to conduct. For a similar analyses send samples to:			
LABORATORY:	NAME: TraceAnalysis	ADDRESS: 6701 Aberdeen Avenue Lubbock TX 79424	
	CONTACT:	TELEPHONE: 806/794-1296	
ANALYSIS:	PARAMETER:	METHOD:	SIGNIFICANCE:
ANALYTICAL RESULTS SIGNIFICANCE:			
CONTAINER:	TYPE: N/A	Lined: Required <input type="checkbox"/> NO <input type="checkbox"/>	
LABEL:	Waste Name: WASTEWATER FROM OIL FIELD EQUIPMENT WASHING Date Waste Placed in Container: Waste Code: Western's EPA ID No: NMD 052377637 ID No:		
TRANSPORTER:	TRANSPORTER NO. 1	TRANSPORTER NO. 2:	
	NAME: The Western Company of North America	NAME: Sonny's Oilfield Services, inc.	
	ADDRESS: 2708 W. County Road Hobbs, NM 88240	ADDRESS: P.O. Box 1440 Hobbs, NM 88240	
	TELEPHONE: (505) 392-5556	TELEPHONE: (505) 393-4521	
	EPA ID NO: NMD 052377637	EPA ID NO: 2383	
DISPOSER:	DISPOSER NO. 1	DISPOSER NO. 2	
	NAME: City of Hobbs Wastewater Disp.	NAME: Control Recovery, Inc.	
	ADDRESS: Texas & 5th Hobbs, NM 88240	ADDRESS: P.O. Box 369 Hobbs, NM 88241	
	TELEPHONE: (505) 397-9315	TELEPHONE: (505) 393-1079	
	EPA ID NO:	EPA ID NO: R-9166	
RECORDS:	ALL RECORDS ARE TO BE FILED IN ENVIRONMENTAL OFFICE UNDER WASTE NAME		
	VOLUME OF WASTE: Record	MANIFEST: Required	
	ANALYTICAL RESULTS: Not Required		
	CHAIN OF CUSTODY: Required		

HOBBS DISTRICT - WASTE MANAGEMENT PLAN

WASTE MANAGEMENT SUMMARY SHEET

RECEIVED

MAY 05 1995

UCD HOBBS
OFFICE

Subject:

OILY TRASH

Waste

Description:

Any trash from the maintenance bay or other oily trash which is to be discarded shall be placed in a special dumpster. Waste includes rags, sorbent pads, spill dry and other trash. No products or chemicals are included in this waste description.

Handling:

Under no circumstances shall oily trash be combined with office trash or other waste from the facility. Oily trash shall be managed in a manner which prevents potential discharge to the ground or water. Liquids should never be placed in the dumpster.

Storage:

Oily trash shall be segregated from other waste in a designated dumpster.

Preferred Disposal:

Oily trash will be transported to an industrial waste treatment or disposal facility for disposal.

Acceptable Disposal:

See above.

Transportation:

Oily trash will be transported by the company who owns the disposal bin located at the facility.

Recordkeeping:

Keep copies of analyses and the volume of oily trash sent off-site for disposal. Records which should be kept include:

- Analytical results
- volume of material
- date of discharge
- source/location of origin
- transporter's name and EPA Identification number
- disposer's name and EPA Identification number
- Copy of manifest

WASTE NAME: OILY TRASH			
PRECAUTIONS: Do not mingle maintenance bay trash (oily trash) with Office Trash and Domestic Waste. Oil absorbents and oily trash are regulated differently and should be disposed separately.			
SAMPLING REQUIRED: Required <input type="checkbox"/> NO <input checked="" type="checkbox"/>		SAMPLE NAME: (DATE)	
SAMPLING PROCEDURE: N/A			
LABORATORY:	NAME:	ADDRESS:	
	CONTACT:	TELEPHONE:	
ANALYSIS:	PARAMETER:	METHOD:	SIGNIFICANCE:
ANALYTICAL RESULTS SIGNIFICANCE:			
CONTAINER:	TYPE: Drums	Lined: Required <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
LABEL:	Waste Name: MAINTENANCE BAY TRASH, OILY TRASH Date Waste Placed in Container: Waste Code: Western's EPA ID No: NMD 052377637 ID No:		
TRANSPORTER:	TRANSPORTER NO. 1	TRANSPORTER NO. 2:	
	NAME: E&E Enterprises	NAME:	
	ADDRESS: P.O. Box 683 Brownfield, TX 79316	ADDRESS:	
	TELEPHONE: (806) 637-9336	TELEPHONE:	
	ID NO: 41398	EPA ID NO:	
DISPOSER:	DISPOSER NO. 1	DISPOSER NO. 2	
	NAME: E&E Enterprises	NAME:	
	ADDRESS: P.O. Box 683 Brownfield, TX 79316	ADDRESS:	
	TELEPHONE: (806) 637-9336	TELEPHONE:	
	EPA ID NO: TXD 982756868	EPA ID NO:	
RECORDS:	ALL RECORDS ARE TO BE FILED IN ENVIRONMENTAL OFFICE UNDER WASTE NAME		
	VOLUME OF WASTE: Record	MANIFEST: Required	
	ANALYTICAL RESULTS: Not Required		
	CHAIN OF CUSTODY: Required		

HOBBS DISTRICT - WASTE MANAGEMENT PLAN

RECEIVED

WASTE MANAGEMENT SUMMARY SHEET

MAY 05 1995

UCD HOBBS
OFFICE

Subject:

RECOVERED FIELD WASTE OIL

Waste

Description:

Oil recovered from separator at the Field Waste treatment system. This oil is subject to different regulation than used motor oil and shall not be mixed with other oils.

Handling:

Recovered oils shall be handled in a manner which does not contaminate soil, groundwater, or surface water. Recovered oils shall not be mixed with any other waste. Analysis of the oil may be required to determine whether it is classified as a hazardous waste.

Storage:

Recovered oils shall be stored in a designated drum which is clearly labeled. The date that oil was first placed in the drum should be marked on the label. The drum shall be stored in a designated waste drum storage area, separated from empty drums and drums containing product.

**Preferred
Disposal:**

Recovered oils shall be sent to a designated waste oil recycler (if approved).

**Acceptable
Disposal:**

Recovered oil may be sent to a fuel blending facility or licensed waste disposal facility if it cannot be sent to a used oil recycling facility.

Transportation:

A licensed waste hauler must be used to transport the recovered oils.

Recordkeeping:

Keep the records of any shipment for recycling of recovered oils for future reference. Records should include:

- type of oil
- date of shipment
- source/location of origin
- volume of load
- hauler's name and EPA Identification number
- recycler's name and EPA Identification number
- Copy of manifest with land disposal and waste minimization certification

WASTE NAME: RECOVERED FIELD WASTE OIL	
PRECAUTIONS: Do not mix Recovered Oil with engine oil! These oils are regulated differently and based on analysis the cost for disposal of engine oil mixed with recovered oil (or mixtures) may be 3 to 5 times higher.	
SAMPLING REQUIRED: Required <input checked="" type="checkbox"/> NO <input type="checkbox"/> SAMPLE NAME: (DATE)	
SAMPLING PROCEDURE: Samples will be obtained from oil prior to removing it from the sump. The sample should be obtained using weighted bottle. The sample should be poured from the weighted bottle (obtained from Laboratory) and sealed. A minimum of one quart is required to be sent to the laboratory.	
LABORATORY:	NAME: TraceAnalysis ADDRESS: 6701 Aberdeen Avenue Lubbock TX 79424
	CONTACT: TELEPHONE: 806/794-1296
ANALYSIS:	PARAMETER: METHOD: SIGNIFICANCE:
	Ignitability PM Open Cup Flash Point < 140 °F - Hazardous Waste pH EPA 150.1 pH < 2 - Hazardous Waste
ANALYTICAL RESULTS SIGNIFICANCE: If waste is considered a hazardous waste, then Transporter No. 2 and Disposer No. 2 must be used.	
CONTAINER:	TYPE: 55 Gallon Drum/ Vacuum Truck Lined: Required <input checked="" type="checkbox"/> NO <input type="checkbox"/>
LABEL:	Waste Name: RECOVERED OILS (FIELD WASTE STATION) Date Waste Placed in Container: Waste Code: Western's EPA ID No: NMD 052377637 ID No.
TRANSPORTER:	TRANSPORTER NO. 1 TRANSPORTER NO. 2:
	NAME: E&E Enterprises NAME: Safety-Kleen Corp.
	ADDRESS: P.O. Box 683 ADDRESS: 10607 WCR 127 Brownfield, TX 79316 Midland, TX 79711
	TELEPHONE: (806) 637-9336 TELEPHONE: (915) 563-2305
	ID NO: 41398 ID NO: 72078
DISPOSER:	DISPOSER NO. 1 DISPOSER NO. 2
	NAME: E&E Enterprises NAME: Safety-Kleen Corp.
	ADDRESS: P.O. Box 683 ADDRESS: 10607 WCR 127 Brownfield, TX 79316 Midland, TX 79711
	TELEPHONE: (806) 637-9336 TELEPHONE: (915) 563-2305
	EPA ID NO: TXD 982756868 EPA ID NO: TXD 981056690
RECORDS: NAME	ALL RECORDS ARE TO BE FILED IN ENVIRONMENTAL OFFICE UNDER WASTE
	VOLUME OF WASTE: Record MANIFEST: TNRCC 0311
	ANALYTICAL RESULTS: Not Required
	CHAIN OF CUSTODY: Required

HOBBS DISTRICT - WASTE MANAGEMENT PLAN

WASTE MANAGEMENT SUMMARY SHEET

RECEIVED

Subject:

FIELD WASTE SEPARATOR SOLIDS

MAY 05 1995

UCD HOBBS
OFFICE

Waste

Description:

Solids which accumulate in the field waste sumps or the oil/water separator.

Handling:

Solids removed from the pits or the separator may contain appreciable amounts of oil and heavy metals and must be handled properly to prevent potential releases. The removed solids shall be placed in a lined drum and labeled. In some cases, acidic or caustic material may be present in the sump material so adequate precautions to prevent burns shall be taken until the pH of the material can be determined.

Storage:

The containers of solids shall be stored in a designated storage area to ensure proper management prior to shipment off-site for disposal.

Preferred

Disposal:

The separator and pit solids must be manifested and sent to an industrial waste treatment facility or landfill for disposal.

Acceptable

Disposal:

See above.

Transportation:

A licensed waste hauler must be used to transport the Field Waste solids.

Recordkeeping:

Keep copies of the field analyses and the volume of solids removed from the sump. Records which should be kept include:

- Analytical results
- volume of material
- date of discharge
- source/location of origin
- transporter's name and EPA Identification number
- disposer's name and EPA Identification number
- Copy of manifest with land disposal and waste minimization certification

WASTE NAME: FIELD WASTE SEPARATOR SOLIDS			
PRECAUTIONS: Field waste solids may have low pH. Handle with care and use appropriate Personal Protective Equipment.			
SAMPLING REQUIRED: Required <input checked="" type="checkbox"/> NO <input type="checkbox"/>		SAMPLE NAME: (DATE)	
SAMPLING PROCEDURE: Obtain a representative of sample of the field waste solid.			
LABORATORY:	NAME: TraceAnalysis	ADDRESS: 6701 Aberdeen Avenue Lubbock TX 79424	
	CONTACT:	TELEPHONE: 806/794-1296	
ANALYSIS:	PARAMETER:	METHOD:	SIGNIFICANCE:
	pH	EPA-SW-9040	pH < 2 - Hazardous Waste
ANALYTICAL RESULTS SIGNIFICANCE: If waste is considered a hazardous waste, then Transporter No. 2 and Disposer No. 2 must be used.			
CONTAINER:	TYPE: N/A	Lined: Required <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
LABEL:	Waste Name: FIELD WASTE SOLIDS Date Waste Placed in Container: Waste Code: Western's EPA ID No: NMD 052377637 ID No:		
TRANSPORTER:	TRANSPORTER NO. 1	TRANSPORTER NO. 2:	
	NAME: Sonny's Oilfield Services, Inc.	NAME: Safety-Kleen Corp.	
	ADDRESS: P.O. Box 1440 Hobbs, NM 88240	ADDRESS: 10607 WCR 127 Midland, TX 79711	
	TELEPHONE: (505) 393-4521	TELEPHONE: (915) 563-2305	
	ID NO:	ID NO: 72078	
DISPOSER:	DISPOSER NO. 1	DISPOSER NO. 2	
	NAME: Control Recovery, Inc.	NAME: Safety-Kleen Corp.	
	ADDRESS: P.O. Box 369 Hobbs, NM 88241	ADDRESS: 10607 WCR 127 Midland, TX 79711	
	TELEPHONE: (505) 393-1079	TELEPHONE: (915) 563-2305	
	EPA ID NO: R-9166	EPA ID NO: TXD 981056690	
RECORDS:	ALL RECORDS ARE TO BE FILED IN ENVIRONMENTAL OFFICE UNDER WASTE NAME		
	VOLUME OF WASTE: Record	MANIFEST: Required	
	ANALYTICAL RESULTS: Required		
	CHAIN OF CUSTODY: Required		

HOBBS DISTRICT - WASTE MANAGEMENT PLAN

WASTE MANAGEMENT SUMMARY SHEET

RECEIVED

MAY 05 1995

**UCD HOBBS
OFFICE**

Subject:
TREATED FIELD WASTEWATER

Waste

Description: Trucks returning from a jobsite frequently contain dilute acid or other field waste. The material contained in these trucks and material washed from the trucks are discharged to the field waste sumps. If strong acid is contained in the truck see the waste acid waste summary sheet.

Handling: Field wastes are flushed into the Field Waste system. The dilute stream is routed to the oil/water separator to remove any floating oils and transferred to the neutralization tank. In the neutralization tank, the pH will be raised to between 6 and 9 and the wastewater is disposed of offsite.

Storage: The field waste treatment system is designed as a flow through system and will not normally store any waste. Treated wastewater may be temporarily accumulated or stored in the system.

Preferred Disposal: After removal of any floating oils and neutralization, the resulting stream is disposed of offsite.

Acceptable Disposal: See above.

Transportation: Any carrier can be used.

Recordkeeping: Records which should be kept include:

- volume of material
- date of discharge
- source/location of origin

WASTE NAME: TREATED FIELD WASTEWATER			
PRECAUTIONS: Wastewater must be between pH 6 and 9 prior to discharge to City Wastewater Treatment Plant.			
SAMPLING REQUIRED: Required <input type="checkbox"/> NO <input checked="" type="checkbox"/>		SAMPLE NAME: (DATE)	
SAMPLING PROCEDURE:			
LABORATORY:	NAME:	ADDRESS:	
	CONTACT:	TELEPHONE:	
ANALYSIS:	PARAMETER:	METHOD:	SIGNIFICANCE:
ANALYTICAL RESULTS SIGNIFICANCE:			
CONTAINER:	TYPE: N/A	Lined: Required <input type="checkbox"/> NO <input type="checkbox"/>	
LABEL:	Waste Name: FIELD WASTEWATER Date Waste Placed in Container: Waste Code: Western's EPA ID No: NMD 052377637 ID No:		
TRANSPORTER:	TRANSPORTER NO. 1	TRANSPORTER NO. 2:	
	NAME: The Western Company of North America	NAME: Sonny's Oilfield Services, Inc.	
	ADDRESS: 2708 W. County Road Hobbs, NM 88240	ADDRESS: P.O. Box 1440 Hobbs, NM 88240	
	TELEPHONE: (505) 392-5556	TELEPHONE: (505) 393-4521	
	EPA ID NO: NMD 052377637	EPA ID NO:	
DISPOSER:	DISPOSER NO. 1	DISPOSER NO. 2	
	NAME: City of Hobbs Wastewater Disp.	NAME: Control Recovery, Inc.	
	ADDRESS: Texas & 5th Hobbs, NM 88240	ADDRESS: P.O. Box 369 Hobbs, NM 88241	
	TELEPHONE: (505) 392-5556	TELEPHONE: (505) 393-1079	
	EPA ID NO: N/A	EPA ID NO: R-9166	
RECORDS:	ALL RECORDS ARE TO BE FILED IN ENVIRONMENTAL OFFICE UNDER WASTE NAME		
	VOLUME OF WASTE: Record	MANIFEST: Not Required	
	ANALYTICAL RESULTS: Not Required		
	CHAIN OF CUSTODY: Not Required		

HOBBS DISTRICT - WASTE MANAGEMENT PLAN

WASTE MANAGEMENT SUMMARY SHEET

RECEIVED

MAY 05 1995

**UCD HOBBS
OFFICE**

Subject:

ACID, WASTE

Waste

Description:

Acid returned from a jobsite which contains additives is frequently disposed of because no alternative uses are readily available. When disposed, the acid shall be managed as a hazardous waste. The acid has a very low pH (less than 2) and may cause severe burns, refer to the MSDS for hazard identification and handling procedures. The acid becomes waste when it is determined that it will be discarded.

Handling:

The acid has a very low pH and may cause severe burns, refer to the MSDS for hazard identification and handling procedures. The acid shall be drained to the Field Waste system where solids are allowed to separate. The acid stream shall then be routed to the oil/water separator to remove any floating oils and transferred to the neutralization tank. In the neutralization tank, the pH shall be raised to between 6 and 9 and the wastewater disposed offsite.

Storage:

The acid collection and oil removal system is designed as a flow through system and will not normally store any waste acid. Neutralized acid may be temporarily stored in the system.

Preferred

Disposal:

Waste acid is currently neutralized on-site. After removal of any floating oils and neutralization, the resulting stream which is no longer hazardous is disposed of offsite.

Acceptable

Disposal:

The waste acid may be a candidate for recycling or re-use at another location. These alternatives must be approved by the Environmental Coordinator on a case by case basis. If the waste is not treated on-site, additional recordkeeping requirements described below apply.

Transportation:

Waste acid will normally be neutralized on-site and the resulting wastewater stream disposed of offsite. If the acid is to be transported to another location for neutralization or disposal, a licensed waste hauler must be used.

Recordkeeping:

Keep copies of the field analyses and the volume of acid discharged to the Field Waste system. Records which should be kept include:

- Analytical results
- volume of material
- date of discharge
- source/location of origin (ie. job number)

If waste is sent off-site prior to neutralization, these additional records must be kept:

- transporter's name and EPA Identification number
- disposer's name and EPA Identification number
- Copy of manifest with land disposal and waste minimization certification

WASTE NAME: ACID, WASTE			
PRECAUTIONS: Contact with skin or eyes and avoid breathing vapors. Always wear Personal Protective Equipment.			
SAMPLING REQUIRED: Required [] NO [X] Due to Knowledge of Process			SAMPLE NAME: (DATE)
SAMPLING PROCEDURE:			
LABORATORY:	NAME: N/A	ADDRESS:	
	CONTACT:	TELEPHONE:	
ANALYSIS:	PARAMETER:	METHOD:	SIGNIFICANCE:
ANALYTICAL RESULTS SIGNIFICANCE:			
CONTAINER:	TYPE: N/A	Lined: Required [X] NO []	
LABEL:	Waste Name: WASTE HYDROCHLORIC ACID Date Waste Placed in Container: Waste Code: Hazardous Western's EPA ID No: NMD 052377637 ID No:		
TRANSPORTER:	TRANSPORTER NO. 1	TRANSPORTER NO. 2:	
	NAME: Sonny's Oilfield Services	NAME:	
	ADDRESS: P.O. Box 1440 Hobbs, NM 88240	ADDRESS:	
	TELEPHONE: (505) 393-4521	TELEPHONE:	
	EPA ID NO:	EPA ID NO:	
DISPOSER:	DISPOSER NO. 1 (TREATED AND DISPOSED AS NEUTRALIZED WASTE)	DISPOSER NO. 2	
	NAME: Control Recovery, Inc.	NAME:	
	ADDRESS: P.O. Box 369 Hobbs, NM 88241	ADDRESS:	
	TELEPHONE: (505) 393-1079	TELEPHONE:	
	EPA ID NO: R-9166	EPA ID NO:	
RECORDS:	ALL RECORDS ARE TO BE FILED IN ENVIRONMENTAL OFFICE UNDER WASTE NAME		
	VOLUME OF WASTE: Record (Actual volume of Acid, not treated Acid)	MANIFEST: Not Required	
	ANALYTICAL RESULTS: Not Required		
	CHAIN OF CUSTODY: Not Required		

HOBBS DISTRICT - WASTE MANAGEMENT PLAN

WASTE MANAGEMENT SUMMARY SHEET

RECEIVED

MAY 05 1995

UCD HOBBS
OFFICE

Subject:

HYDROCARBON BEARING SOIL

Waste

Description: Soil contaminated with oil (including lubricating oils, diesel or recovered oil) due to drips or spills. Soil affected by releases from underground fuel storage tanks may be exempt from some of these requirements, contact the Environmental Compliance Manager (ECM) for clarification when removing underground storage tanks.

Handling: Soil contaminated with oil shall be handled in such a way as to prevent rainfall runoff from becoming contaminated by the oil, and to prevent downward migration of the oil through the soil. A hazardous waste determination must be made on soil contaminated with oil. The soil will not normally be classified as hazardous waste, but sampling and analysis for the Toxicity Characteristics and TPH may be required.

Storage: If soil contaminated with oil has to be stockpiled before removal, then it shall be piled in a manner that prevents contamination of soil and rainfall runoff. The soil pile shall have a small berm built around it, and it should be covered with a tarp.

Preferred

Disposal: If there is potential for the soil to be a hazardous waste, conduct a TCLP analysis. Contact the Environmental Coordinator for assistance in making a hazardous waste determination. If the soil is not hazardous and does not contain high levels of metals, then on-site landfarming/bioremediation may be allowed. The Environmental Compliance Manager should be contacted to make this determination. Contamination of rainfall runoff should be prevented during landfarming/bioremediation.

If the soil is determined to be hazardous, the soil must be transported to a licensed disposal facility for disposal. The soil must be hauled by a registered waste transporter, accompanied by a Uniform Hazardous Waste Manifest, to a permitted hazardous waste disposal site.

Acceptable

Disposal: Off-site disposal at a licensed facility can be used.

Transportation:

A licensed waste hauler must be used to transport the contaminated soils.

Record-keeping:

Keep the manifest or records of any shipment of contaminated soil. Records should include:

- type of material
- laboratory analysis
- date of shipment
- source/location of origin
- volume of load
- hauler's name and EPA Identification number
- disposer's name and EPA Identification number
- Copy of manifest with land disposal and waste minimization certification

WASTE NAME: HYDROCARBON BEARING SOIL			
PRECAUTIONS: Hydrocarbon bearing soil should be placed in containers to prevent spreading or contamination of stormwater runoff.			
SAMPLING REQUIRED: Required <input checked="" type="checkbox"/> NO <input type="checkbox"/>		SAMPLE NAME: (DATE)	
SAMPLING PROCEDURE: Obtain a representative of sample of the hydrocarbon bearing soil.			
LABORATORY:	NAME: TraceAnalysis	ADDRESS: 6701 Aberdeen Avenue Lubbock TX 79424	
	CONTACT:	TELEPHONE: 806/794-1296	
ANALYSIS:	PARAMETER:	METHOD:	SIGNIFICANCE:
	Benzene	TCLP	Benzene < 0.5 mg/L of extract - Non-Hazardous
ANALYTICAL RESULTS SIGNIFICANCE: If benzene < 0.5 mg/L of extract then use Transporter No.1 and Disposer No. 1 else use Transporter No.2 and Disposer No. 2 for disposal.			
CONTAINER:	TYPE: N/A	Lined: Required <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
LABEL:	Waste Name: HYDROCARBON BEARING SOIL Date Waste Placed in Container: Waste Code: Western's EPA ID No: NMD 052377637 ID No:		
TRANSPORTER:	TRANSPORTER NO. 1	TRANSPORTER NO. 2:	
	NAME: Sonny's Oilfield Services, Inc.	NAME: Safety-Kleen Corp.	
	ADDRESS: P.O. Box 1440 Hobbs, NM 88240	ADDRESS: 10607 WCR 127 Midland, TX 79711	
	TELEPHONE: (505) 393-4521	TELEPHONE: (915) 563-2305	
	ID NO:	ID NO: 72078	
DISPOSER:	DISPOSER NO. 1	DISPOSER NO. 2	
	NAME: Control Recovery, Inc.	NAME: Safety-Kleen Corp.	
	ADDRESS: P.O. Box 369 Hobbs, NM 88241	ADDRESS: 10607 WCR 127 Midland, TX 79711	
	TELEPHONE: (505) 393-1079	TELEPHONE: (915) 563-2305	
	EPA ID NO: R-9166	EPA ID NO: TXD 981056690	
RECORDS:	ALL RECORDS ARE TO BE FILED IN ENVIRONMENTAL OFFICE UNDER WASTE NAME		
	VOLUME OF WASTE: Record	MANIFEST: EPA manifest if Hazardous	
	ANALYTICAL RESULTS: Required		
	CHAIN OF CUSTODY: Required		



**The Western Company
of North America**

OIL CONSERVATION DIVISION
RECEIVED

1995 MAR 16 PM 8 52

PHILLIP BOX, REM
Manager, Real Estate & Facilities Construction

Tel 713-629-2861
Fax 713-629-2885

March 6, 1995

Mr. Bill LeMay, Director
New Mexico Energy Minerals & Natural Resource Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, NM 87504

Re: Revision for Discharge Plan GW-72
The Western Company of North America-Hobbs

Dear Mr. LeMay:

The following pages include information to be added to the Discharge Plan GW-72 for Western's Hobbs facility:

- Sections I-IV
- Section VI

This information has been discussed with Chris Eustes and a copy provided to him.

If additional information is required, please let me know.

Sincerely,

Phillip Box
THE WESTERN COMPANY OF NORTH AMERICA

PB/mkd
Enclosures

cc: Chris Eustes, NM//
Jim Frazier, HOB/
HOB Discharge file
ERF

515 Post Oak Blvd., Suite 1200, Houston, TX 77027
P.O. Box 56006, Houston, TX 77256
(713) 629-2600—Office • 792093—Telex • (713) 629-2609—Fax



**The Western Company
of North America**

OIL CONSERVATION DIVISION
RECEIVED

'95 MAR 16 PM 8 52

PHILLIP BOX, REM
Manager, Real Estate & Facilities Construction

Tel 713-629-2861
Fax 713-629-2885

March 6, 1995

Mr. Bill LeMay, Director
New Mexico Energy Minerals & Natural Resource Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, NM 87504

Re: Revision for Discharge Plan GW-72
The Western Company of North America-Hobbs

Dear Mr. LeMay:

The following pages include information to be added to the Discharge Plan GW-72 for Western's Hobbs facility:

- Sections I-IV
- Section VI

This information has been discussed with Chris Eustes and a copy provided to him.

If additional information is required, please let me know.

Sincerely,

Phillip Box
THE WESTERN COMPANY OF NORTH AMERICA

PB/mkd
Enclosures

c: Chris Eustes, NM
Jim Frazier, HOB
HOB Discharge file
ERF

SECTION VI

ADDITIONAL MATERIALS STORED

PROCESS DESCRIPTION
BULK CEMENT STORAGE/BLENDING FACILITY

BULK CEMENT STORAGE/BLENDING FACILITY

Process Description

The bulk cement storage/blending facility will be utilized to store and blend the cements used in cementing services provided to oil and gas well customers in the area. The basic configuration of the proposed cement facility is shown on the attached process flow diagrams and consist of the following units:

1. Four (4) 3,000 cubic foot vertical steel bulk cement storage silos - airtight;
2. One (1) pneumatic system consisting of air compressor, air dryer, air lines, air actuator valves and air actuator valve control panel;
3. One (1) vent line system;
4. Two (2) fill line systems;
5. One (1) 240 cubic foot capacity steel bulk cement blender with weight scales;
6. One (1) air pollution control baghouse dust collector;
7. One (1) discharge line system.

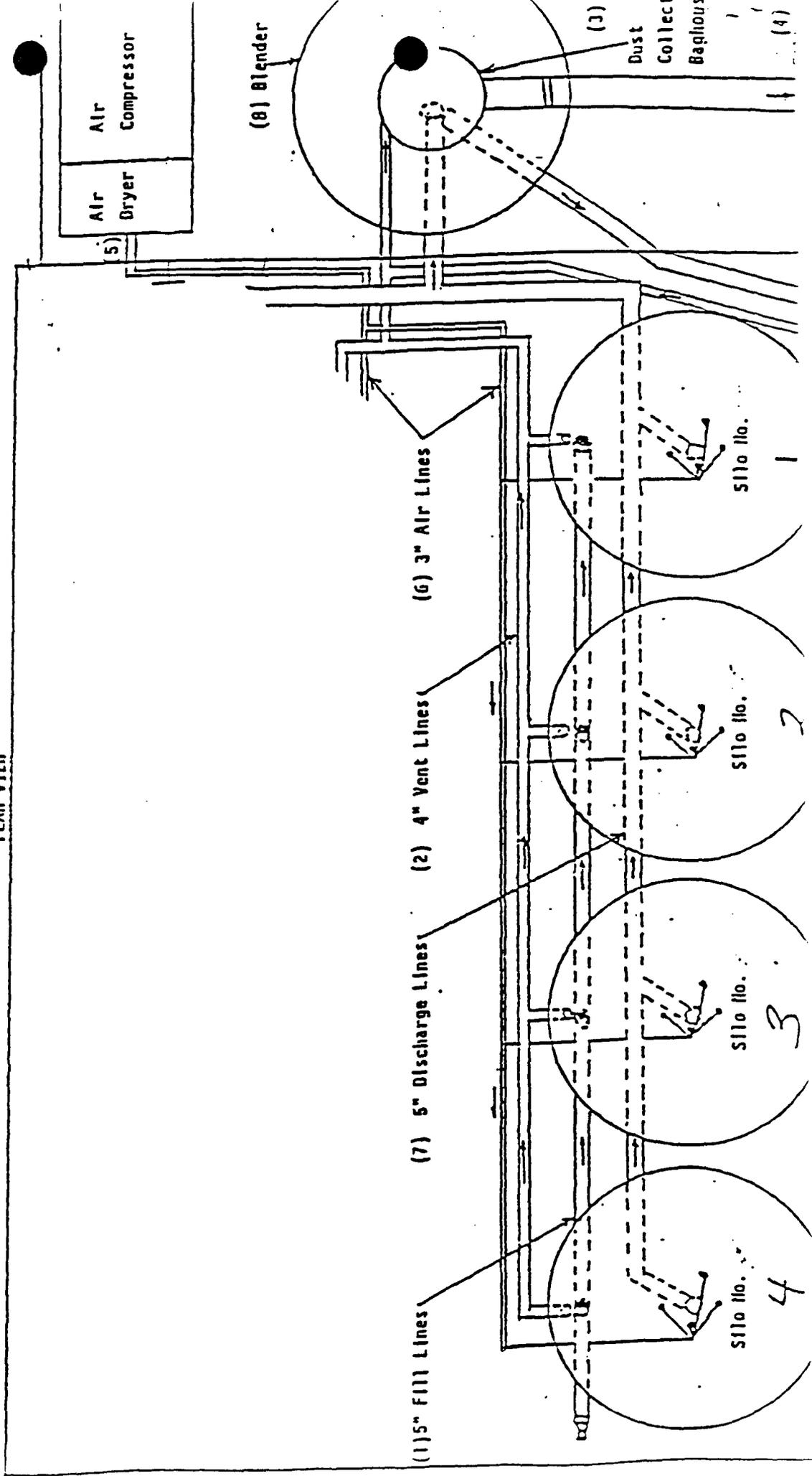
Initially, the dry bulk cement is transported to the district facility by the supplier in an airtight transport hopper vehicle with a capacity of 40,000 pounds (400 cubic feet - figuring 100 pounds/cubic foot bulk density). Upon arrival at the facility, a discharge line is connected from the discharge connection of the vehicle to one of the two 5" fill lines at (1) (Please see process flow diagram). The air compressor of the bulk cement facility is then activated and the bulk plant operator opens the air actuator valves on the desired storage silo vent line. The vehicle operator then starts his air compressor and begins pressurizing the hopper by introducing air into the aeration units located around the discharge connection. As the air is introduced, the dry cement becomes fluidized and flows through the discharge and fill lines into the desired silo.

After the cement enters the silo, the entrained air is vented through the 4" vent line (2) to the dust collector units at (3) where the air is filtered and discharged into the atmosphere at (4). The unloading operation is continued until all cement has been loaded into the desired silo. The air compressor on the vehicle is then turned off and the air pressure in the hopper is allowed to equalize with the ambient pressure by "blowing down" through the vent line and dust collector. The discharge line is then disconnected and the unloading operation is completed. The time required for the entire loading operation usually takes about 30 minutes and the conveyor air volume usually varies between 200 to 350 CFM.

When an order is received for a cementing service, a blend of cement and chemical retardants is designed for the particular well and the bulk cement plant operator proceeds to blend and load the cement into an airtight field transport hopper vehicle. During this operation, a 5" fill line is connected between the blender discharge connection at (9) and the hopper vehicle and a 4" vent line is run from the vehicle hopper to the vehicle vent line connection at (10). The operator then activates the air compressor and actuates the air control valves of the discharge line (7) and aeration line (6) leading to the silo with the desired class of cement. As the compressed air enters the bottom of the silo through the aeration units (please see silo profile), the silo becomes pressurized to about 40 psig, the cement becomes fluidized, and flows through the 5" discharge line into the blender unit. As the cement enters the blender, the air pressure decreases and the entrained air passes through the vent line into the plenum of the dust collector. The air then passes through the 24 air bags and is released into the atmosphere. When the filters become clogged with cement dust, the operator activates the mechanical shaker system on top of the dust collector unit and allows the dust to fall back into the blender unit through a butterfly valve.

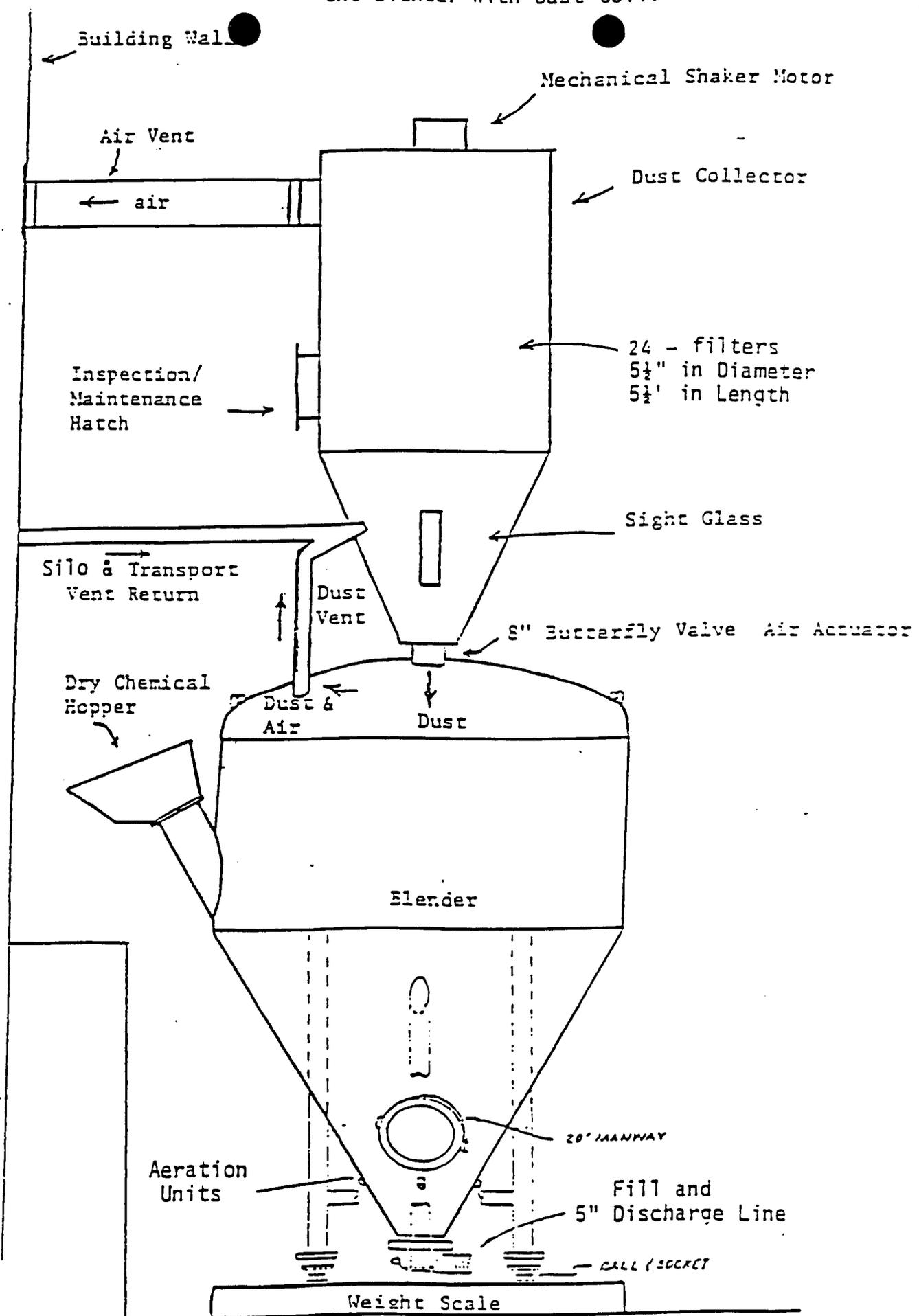
When the blender weight scales indicate that the blender is half full the transfer of cement is stopped and the operator introduces the dry

GENERAL
PROCESS FLOW DIAGRAM
BULK CEMENT STORAGE & BLENDING FACILITY
PLANT VIEW

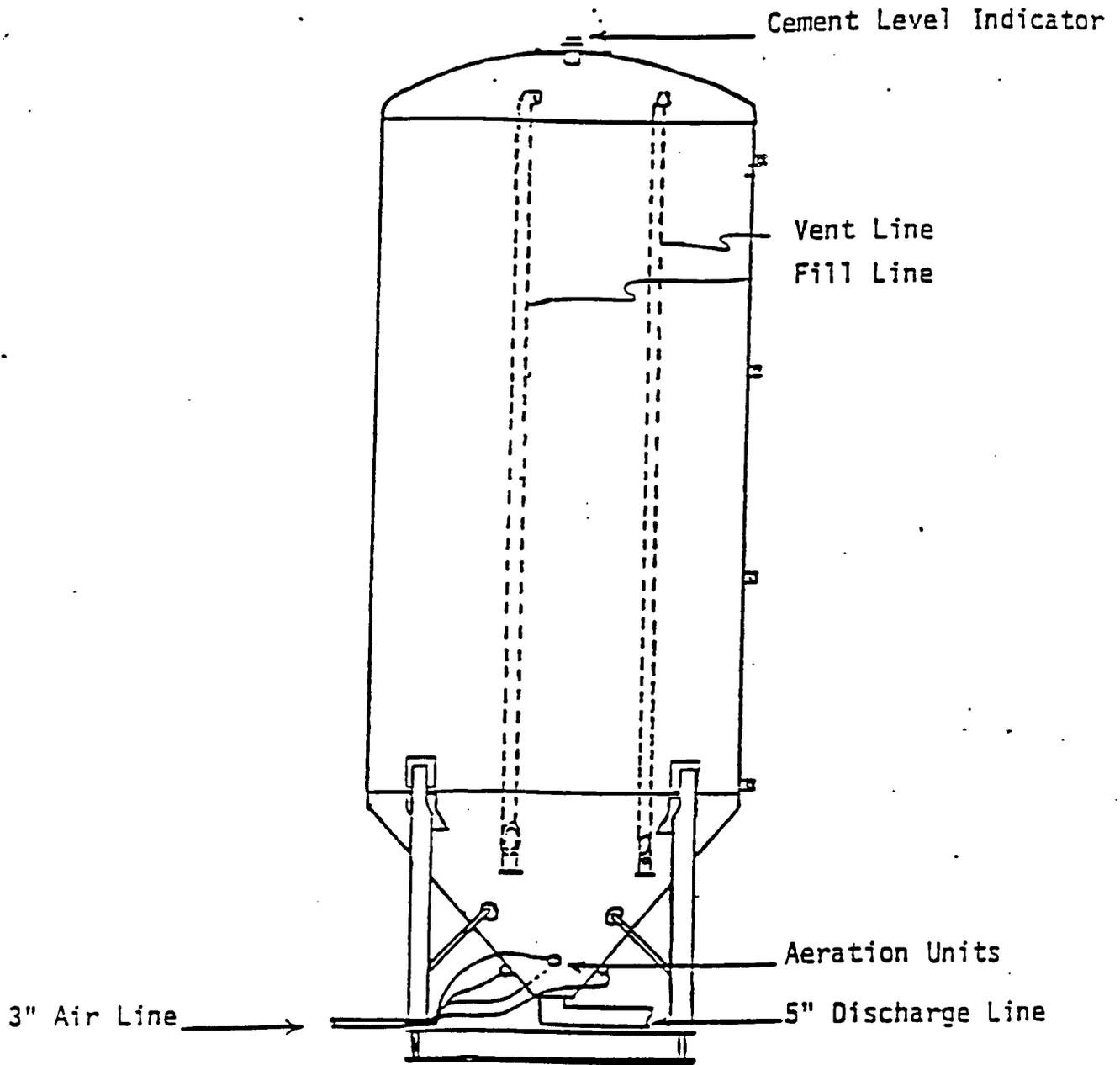


ant Blender with Dust Coll

(A)



PROCESS FLOW DIAGRAM
BULK CEMENT STORAGE SILO



3,000 Cubic Foot Capacity

Not to Scale

chemical additives into the blender through the dry chemical hopper. The flow of cement is then continued until the blender is filled with cement. The flow of cement is then stopped and the cement and additives are blended by introducing jets of air into the blender unit. When the mix is well blended, the discharge line leading to the field transport vehicle is opened and the cement is transferred from the blender to the field hopper vehicle. The entrained air is then returned from the vehicle through the 4" vent line at (10) to the dust collector at (3) where it is filtered and released to the atmosphere. The blending operation is continued until the desired amount of cement has been blended and loaded. The vehicle is then disconnected from the fill and vent lines and transports the cements to the well site.

Process Flow Diagram

The process flow diagram for the bulk cement blending and storage facility are provided on the following pages.

Air Emissions Generated

The air emissions generated by this bulk cement storage/blending facility are expected to be minimal for the following reasons:

1. The storage silos, pneumatic transfer lines, and blender are airtight units and must be maintained humidity free to prevent packing of the cement;
2. The compressed air utilized to convey the cements from the transport vehicles-to-the-silos and silos-to-blender-to-transport is maintained humidity free and is exhausted to the atmosphere through the baghouse dust collector.

Filtering Velocity of Baghouse

Filter surface area:

24 bags 5.5 inches in diameter x 5.5 feet in length

$$\text{Area} = 24 \times 5.5 \text{ ft.} \times \frac{5.5}{12} = 190 \text{ ft}^2.$$

Operation Volume of Air: Estimated Average/200 to 350 SCFM
Estimated Peak/500 SCFM

Filtering Velocity:

$$200 \text{ CFM} \div 190 \text{ ft}^2 = [1.05 \text{ fpm}]$$

$$350 \text{ CFM} \div 190 \text{ ft}^2 = [1.8 \text{ fpm}]$$

$$500 \text{ CFM} \div 190 \text{ ft}^2 = [2.6 \text{ fpm}]$$

The emission factor for this bulk cement storage/blending facility has not been measured; however, a worst case estimate is possible utilizing an emission factor measured for concrete batching as published in Table 8.10-1 of AP-42 by the Environmental Protection Agency.

Batch Cement Emission Factor - Controlled Emission

Emission Factor = 0.02 pounds of particulates/cubic yd of concrete mixed

Assume cubic yard of concrete has four sacks of cement or roughly 400 pounds (bulk density 100 pound/cu. ft.)

$$\frac{0.02 \text{ pounds particulates}}{400 \text{ pounds of cement}} = \frac{x \text{ pounds of particulates}}{40,000 \text{ pounds of cement}}$$

[x = 2 lbs. of particulates for every 40,000 lbs of cement processed]

$$\text{Throughput per Year} = \underline{48 \times 10^6 \text{ Lbs/Yr}}$$

$$\begin{aligned} \text{Particulates per Year} &= \underline{48 \times 10^6 \text{ Lbs/Yr}} \div 40,000 \times 2 \\ &= \underline{2,400} \text{ pounds/year} \end{aligned}$$

Major Source

Due to the high efficiency of the baghouse dust collector, this facility will not produce 25 tons of air contaminants in one year.

Process Weights:

Transport Vehicle-to-Silo:

Average weight delivered	= 40,000 lbs.
Average time to transfer	= 45 minutes
Average process weight	= 53,000 lbs/hour

*Silo-to-Field Transport Vehicle

Average weight of cement blended = 50,000 lbs.
Average time for blending and loading = 30 minutes
Average process weight = 100,00 lbs/hour

*The amount of cement utilized for each job will depend on the depth and formation characteristics of the well.

Operating Schedule

The operating schedule for the proposed bulk cement storage and blending facility will be dependent on the customer demand for oil and gas well cementing services. As a result, the facility may be in operation at anytime during a 24 hour period, 7 days a week, 52 weeks a year. The resupply loading operations, however, will be conducted during the daytime hours unless the distance from the supplier requires driving times in excess of a few hours.

Materials Utilized

The cements utilized by The Western Company of North America during oil and gas well cementing operations include American Petroleum Institute Classes: A, C, G, H and J. Normally, a district will only store several classes and will utilize chemical additives to achieve the desired degrees of strength, workability, and curing times for each specific job.

Cyclical Process

The process cycle will consist of transport-to-storage silo and storage silo-to-field transport transfer operations. The time required for one process cycle based upon the 40,000 pounds/delivery may be determined as follows:

Average Estimated throughput/year = 24,000 tons
Average Estimated throughput/week = 24,000 tons ÷ 52 = 460 tons
Tons/delivery = 20

Deliveries per week = 460 tons/week ÷ 20 tons/delivery = 23
deliveries/week

With 7 days a week operation the process cycle for 1 delivery :
 $7 \div \underline{23} = [\underline{0.3} \text{ days}]$

Potentially Hazardous Air Contaminants

The cements and additives utilized in this storage and blending operation are not classified as hazardous.

TABLE II
FABRIC FILTERS

**TABLE II
FABRIC FILTERS**

Point Number (from Flow Diagram) A		Manufacturer & Model No. (if available) W. H. Stewart Model #385.0001		
Name of Abatement Device Bag House		Type of Particulate Controlled Cement Dust		
GAS STREAM CHARACTERISTICS				
Flow Rate (acfm)		Gas Stream Temperature (°F)		Particulate Grain Loading (grain/scf)
Design Maximum	Average Expected			Inlet
350 CFM	200 CFM	Amb		Unknown
				Outlet
				Unknown
Pressure Drop (in. H ₂ O)		Water Vapor Content of Effluent Stream (lb water/lb dry air)		Fan Requirements (hp) (ft ³ /min)
Est 20 pse		Very dry		none
PARTICULATE DISTRIBUTION (By Weight)				
Micron Range		Inlet		Outlet
0.0-0.5		%		%
0.5-1.0		%		%
1.0-5.0		%		%
5-10		5 %		%
10-20		20 %		%
over 20		75 %		%
FILTER CHARACTERISTICS				
Filtering Velocity (acfm/ft ² of Cloth)	Bag Diameter (in.)	Bag Length (ft)	Number of Bags	Number of Compartments in Baghouse
1 fpm	6	5.3	25	1
Bag rows will be:		Walkways will be provided between banks of bags:		
<u>Staggered</u> Straight		Yes <u>No</u>		
Filtering Material: Uniroyal spun acrylic twill #A-7029-2-63A				
Describe Bag Cleaning Method and Cycle: Mechanical shaker in operation during each cycle				
Bags replaced approximately every three (3) months				
Capital Installed Cost \$ <u>UK</u>		Annual Operating Cost \$ <u>UK</u>		
ADDITIONAL INFORMATION				

On separate sheets attach the following:

- A. Details regarding principle of operation
- B. An assembly drawing (Front and Top View) of the abatement device dimensioned and to scale clearly showing the design, size and shape.

10. The drawing should also include any bypasses, etc. include in drawing and specify when such bypasses are to be used and under what

THE WESTERN COMPANY OF NORTH AMERICA

BULK SAND STORAGE FACILITY

PROCESS DESCRIPTION

The sand storage facility is utilized to store the specially graded silica sands used in the hydraulic fracturing services provided to oil and gas well customers in the area. The basic configuration of the proposed sand facility is shown on the attached process flow diagrams and consists of the following units:

- (1) Horizontal conveyor belt with discharge hoppers for railroad cars;
- (2) An enclosed vertical bucket elevator; and
- (3) Four (4) steel (350,000 pound capacity each) sand storage silos

The specially graded sand is transported from the supplier to the facility via air-tight railroad hopper cars, each containing about 150,000 pounds. Upon arrival at the facility's railroad spur, the railroad car is positioned over the railcar unloading conveyor at the appropriate tank. The horizontal belt conveyor and the vertical bucket elevator systems are then activated and unloading sand is begun. The sand is loaded onto the horizontal conveyor at a rate of between 40,000 to 60,000 pounds/hour. This operation is continued until all sand is unloaded and usually takes about 3 hours to complete.

When hydraulic fracturing service to an oil or gas well is to be provided, a Western field transport vehicle is positioned below the proper silo. The silo control valve is then opened and the desired amount of sand is loaded. Depending on the job, this will generally involve anywhere from 2,000 to 50,000 pounds and will require between several minutes to one hour to load.

AIR EMISSIONS GENERATED

The level of particulates generated by the operation of this sand storage facility will be small for several reasons:

- 1) The sand purchased by The Western Company of North America for use in hydraulic fracturing services must meet rigid specifications for particle size distribution, particle strength, roundness, and chemical composition. This results in a material that is virtually dust free;
- 2) The conveyance and storage systems were designed to minimize the contact time between the sand and the atmosphere during loading operations; and

BULK SAND STORAGE FACILITY

Page 2

- 3) The transfer of the sand into and out of the storage silos are conducted at rates which minimize the production of countercurrent airflow velocities high enough to entrain and transport the sand particles stored.

Estimate of Maximum Particulate Generation:

Particulate emissions may be generated at points, 1, 2, and 3 shown on the profile view of the process flow diagram. These points represent the only areas where the sand is in direct contact with the atmosphere, where it may be subjected to countercurrent airflows produced by the venting of displaced air.

Estimated Particulate Emissions Calculations:

Process Weight¹ = 60,000 pounds/hour
= 30 tons/hour
Emission Factor² = 0.30 pounds/ton of sand handled
= 0.30 pounds/ton ÷ 2 (loading only)
= 0.15 pounds/ton loaded into silos
Emissions Generated = 30 tons/hour X 0.15 pounds/ton
= 4.5 pounds/hour

This emission rate is less than the 18.1 pounds³/hour allowed by the Rules and Regulations of the County of Los Angeles Air Pollution Control District.

¹ Process weights were determined by history of loading operations. Loading rates greater than 60,000 lbs./hour result in problems.

² The emission factor for sand handling was obtained from Air Pollution Engineering Manual, second edition, as published by the Environmental Protection Agency on May, 1973. The emission factor was determined by measuring the contaminants discharged from processes and equipment operating in Los Angeles County in the State of California (Table E-1 pp. 963-965).

³ The maximum discharge rate allowed for solid particulate matter was obtained from Rule 54, pp. 914-915 of the Rules and Regulations of the County of Los Angeles Air Pollution Control District - January 1, 1973 as contained in Reference 2, pp. 906-929.

MAJOR SOURCE ----

Due to the sand sizes handled and the trace quantities of silica dust present, this bulk sand storage facility will not emit 100 tons of particulates in a one year period.

$$4.5 \text{ pounds/hour} \times 1,500 \text{ hours/year} = \underline{6,750 \text{ pounds/year}}$$

BULK SAND STORAGE FACILITY
Page 3

PROCESS WEIGHTS

Discharge Rates:

Minimum: 40,000 pounds/hour
Maximum: 60,000 pounds/hour

Unloading Times:

Railroad Hopper Car: $150,000 \text{ pounds} \div 50,000 \text{ pounds/hour} = 3 \text{ hours}$

Throughput per Month:

$4.00 \text{ million pounds/month} \div 150,000 \text{ pounds/delivery} = 26 \text{ deliveries}$

Total unloading time per month:

$26 \text{ deliveries of } 150,000 \text{ pounds/delivery} \times 3 \text{ hours to unload}$
 $\text{each delivery} = \underline{78} \text{ hours/month}$

OPERATING SCHEDULE

This sand storage facility will be operated according to customer demand and as a result, may be in operation at anytime during a 24 hour period, 7 days a week, 52 weeks a year. Normally, loading operations from railroad hopper cars will be conducted during the daylight hours.

MATERIAL UTILIZED

The material to be stored in the sand storage facility will consist of specially graded silica sands utilized in hydraulic fracturing services. Each sand storage silo will be utilized to hold a particular gradation of sand as shown below.

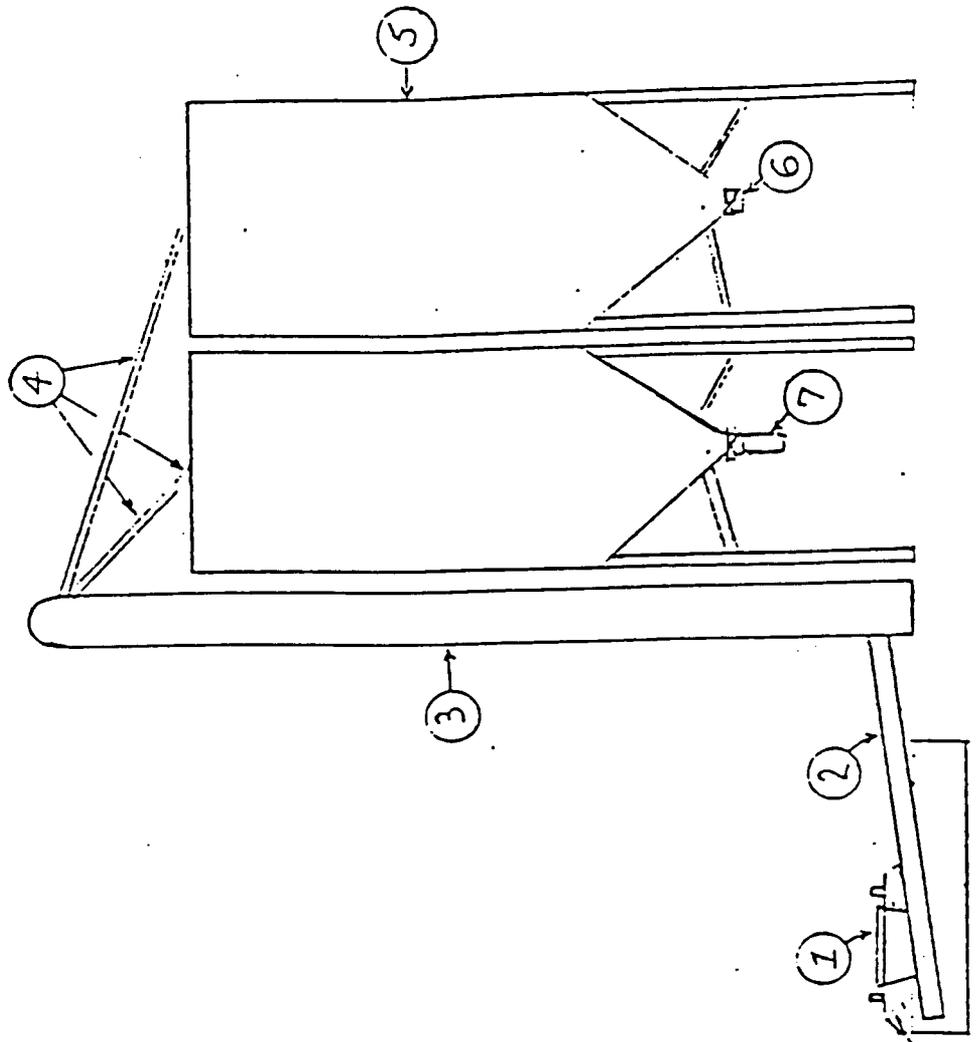
The sand must meet rigid specifications for particle size distribution, particle strength, roundness and chemical composition.

TYPE 10-20		TYPE 20-40	
<u>U.S. Sieve Size</u>	<u>% Retained</u>	<u>U.S. Sieve Size</u>	<u>% Retained</u>
10	3	20	16
16	55	30	47
20	36	40	32
30	6	50	5
40	trace	60	trace

TYPICAL SAND PLANT INSTALLATION

1. Railroad car or truck dumps sand into hopper.
2. Closed screw carries sand to bucket elevator.
3. Closed bucket elevator raises sand to closed chutes.
4. Chutes carry sand to tanks.
5. Closed weather tight storage silos.
6. Sand loaded into closed sand dump truck or pneumatic transports thru valve and
7. Flexible tube

Note: All equipment is electric powered.



APPLICATION DATA



MODEL 16-40 Filter Vent

16 bag filter unit may be used on blowing systems having a capacity of 800 CFM at 25 PSI*.

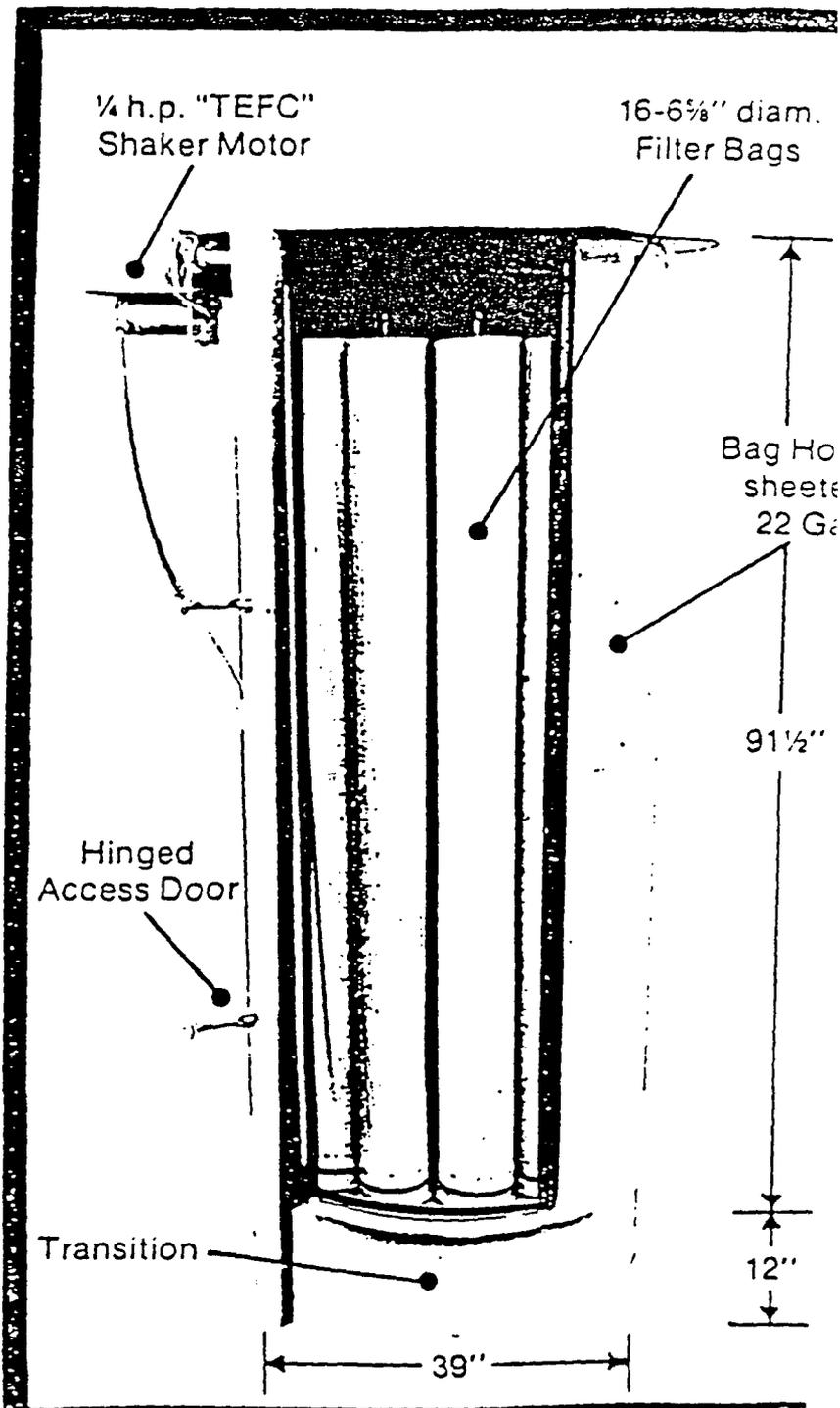
*The average cement truck is equipped with two-stage blowers rated at 550 CFM with maximum pressure of 25 PSI

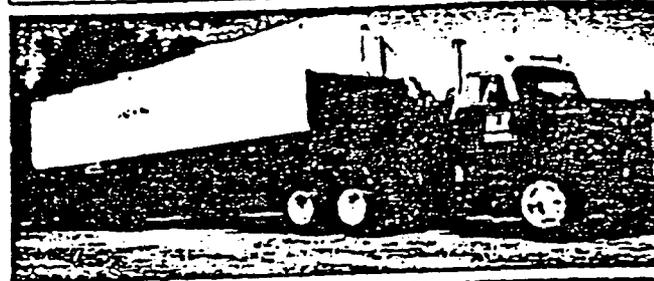
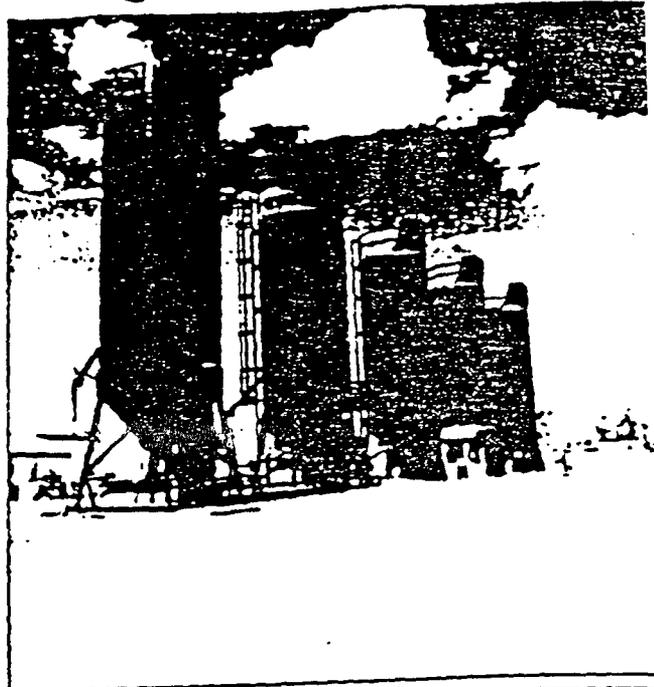
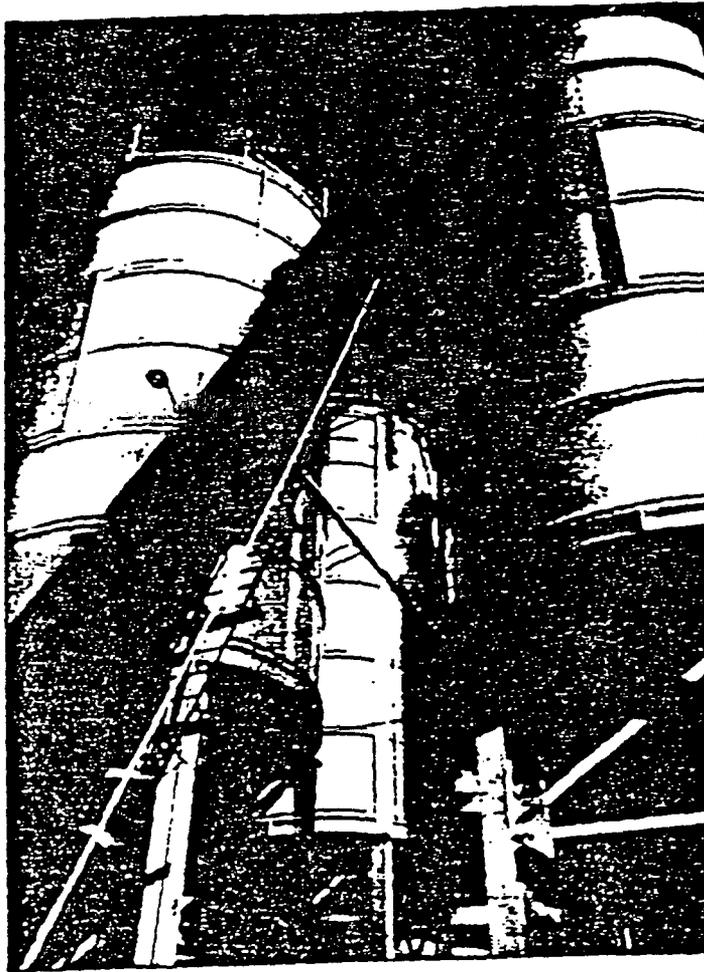
Easy to Clean

Bags are cleaned by means of a ¼ h.p. electric vibrator, used for approximately 5 minutes at the end of each filling cycle.

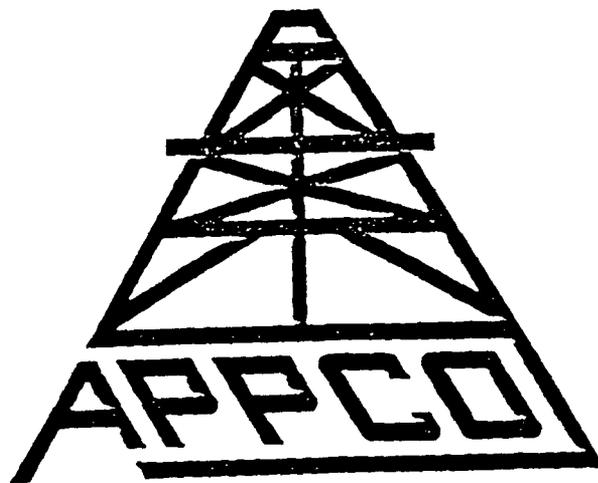
OPTIONAL EQUIPMENT

- Automatic timer for shaker.
- 2 HP suction fan for increased pressure differential thru bags during operating cycle.
- Collecting hopper (60° angle one) for locating filter at ground level. Including 4 columns.
- Nylon or dacron filter bags.

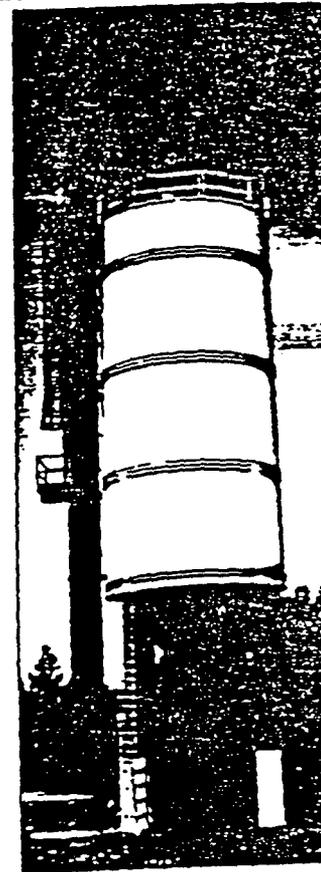




**For Efficient Storage, Conveying
And Elevating of Materials**



... the specialist in bulk material handling
for the oil patch

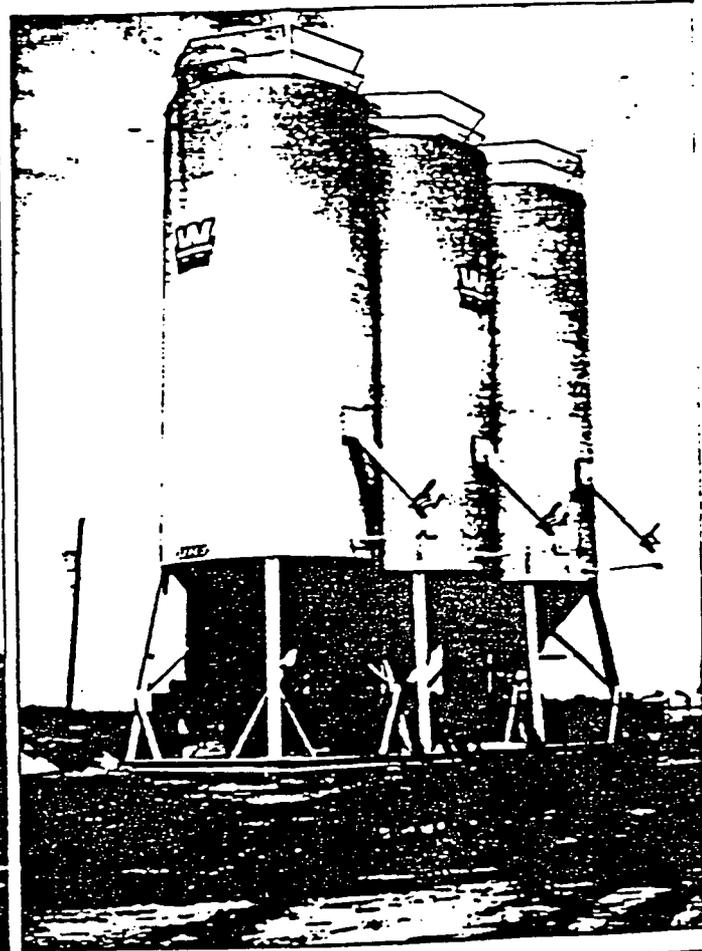
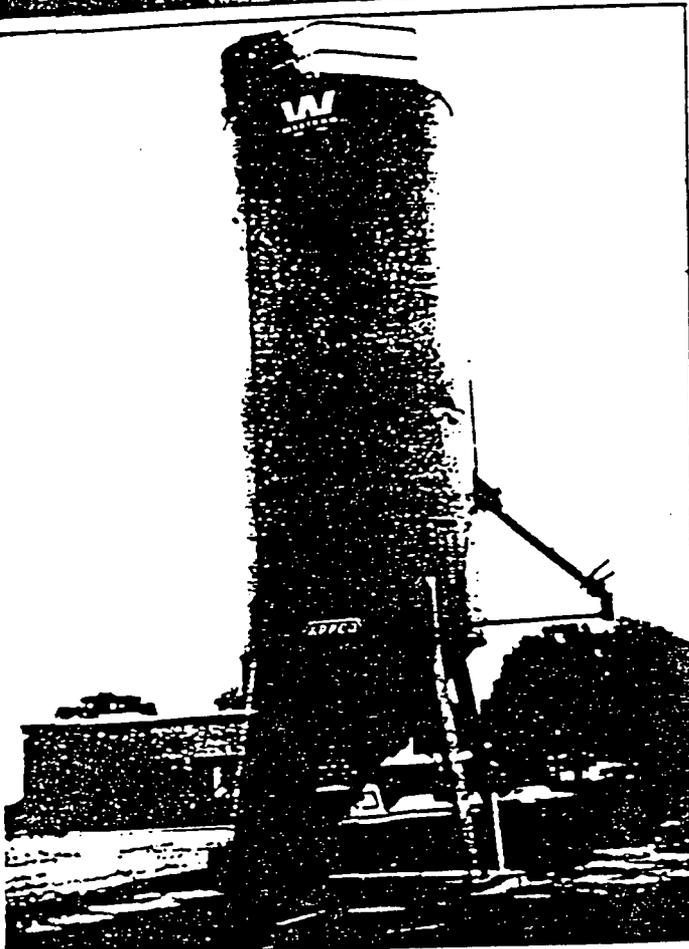
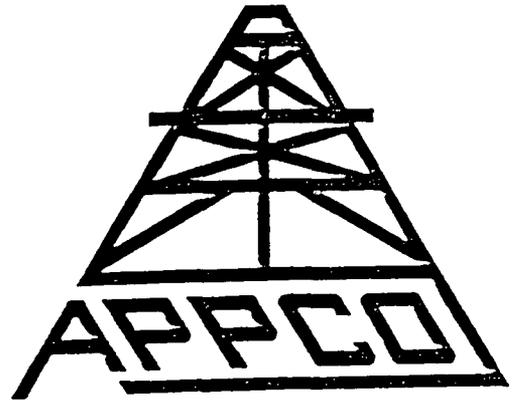


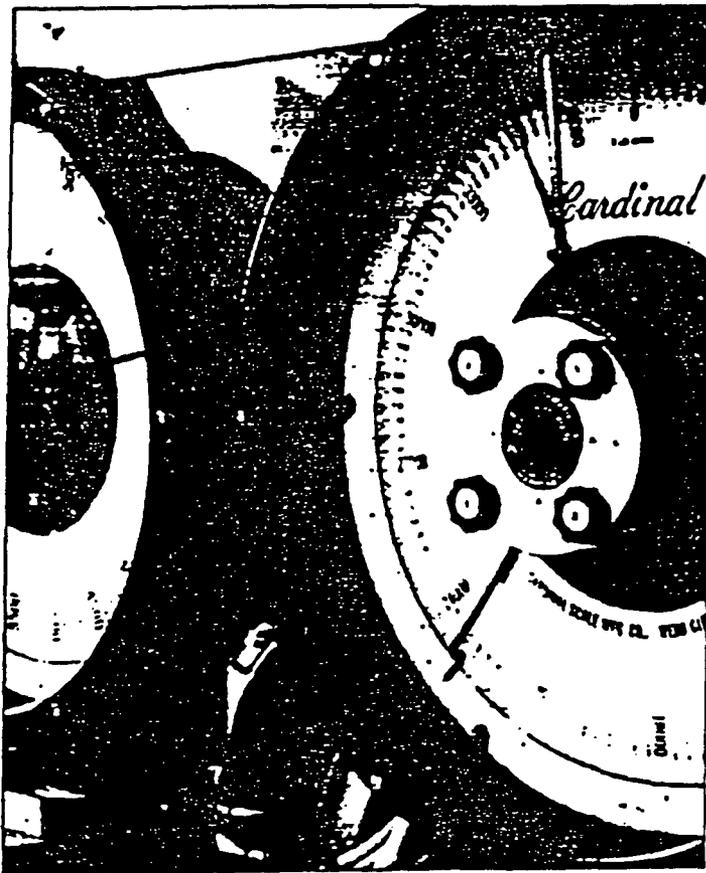
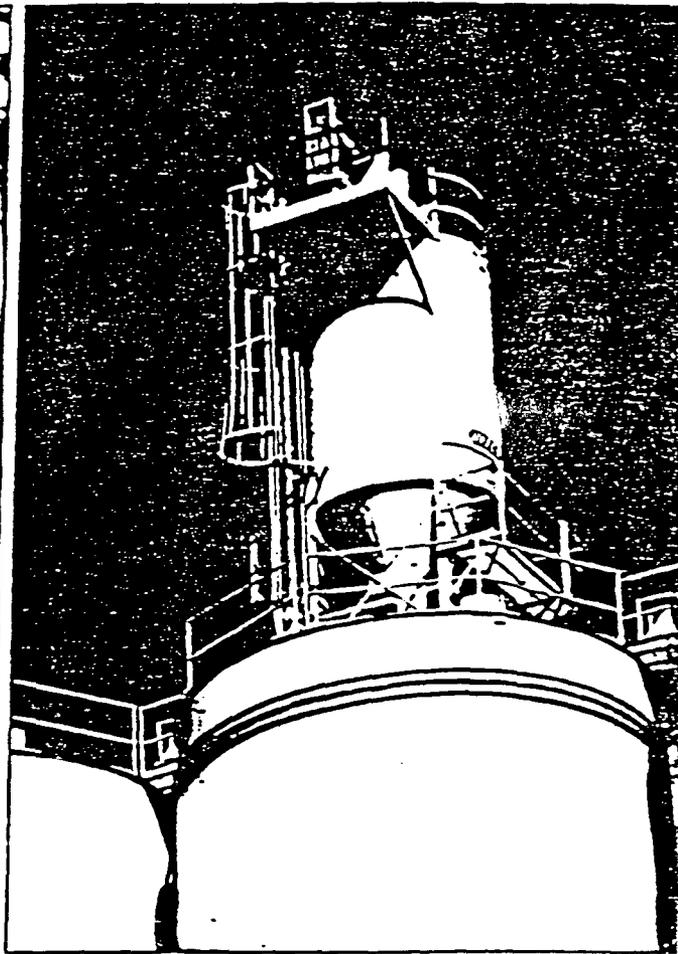
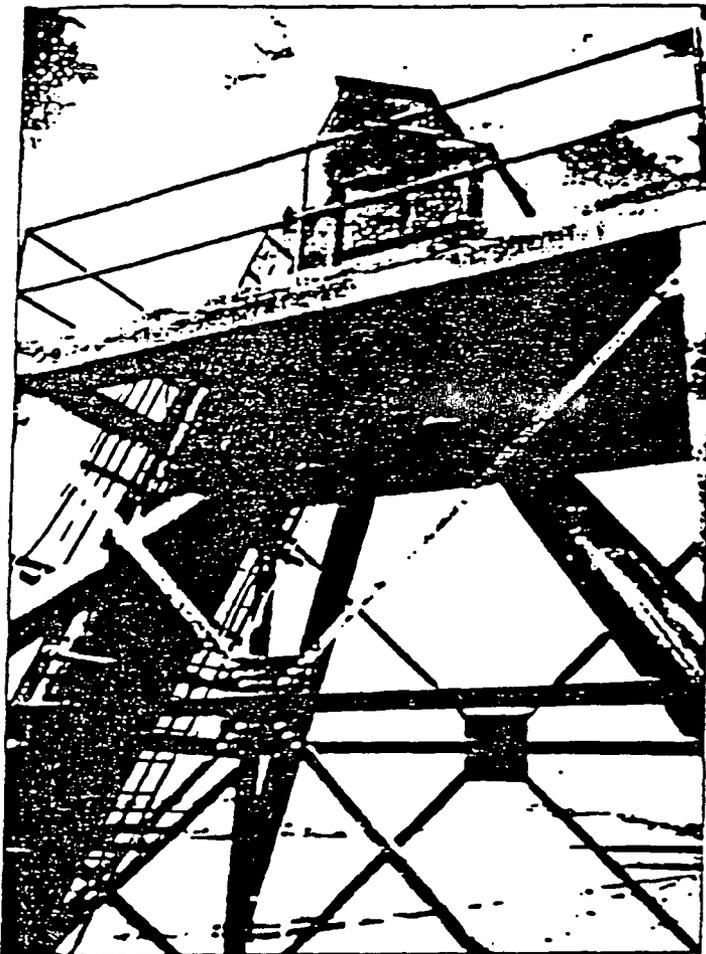
SAND-Stor 4000

These portable APPCO storage units provide 4,000 cubic foot volume with a self-contained belt and bucket elevator in an easily moved and erected configuration. Electric motor, motor starter and disconnect, including wiring is provided by APPCO.

Multiple SAND-Stor units, when erected together, may be filled by a single conveyor system from either rail cars or trucks.

Units can also be provided with pneumatic discharge systems, if desired.





Air Pollution Control

**Complete air pollution
and dust control equipment**

APPCO provides complete air pollution and control equipment for dust suppression of cement and other dusty materials.

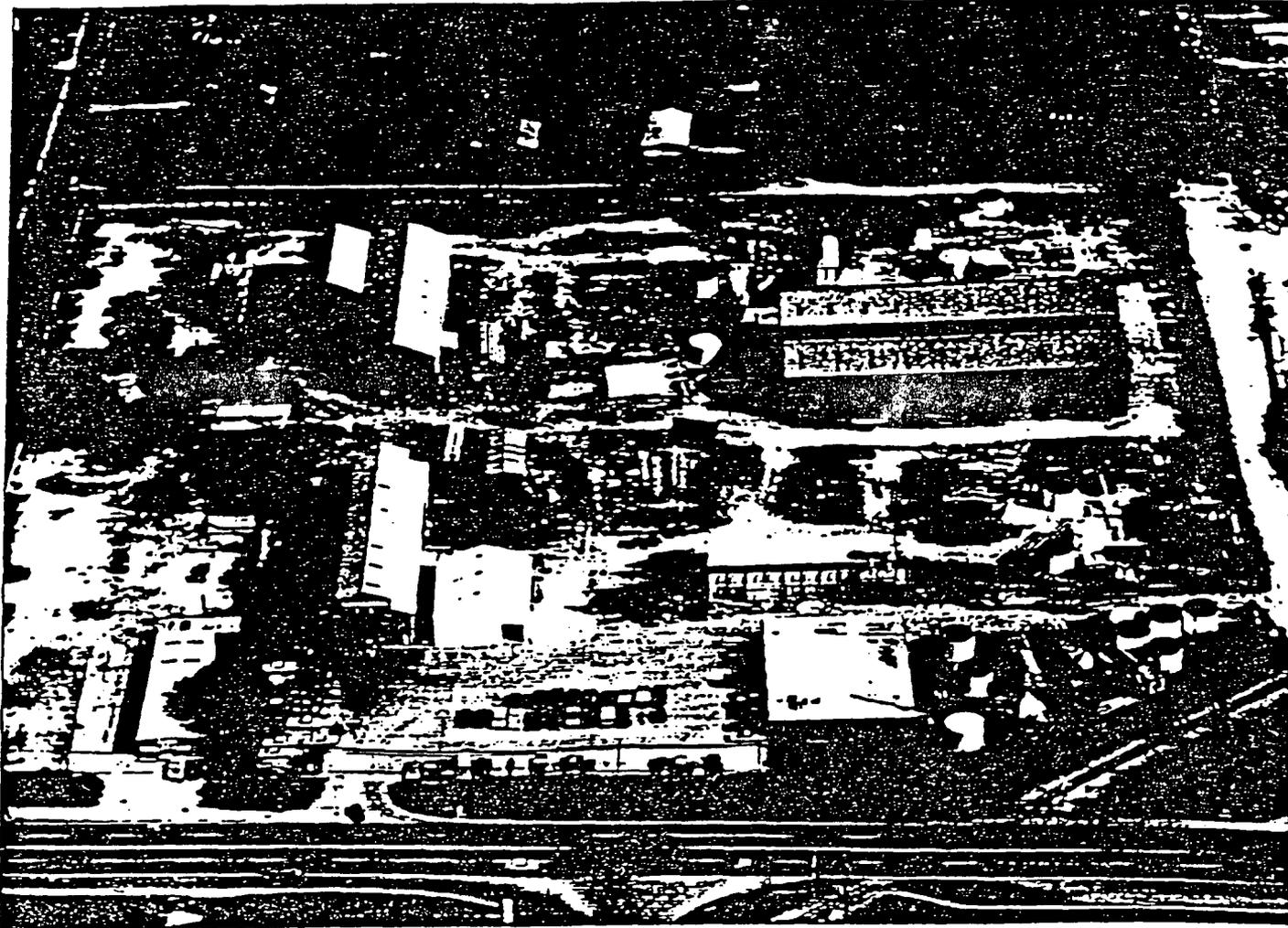
Conveyor-Elevator System

The APPCO Single conveyor-elevator system (upper left photograph) charges 1 to 6 silos from a motorized turnhead distribution and chute system. Other features include a conventional troughed belt, belt and bucket elevators, flexible high sidewall conveyor, manual or motorized turnhead system for distribution of materials into various compartments or silos. Up to six positions are available.

Auto/Manual Weigh Systems

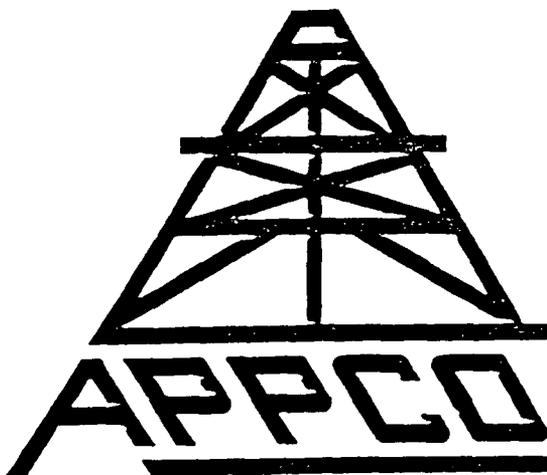
The APPCO Weigh Systems, (lower left photograph) featuring manual or automatic systems for batching, include 20" diameter springless dial scales for greater accuracy and ease of readout. Weigh systems are capable of full printed documentation of weights of each material used in the blend (including time and date print-out for each batch). Material level measurements in each compartment are easily made remotely from control panel.

The APPCO System allows pre-set weights of cements and additives required for particular cementing jobs. Comes complete with manual override or automatics if desired.



APPCO Facilities in San Antonio, Texas

APPCO — Established in 1955 ... The Specialist in Engineering, Design and Fabrication of Material Handling, Storage and Processing Equipment. APPCO has maintained a reputation of producing quality equipment with innovative engineering.



Grover Ratliff
Ft Worth
Res: Ph. Metro 817-529-11
Mobile: " 469-7471
Unit # 4234

**The Specialist in Bulk Material Handling
and Storage For The Oil Patch**

Telephone 512/333-1111

P.O. Box 1198

442 N. W.W. White Road

San Antonio, Texas 78294

TABLE 1

EMISSION SOURCES

List all sources, including this application, of air contaminants on applicant's property. If applicant has submitted this information in an earlier emission inventory, it will not be necessary to duplicate the requested information. Instead, indicate that this page has been submitted and list only changes from the emission inventory and list new source data.

ALL SOURCES			STACKS ONLY				
SOURCE NUMBER (From Plot) Plan	LIST POLLUTANT EMISSIONS (CHEMICAL COMPOSITION) & WT. % OF EACH	FLOW RATE OF EACH LISTED EMISSION	STACK HEIGHT ABOVE GROUND (ft.)	STACK INTERNAL DIAMETER AT EXIT (ft.)	TEMP. DEG. (F)	VELOCITY (FT/SEC)	MOIS. %
1	silica dust 100 percent						
2	silica dust 100 percent						

ENCLOSE THE FOLLOWING AVAILABLE INFORMATION:

1. EMISSIONS OTHER THAN THROUGH STACKS (HORIZONTAL VENTS, ETC.)
2. STACK'S HEIGHT ABOVE SUPPORTING OR ADJACENT STRUCTURES.
3. DIMENSIONS OF NON-CIRCULAR STACKS.
4. RESULTS OF TESTS INDICATING AVERAGE PARTICLE SIZE, DENSITY, ETC.