

GW - 97

**GENERAL
CORRESPONDENCE**

YEAR(S):
1998 - 1985



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

May 20, 1998

CERTIFIED MAIL
RETURN RECEIPT NO. P-288-259-069

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

**RE: Discharge Plan GW-97 Major Modification
Farmington Facility
San Juan County, New Mexico**

Dear Ms. Cobb:

The modified groundwater discharge plan GW-97 for the BJ Services Company, U.S.A. (BJ) Farmington Facility located in the W/2 SW/4 NW/4 of Section 13 and E/2 SE/4 NE/4 of Section 14, Township 29 North, Range 13 West, NMPM, San Juan County, New Mexico is **hereby approved** under the conditions contained in the enclosed attachment. The discharge plan consists of the discharge plan renewal as approved August 14, 1997, and the discharge plan modification application dated February 13, 1998. The modification is for the addition of two 10,000 gallon above ground diesel storage tanks. Enclosed are two copies of the conditions of approval. **Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe Office within 10 working days of receipt of this letter.**

The discharge plan modification application was submitted pursuant to Section 3106 of the New Mexico Water Quality Control Commission (WQCC) Regulations. It is approved pursuant to Section 3109.A. Please note Sections 3109.E and 3109.F., which provide for possible future amendments or modifications of the plan. Please be advised that approval of this plan does not relieve BJ of liability should operations result in pollution of surface water, ground water, or the environment.

Ms. Jo Ann Cobb

May 20, 1998

Page 2

Please be advised that all exposed pits, including lined pits and open tanks (tanks exceeding 16 feet in diameter), shall be screened, netted, or otherwise rendered nonhazardous to wildlife including migratory birds.

Please note that Section 3104 of the regulations provides: "When a facility has been approved, discharges must be consistent with the terms and conditions of the plan." Pursuant to Section 3107.C., BJ is 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.

The discharge plan modification application for the BJ Services Company, U.S.A. Farmington Facility is subject to WQCC Regulation 3114. The modification significantly alters the discharge streams, therefore, it is a major modification. Every billable facility submitting a modification will be assessed a fee equal to the filing fee of \$50 plus a flat fee of \$690 for major modifications. The OCD has received the filing and flat fees.

On behalf of the staff of the OCD, I wish to thank you and your staff for your cooperation during this discharge plan review.

Sincerely,


Lori Wrotenberg
Director

LW/mwa
Attachment

xc: OCD Aztec Office

ATTACHMENT TO THE DISCHARGE PLAN MODIFICATION GW-97 APPROVAL
BJ SERVICES COMPANY, USA
FARMINGTON FACILITY
DISCHARGE PLAN MODIFICATION APPROVAL CONDITIONS
(May 20, 1998)

1. **BJ Commitments:** BJ will abide by all commitments submitted in the discharge plan modification application dated February 13, 1998.
2. **Waste Disposal:** All wastes shall be disposed of at an OCD approved facility. Only oilfield exempt wastes shall be disposed of down Class II injection wells. Non-exempt oilfield wastes that are non-hazardous may be disposed of at an OCD approved facility upon proper waste characterization per 40 CFR Part 261.
3. **Drum Storage:** All drums containing materials other than fresh water must be stored on an impermeable pad with curbing. All empty drums will be stored on their sides with the bungs in and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets will also be stored on an impermeable pad and curb type containment.
4. **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.
5. **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 tanks or existing tanks that undergo a major modification, as determined by the Division, must be placed within an impermeable bermed enclosure.
6. **Above Ground Saddle Tanks:** Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.
7. **Labeling:** All tanks, drums and containers should be clearly labeled to identify their contents and other emergency notification information.
8. **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, or other OCD approved methods. The OCD will be notified at least 72 hours prior to all testing.

9. Underground Process/Wastewater Lines: All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity at present and then every 5 years thereafter, or prior to discharge plan renewal. Permittees may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing.
10. Class V Wells: Leach fields and other wastewater disposal systems at OCD regulated facilities which inject non-hazardous fluid into or above an underground source of drinking water are considered Class V injection wells under the EPA UIC program. All Class V wells that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes will be closed unless it can be demonstrated that groundwater will not be impacted in the reasonably foreseeable future. Closure of Class V wells must be in accordance with a plan approved by the Division's Santa Fe Office. The OCD allows industry to submit closure plans which are protective of human health, the environment and groundwater as defined by the WQCC, and are cost effective. Class V wells that inject domestic waste only must be permitted by the New Mexico Environment Department.
11. Housekeeping: All systems designed for spill collection/prevention will be inspected weekly and after each storm event to ensure proper operation and to prevent overtopping or system failure. A record of inspections will be retained on site for a period of five years.
12. Spill Reporting: All spills/releases shall be reported pursuant to OCD Rule 116 and WQCC 1203 to the OCD Aztec District Office.
13. Transfer of Discharge Plan: The OCD will be notified prior to any transfer of ownership, control, or possession of a facility with an approved discharge plan. A written commitment to comply with the terms and conditions of the previously approved discharge plan must be submitted by the purchaser and approved by the OCD prior to transfer.
14. Closure: The OCD will be notified when operations of the facility are discontinued for a period in excess of six months. Prior to closure of the facility a closure plan will be submitted for approval by the Director. Closure and waste disposal will be in accordance with the statutes, rules and regulations in effect at the time of closure.

15. **Certification:** BJ, by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. BJ further acknowledges that these conditions and requirements of this permit may be changed administratively by the Division for good cause shown as necessary to protect fresh water, human health and the environment.

Accepted:
 BJ SERVICES COMPANY, USA

by _____
 Title

P 288 259 069

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

MEMORANDUM OF MEETING OR CONVERSATION

<input checked="" type="checkbox"/> Telephone <input type="checkbox"/> Personal	Time 2:00PM	Date 4-2-98
<u>Originating Party</u> RICK JOHNSON - BT SERVICES		<u>Other Parties</u> MARK DENNEY
<u>Subject</u> BT FARMINGTON - WASTE TANK REMOVAL.		
<u>Discussion</u> BOTTOM HOLE TPH IS 2500 PPM. RICK WANTS TO BACK FILL AND THEN DETERMINE VERTICAL + LATERAL EXTENT WITH BORINGS. HE GOT DENNEY'S OK.		
<u>Conclusions or Agreements</u> I GAVE HIM VERBAL TO BACK FILL AND THEN SUBMIT A REPORT TO INVESTIGATE EXTENT.		
<u>Distribution</u>	Signed Mark Denney	



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

DATE : April 2, 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

4

Page(s) to follow

COMMENTS:

Mark,

Here are the analytical results for the AWT backfill sample. If you will recall, this is the soil we are going to use for backfill in the AWT area in Farmington, NM. Clean fill will be imported from off-site to fill in the remainder of the excavation. I called Denny F. and left a message and CSI is going to start the approval process to dispose of the impacted soil from the FWT area. I forgot until just now, I still need to provide you with a tank removal report. I will put this together and send it to you (and Denny) ASAP. Thanks for your help.

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

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



B.J. SERVICES COMPANY

Client Sample ID: AWT-BACKFILL

TCLP GC/MS Semivolatiles

Lot-Sample #....: I9B150103-002 Work Order #....: CFDA3107 Matrix.....: SOLID
 Date Sampled....: 02/12/98 10:30 Date Received...: 02/14/98
 Leach Date.....: 02/16/98 Prep Date.....: 02/18/98 Analysis Date...: 02/26/98
 Leach Batch #...: P804704 Prep Batch #....: 8049233 Analysis Time...: 15:49
 Dilution Factor: 1
 % Moisture.....: 8.8

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
o-Cresol	ND	0.050	mg/L	SW846 8270B
m-Cresol & p-Cresol	ND	0.10	mg/L	SW846 8270B
1,4-Dichlorobenzene	ND	0.050	mg/L	SW846 8270B
2,4-Dinitrotoluene	ND	0.050	mg/L	SW846 8270B
Hexachlorobenzene	ND	0.050	mg/L	SW846 8270B
Hexachlorobutadiene	ND	0.050	mg/L	SW846 8270B
Hexachloroethane	ND	0.050	mg/L	SW846 8270B
Nitrobenzene	ND	0.050	mg/L	SW846 8270B
Pentachlorophenol	ND	0.25	mg/L	SW846 8270B
Pyridine	ND	0.10	mg/L	SW846 8270B
2,4,5-Trichlorophenol	ND	0.050	mg/L	SW846 8270B
2,4,6-Trichlorophenol	ND	0.050	mg/L	SW846 8270B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
2-Fluorophenol	76	(21 - 100)
Phenol-d5	89	(10 - 94)
Nitrobenzene-d5	74	(35 - 114)
2-Fluorobiphenyl	57	(43 - 116)
2,4,6-Tribromophenol	79	(10 - 123)
Terphenyl-d14	88	(33 - 141)

NOTE(S) :

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)



B.J. SERVICES COMPANY

Client Sample ID: AWT-BACKFILL

TCLP GC/MS Volatiles

Lot-Sample #...: I8B150103-002 Work Order #...: CFDA310J Matrix.....: SOLID
 Date Sampled...: 02/12/98 10:30 Date Received...: 02/14/98
 Leach Date.....: 02/23/98 Prep Date.....: 02/27/98 Analysis Date...: 02/28/98
 Leach Batch #...: P805602 Prep Batch #...: 8062161 Analysis Time...: 01:15
 Dilution Factor: 1
 % Moisture.....: 8.8

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Benzene	ND	0.050	mg/L	SW846 8260A
Carbon tetrachloride	ND	0.050	mg/L	SW846 8260A
Chlorobenzene	ND	0.050	mg/L	SW846 8260A
Chloroform	ND	0.050	mg/L	SW846 8260A
1,2-Dichloroethane	ND	0.050	mg/L	SW846 8260A
1,1-Dichloroethylene	ND	0.050	mg/L	SW846 8260A
Methyl ethyl ketone	ND	0.20	mg/L	SW846 8260A
Tetrachloroethylene	ND	0.050	mg/L	SW846 8260A
Trichloroethylene	ND	0.050	mg/L	SW846 8260A
Vinyl chloride	ND	0.10	mg/L	SW846 8260A
	PERCENT	RECOVERY		
<u>SURROGATE</u>	<u>RECOVERY</u>	<u>LIMITS</u>		
4-Bromofluorobenzene	95	(86 - 115)		
Toluene-d8	98	(88 - 110)		
Dibromofluoromethane	100	(86 - 118)		

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)



B.J. SERVICES COMPANY

Client Sample ID: AWT-BACKFILL

General Chemistry

Lot-Sample #....: I8B150103-002 Work Order #....: CFDA3 Matrix.....: SOLID
 Date Sampled....: 02/12/98 10:30 Date Received...: 02/14/98
 % Moisture.....: 8.8

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Corrosivity	7.9	1.0	No Units	SW846 9045A	02/16/98	8047188
				Dilution Factor: 1 Analysis Time...: 14:00		
Flashpoint	>150	>150	deg F	SW846 1010	02/15-02/16/98	8047152
				Dilution Factor: 1 Analysis Time...: 12:00		
Percent Moisture	8.8	0.50	%	OCLP OLM03.1	02/17-02/18/98	8048212
				Dilution Factor: 1 Analysis Time...: 10:00		
Reactive Cyanide	ND	220	mg/kg	SW846 7.3.3	02/16-02/17/98	8047136
				Dilution Factor: 1 Analysis Time...: 16:00		
Reactive Sulfide	ND	220	mg/kg	SW846 7.3.4	02/16/98	8047137
				Dilution Factor: 1 Analysis Time...: 13:00		
Total Recoverable Petroleum Hydrocarbons	110	11	mg/kg	MCAWW 418.1	02/24-02/25/98	8055155
				Dilution Factor: 1 Analysis Time...: 13:00		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.



Client Sample ID: AWT-BACKFILL

TCLP Metals

Lot-Sample #...: I8B150103-002

Matrix.....: SOLID

Date Sampled...: 02/12/98 10:30 Date Received...: 02/14/98

Leach Date.....: 02/16/98 Leach Batch #...: P804704

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8049226						
Silver	ND	0.50	mg/L	SW846 6010A	02/18-02/19/98	CFDA3108
		Dilution Factor: 1				
		Analysis Time...: 15:59				
Arsenic	ND	0.50	mg/L	SW846 6010A	02/18-02/19/98	CFDA3109
		Dilution Factor: 1				
		Analysis Time...: 15:59				
Barium	ND	10.0	mg/L	SW846 6010A	02/18-02/19/98	CFDA310A
		Dilution Factor: 1				
		Analysis Time...: 15:59				
Cadmium	ND	0.10	mg/L	SW846 6010A	02/18-02/19/98	CFDA310C
		Dilution Factor: 1				
		Analysis Time...: 15:59				
Chromium	ND	0.50	mg/L	SW846 6010A	02/18-02/19/98	CFDA310D
		Dilution Factor: 1				
		Analysis Time...: 15:59				
Lead	ND	0.50	mg/L	SW846 6010A	02/18-02/19/98	CFDA310E
		Dilution Factor: 1				
		Analysis Time...: 15:59				
Selenium	ND	0.25	mg/L	SW846 6010A	02/18-02/19/98	CFDA310F
		Dilution Factor: 1				
		Analysis Time...: 15:59				
Prep Batch #...: 8051213						
Mercury	ND	0.0020	mg/L	SW846 7470A	02/20-02/24/98	CFDA310G
		Dilution Factor: 1				
		Analysis Time...: 09:05				

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 2/11/98

or cash received on _____ in the amount of \$ 740.00

from B.J. Services

for Farmington GW-09867

Submitted by: _____ Date: _____

Submitted to ASD by: [Signature] Date: 3/12/98

Received in ASD by: _____ Date: _____

Filing Fee New Facility _____ Renewal

Modification _____ Other _____

Organization Code 521.07 Applicable FY 98

To be deposited in the Water Quality Management Fund.

Full Payment _____ or Annual Increment _____

BJ **BJ SERVICES COMPANY**
P.O. BOX 4442
HOUSTON, TX 77210
713/462-4239

The Chase Manhattan Bank, N.A.
Syracuse, New York

VENDOR NO: 153892 CHECK NO: [redacted] 50-937
213

CHECK DATE	CHECK AMOUNT
02/11/98	*****740.00

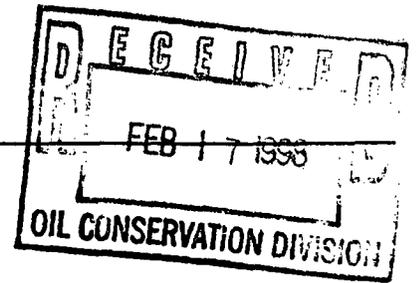
PAY SEVEN HUNDRED FORTY AND 00/100 *****

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
2040 SOUTH PACHECO
STATE LAND OFFICE BLDG
SANTA FE, NM 87505

[Signature]

VOID AFTER 90 DAYS
AS AN AUTHORIZED SIGNER OF BJ SERVICES COMPANY, U.S.A.





MEMORANDUM

February 11, 1998

TO: Mr. William J. LeMay
FROM: Rick Johnson, Safety & Environmental Department
SUBJECT: Farmington, NM Facility – Discharge Plan Modification

You should have recently received the attached letter, as well as other correspondence. Our accounting department inadvertently left out the check.

Please apply the enclosed check #1573203 in the amount of \$740.00 to Farmington's Discharge Plan Modification fee.

If you have any questions or require additional information, please contact me.

**BJ SERVICES COMPANY**P.O. BOX 4442
HOUSTON, TX 77210
713/462-4239

PLOPEZ

Stub 1 of

Check Date - 02/11/98

Check No. - [REDACTED]

Vendor No. - 153892

INVOICE NO.	DATE	DESCRIPTION	GROSS	DEDUCTIONS	AMOUNT PAID
020698	02/10		740.00		740.00

AFFIDAVIT OF PUBLICATION

No. 39171

COPY OF PUBLICATION

STATE OF NEW MEXICO

County of San Juan:

DENISE H. HENSON being duly sworn says: That she is the Classified Manager of THE DAILY TIMES, a daily newspaper of general circulation published in English at Farmington, said county and state, and that the hereto attached Legal Notice was published in a regular and entire issue of the said DAILY TIMES, a daily newspaper duly qualified for the purpose within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico for publication on the following day(s)

Tuesday, March 3, 1998

and the cost of publication is: \$62.29

Denise H. Henson

On 3-3-98 DENISE H. HENSON appeared before me, whom I know personally to be the person who signed the above document.

Deese Adams

My Commission Expires November 1, 2000

*OK MA
3-9-98*

Legals



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 application(s) have been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

(GW-096) BJ Services Company, USA, Jo Ann Cobb, (713) 363-7528, 5500 Northwest Central Drive, Houston, Texas, 77092, has submitted a discharge application for modification of its previously approved discharge plan for the Farmington Facility located in the W/2 SW/4 NW/4 of Section 13, E/2 SE/4 NE/4 of Section 14, Township 29 North, Range 13 West, NMPM, San Juan County, New Mexico. Two 10,000 gallon above ground storage tanks (diesel) are being installed at the old fuel island area. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 25 feet with a total dissolved solids concentration of approximately 1,500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

Legals



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(s) 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 application(s), 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 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(s) based on information available. If a public hearing is held, the Director will approve or disapprove the proposed plan(s) based on the information in the discharge plan application(s) and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 17th day of February, 1998.

**STATE OF NEW MEXICO
OIL CONSERVATION DIVISION**

/s/Lori Wrotenbery
LORI WROTENBERY, Director

SEAL

Legal No. 39171 published in The Daily Times, Farmington, New Mexico, on Tuesday, March 3, 1998.

Mark Ashley

From: Foust, Denny
Sent: Wednesday, February 18, 1998 8:03 AM
To: Mark Ashley
Subject: BJ SERVICES DISCHARGE PLAN

FEBRUARY 18, 1998

I HAVE DONE A CURSORY REVIEW OF THIS DISCHARGE PLAN. IT LISTS NO LOCAL AGENCIES TO BE IDENTIFIED, DOES NOT REFER TO RULE 116 OR FORM C-141. THESE SHOULD BE INCLUDED. BEYOND THE CORPORATE REQUIREMENTS. THIS PLAN DOES NOT SHOW THE LOCATION OF BELOW GRADE SUMPS OR COMMIT TO INSPECTIONS. WE HAVE NO DIAGRAM OF THE FUELING FACILITY WHICH HAS A NUMBER OF GRATED DRAINS AND LINE CHANNELS.

DENNY

*Called Rick Johnson on 3-9-98 1:30pm
He will supply aforementioned data.
Mark Ashley*

RECEIVE

The Santa Fe New Mexican

Since 1849. We Read You.

MAR - 4 1998

CONSERVATION DIVISION
NM OIL CONSERVATION DIVISION
ATTN: SALLY MARTINEZ
2040 S. PACHECO ST.
SANTA FE, NM 87505

AD NUMBER: 13470

ACCOUNT: 56689

LEGAL NO: 63090

P.O. #: 98-199-00257

165 LINES ONCE at \$ 66.00

Affidavits: 5.25

Tax: 4.45

Total: \$ 75.70

NOTICE OF PUBLICATION

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

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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(s) 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 application(s), 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 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 plan based on information available. If a public hearing is held, the Director will approve the plan based on the information in the plan and information presented at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 17th day of February 1998.

STATE OF NEW MEXICO
OIL CONSERVATION
DIVISION
LORI WROTENBERY,
Director

Legal #63090
Pub. February 27, 1998

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO
COUNTY OF SANTA FE

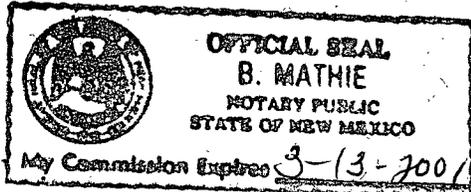
I, BETSY PERNER being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily news paper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a Newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication # 63090 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 27 day of FEBRUARY 1998 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 27 day of FEBRUARY A.D., 1998

Notary B. Mathie
Commission Expires 3-13-2001

OK MM
3-5-98





NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

February 24, 1998

Farmington Daily Times
Attention: Advertising Manager
Post Office Box 450
Farmington, New Mexico 87401

Re: Notice of Publication

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 March 3, 1998

Sincerely,

Sally Martinez
Sally Martinez
Administrative Secretary

Attachment

P 410 431 055

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

Sent to	
Farmington Daily Times	
Street & Number	
P.O. Box 450	
Post Office, State, ZIP Code	
FARMINGTON, NM 87401	
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	

(Mark)



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

February 24, 1998

The New Mexican
Attention: Betsy Perner
202 East Marcy
Santa Fe, New Mexico 87501

Re: Notice of Publication
PO # 98-199-00257

Dear Ms. Perner:

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 no later than Friday, February 26, 1998.

Sincerely,

Sally Martinez
Sally 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 application(s) have been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

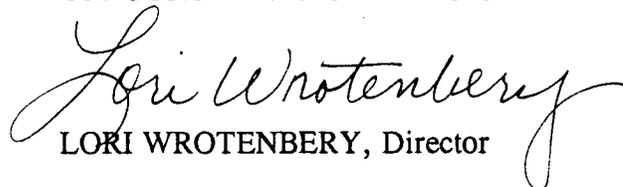
(GW-096) BJ Services Company, USA, Jo Ann Cobb, (713) 363-7528, 5500 Northwest Central Drive, Houston, Texas, 77092, has submitted a discharge application for modification of its previously approved discharge plan for the Farmington Facility located in the W/2 SW/4 NW/4 of Section 13, E/2 SE/4 NE/4 of Section 14, Township 29 North, Range 13 West, NMPM, San Juan County, New Mexico. Two 10,000 gallon above ground storage tanks (diesel) are being installed at the old fuel island area. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 25 feet with a total dissolved solids concentration of approximately 1,500 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(s) 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 application(s), 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 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(s) based on information available. If a public hearing is held, the Director will approve or disapprove the proposed plan(s) based on the information in the discharge plan application(s) and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 17th day of February 1998.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


LORI WROTENBERY, Director

S E A L

NOTICE OF PUBLICATION

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ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**

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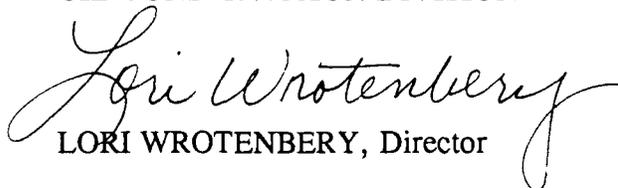
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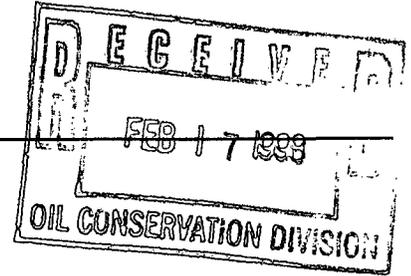
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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 17th day of February 1998.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


LORI WROTENBERY, Director

S E A L



MEMORANDUM

February 11, 1998

TO: Mr. William J. LeMay

FROM: Rick Johnson, Safety & Environmental Department

SUBJECT: Farmington, NM Facility – Discharge Plan Modification

You should have recently received the attached letter, as well as other correspondence. Our accounting department inadvertently left out the check.

Please apply the enclosed check #1573203 in the amount of \$740.00 to Farmington's Discharge Plan Modification fee.

If you have any questions or require additional information, please contact me.



BJ SERVICES COMPANY

P.O. BOX 4442
HOUSTON, TX 77210
713/462-4239

The Chase Manhattan Bank, N.A.
Syracuse, New York

VENDOR NO.
153892

CHECK NO. [REDACTED]

50-93
213

CHECK DATE	CHECK AMOUNT
------------	--------------

02/11/98 *****740.00

PAY SEVEN HUNDRED FORTY AND 00/100 *****

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
2040 SOUTH PACHECO
STATE LAND OFFICE BLDG
SANTA FE, NM 87505

VOID AFTER 90 DAYS
AS AN AUTHORIZED SIGNER OF BJ SERVICES COMPANY, U.S.A.



BJ SERVICES COMPANY

P.O. BOX 4442
HOUSTON, TX 77210
713/462-4239

PLOPEZ

Stub 1 of 1

Check Date - 02/11/98
Check No. - [REDACTED]
Vendor No. - 153892

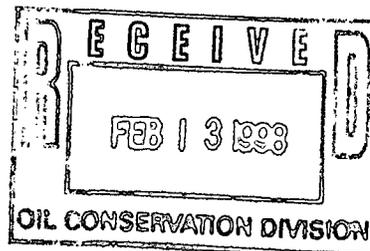
INVOICE NO.	DATE	DESCRIPTION	GROSS	DEDUCTIONS	AMOUNT PAID
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020698	02/10		740.00		740.00
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February 13, 1998

CERTIFIED MAIL NO. P 414 630 967
RETURN RECEIPT REQUESTED



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

RE: BJ Services Company, USA; Farmington, NM Facility; Discharge Plan
Modification

Dear Mr. LeMay:

Please find enclosed two (2) complete copies of a Discharge Plan modification application for the above referenced facility. The changes to the renewal application (submitted in June and approved by OCD in August of 1997) are *italicized*. These changes include the addition of Fuel to the list of materials stored at the facility in Section VI and the correction of Section IX of the application, Proposed Modification. Also, please find enclosed a check in the amount of \$740.00 which includes the Discharge Plan Modification Fee of \$ 690.00, plus a \$50.00 filing fee. If you have any questions or concerns regarding the information presented, feel free to contact me at (281) 363-7521. Thank you.

Sincerely,

Rick N. Johnson
Environmental Specialist

Enclosure (2 complete copies)

- c: OCD Aztec Office (1 complete copy)
 Mr. Jack Harless, BJ Services Company, U.S.A. (w/ enclosure)
 Ms. Jo Ann Cobb, BJ Services Company, U.S.A. (w/o enclosure)
 Mr. Charles Smith, BJ Services Company, U.S.A. (w/o enclosure)

3-114. Fees.

NMRdpED\agWQCC\rgWQCC82-1\pt3\se3-114(A)

A. Definitions. - As used in this section:

NMRdpED\agWQCC\rgWQCC82-1\pt3\se3-114(A) (1)

1. "average discharge" means the average daily flow rate of effluent discharge as measured or estimated over the period of one year;

NMRdpED\agWQCC\rgWQCC82-1\pt3\se3-114(A) (2)

2. "billable facility" means any facility or portion of a facility required to have a discharge plan.

NMRdpED\agWQCC\rgWQCC82-1\pt3\se3-114(A) (3)

3. "discharge plan modification" means a change in requirements of a discharge plan as requested by the discharger as a result of past, present or anticipated changes in the quality or quantity of effluent or the location of the discharge; or as required by the director.

NMRdpED\agWQCC\rgWQCC82-1\pt3\se3-114(B)

B. FEE AMOUNT AND SCHEDULE OF PAYMENT - Every billable facility submitting a discharge plan for approval, modification or renewal shall pay the fees specified in this subsection to the Water Quality Management Fund.

NMRdpED\agWQCC\rgWQCC82-1\pt3\se3-114(B) (1)

1. The amount of the fee payment for a new discharge plan shall be calculated using the following formula:

$$\text{TOTAL FEE} = \text{FILING FEE} + \text{FLAT FEE or DISCHARGE FEE}$$

NMRdpED\agWQCC\rgWQCC82-1\pt3\se3-114(B) (1) (a)

(a) The filing fee is fifty (50) dollars for each new discharge plan application.

NMRdpED\agWQCC\rgWQCC82-1\pt3\se3-114(B) (1) (b)

(b) Billable facilities in the following categories applying for a new discharge plan will pay a flat fee as indicated:

FLAT FEE

Facility Category	Flat Fee
Fuel Terminals	\$2300
Gas Compressor Stations	
0 to 1000 Horsepower	0
1001 to 3000 Horsepower	690
Greater than 3000 Horsepower	1380
Gas Processing Plants	3335
Injection Wells: Classes I & III and Geothermal	1380
In Situ Leach - except salt	3335
Leach Heaps - copper	3335
Leach Heaps - precious metals	3510
Mine Dewatering	1065
Oil & Gas Service Companies	1380
Refineries	7820
Remediations - discharge plan only	1380
Tailings - copper, uranium	4860

& molybdenum
 Uranium - ion exchange & 1210
 evaporation pond

NMRdpED\agWQCC\rgWQCC82-1\pt3\se3-114(B) (1) (c)

(c) All billable facilities applying for a new discharge plan but which are not subject to a flat fee will pay the following fees according to their rate of effluent discharge:

DISCHARGE FEE

Average Discharge Gallons per Day	Fee
0 to 9,999	\$ 575
10,000 to 49,999	1150
50,000 to 99,999	1725
100,000 to 499,999	2300
500,000 to 999,999	2875
1,000,000 to 4,999,000	3450
5,000,000 to 9,999,999	4025
10,000,000 and greater	4600

NMRdpED\agWQCC\rgWQCC82-1\pt3\se3-114(B) (2)

2. Billable facilities applying for discharge plans which are subsequently withdrawn or denied shall pay one-half of the flat fee or discharge fee at the time of denial or withdrawal.

NMRdpED\agWQCC\rgWQCC82-1\pt3\se3-114(B) (3)

3. Every billable facility submitting a discharge plan modification or renewal will be assessed a fee equal to the filing fee plus one-half of the flat fee or the discharge fee, whichever is applicable. Applications for both renewal and a modification will pay a fee equal to that assessed a new discharge plan application.

NMRdpED\agWQCC\rgWQCC82-1\pt3\se3-114(B) (4)

4. If the director requires a discharge plan modification as a component of an enforcement action, the facility shall pay the applicable discharge plan modification fee. If the director requires a discharge plan modification outside the context of an enforcement action, the facility shall not be assessed a fee.

NMRdpED\agWQCC\rgWQCC82-1\pt3\se3-114(B) (5)

5. The director may waive flat fees or discharge fees for discharge plan modifications which require little or no cost for investigation or issuance.

NMRdpED\agWQCC\rgWQCC82-1\pt3\se3-114(B) (6)

6. Billable facilities shall pay the filing fee at the time of discharge plan application. The filing fee is nonrefundable. The required flat fees or discharge fees may be paid in a single payment or in equal installments over the expected duration of the discharge plan. Installment payments shall be remitted yearly, with the first installment due on the date of discharge plan approval. The discharge plan or discharge plan application review of any facility shall be suspended or terminated if the facility fails to pay the required fee.

farm

nated if the facility fails to submit an installment payment by its due date.

District I - (505) 393-0101
P. O. Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

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

Revised 12/1/99
Submit Original
Plus 1 Copy
to Santa Fe
1 Copy to appropriate
District Office

**DISCHARGE PLAN APPLICATION FOR SERVICE COMPANIES,
GAS PLANTS, REFINERIES, COMPRESSOR, AND CRUDE OIL PUMP STATIONS**
(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: 3250 SOUTHSIDE RIVER RD., FARMINGTON, NM 87401
Contact Person: JACK HARLESS Phone: 505/327-6222
3. Location: W $\frac{1}{2}$ SW1 NW1 13
E $\frac{1}{2}$ SE1 /4 NE1 /4 Section 14 Township 29 NORTH Range 13 WEST
Submit large scale topographic map showing exact location.
4. Attach the name, telephone number 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 a facility closure plan, and 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: 2-6-98

BJ Services Company U.S.A.
Discharge Plan Modification - Farmington New Mexico

I. Type of Operation

BJ Services Co. U.S.A. provides oilfield services, including cementing, acidizing, and fracturing services at oil and gas well sites.

II Operator

BJ Services Co. U.S.A.
3250 Southside River Road
Farmington, New Mexico 87401
(505) 327-6222
Contact: Jack Harless

III Location

W1/2 SW1/4 NW1/4 Sec 13 & E1/2 SE1/4 NE1/4 Sec 14
Township 29 North
Range 13 West
NMPM
San Juan County
Farmington, New Mexico

IV. Landowner of Facility Site

BJ Services Company
5500 Northwest Central Drive
Houston, Texas 77092
Contact: Ms. Jo Ann Cobb, R.E.M.

V. Facility Description

See Attachment 1, Site Plan

VI. Materials Stored or Used at the Facility

Material	Constituents (includes additives)	Form	Type of Container	Estimated Volume Stored	Location
Acids	Hydrochloric	Liquid	Tank	10154 gal	Yard
	Sulfamic Acid	Solid	Sacks	725 lbs	Warehouse
	Formic Acid	Liquid	Drum	255 gal	Warehouse
	Acetic Acid	Liquid	Drum	348 gal	Warehouse
	Benzoic Acid	Solid	Sacks	200 lbs	Warehouse
Truck Cleaner	Detergent	Liquid	Drum	110 gal	Wash Bay
Parts Cleaner	Safety-Kleen Solvent	Liquid	Drum	90 gal	Shop
Paraffin Treatment Emulsion Breakers, Surfactants, Crosslinkers	Various products serve this function	Liquid	Drum	6433 gal	Warehouse
Salts, Dispersants Retarders	Various products serve this function	Solid	Sacks	124017 lbs	Warehouse
Biocides	Xcide-207	Solid	Sacks	1234 lbs	Warehouse
Others	Sand	Solid	Silos	1387 ton	Yard
	Fly Ash	Solid	Silos	776 sacks	Yard
	Gellants	Solid	Silos	18150 lbs	Yard
	Cement	Solid	Silos	4128 sacks	Yard
	Nitrogen	Liquid	tanks, transports	38304 gal	Yard
	<i>Fuel</i>		<i>Liquid</i>	<i>Aboveground Storage Tanks</i>	<i>20,000 gal (2-10K tanks)</i>
Lubricants	Oil	Liquid	Drums	2520 gal	Shop

VII. Sources of Effluent and Waste Solids

Waste Stream	Source	Composition	Estimated Volume
Truck Wash	wash bay	water, detergent inert solids oil	20,000 gal/month 16 yd ³ /month 4.5 gal/month
Junk cement	offsite well servicing	off-spec cement	375sacks/month
Used oil	truck maintenance in shop	lubricants	300 gal/month
Spent solvents	parts cleaning in shop	non-halogenated solvents	15 gal/month
Tires	tire changing in shop	tires	13/month
Batteries	battery changing in shop	lead/acid batteries	5/month
Empty drums	use of products in oil well servicing	steel/plastic drums	92/month
General trash	operations at facility	paper, cardboard, plastic trash	107yd ³ /month
Sanitary wastewater	employees at facility	water from restrooms	8,500 gal/month
Used filters	truck maintenance in shop	metal and fiber	60/month
Fuel Island runoff	rain and cleaning	water, hydrocarbons	400 gal/month
Antifreeze	truck maintenance in shop	ethylene glycol, water	33 gal/month
Metal scrap	truck maintenance, well servicing	steel, brass, copper, aluminum	7,970 lbs/month
Acid dock wastewater	rain, spillage at dock	water	1890 gal/month
Old/off-spec material	products contaminated or over shelf life	liquid/solid well servicing products	1 drum/month

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

Waste Stream	On-site Handling	Disposal
Truck wash-	water	POTW Envirotech Inc. 5796 U.S. Highway 64, Farmington NM Recycled by D&D Oil, P.O. Box 670 Bloomfield NM
	solids	
	oil	separated and stored in AST
Junk cement	stored in bin	Used by various people
Used oil	stored in AST	Recycled by D&D Oil
Spent solvents	stored in drums at shop	Recycled by Safety- Kleen Corp. 4200 A Hawkins Rd. Farmington N.M.
Tires	stored at shop	Waste Management of Four Corners 101 Spruce, Farmington N.M.
Batteries	stored at shop	Recycled by Interstate Battery 615 Mountain NW, Albuquerque N.M.
Empty Drums	stored in drum storage area at north end of facility	Recycled by West Texas Drum 11107 County Rd. 127 W., Odessa TX.
General trash	stored in dumpsters	Waste Management of Four Corners
Shop Absorbents	stored in special dumpster in shop	Waste Management of Four Corners
Sanitary Wastewater	discharged	POTW
Used filters	crushed, oil goes to used oil AST and filters to special dumpster	Waste Management of Four Corners
Fuel Island runoff	stored in UST	Cycled through wash bay separator

Antifreeze	stored at shop	Recycled and reused on site
Metal scrap	drummed	Recycled by Farmington Iron & Metal 4805 Herrera Rd. Farmington, NM
Acid stock wastewater	stored in UST	Used as make-up water
Old/off-spec material	stored in drums	Ashland Chemical 3101 Wood Drive, Garland TX.

IX. Proposed Modifications

The field waste and acidic waste USTs are scheduled to be removed in February of 1998. The rainwater collection tank at the fuel island will remain in service. Two 10,000 gallon aboveground storage tanks (diesel) are being installed at the old fuel island area. These modifications should be complete by mid-late February, 1998.

X. Inspection and Maintenance

See Attachment 2, Safety and Environmental Inspection Checklists

XI. Contingency Plan

See Attachment 3, Facility Emergency Response Contingency Plan

XII. Site Characteristics

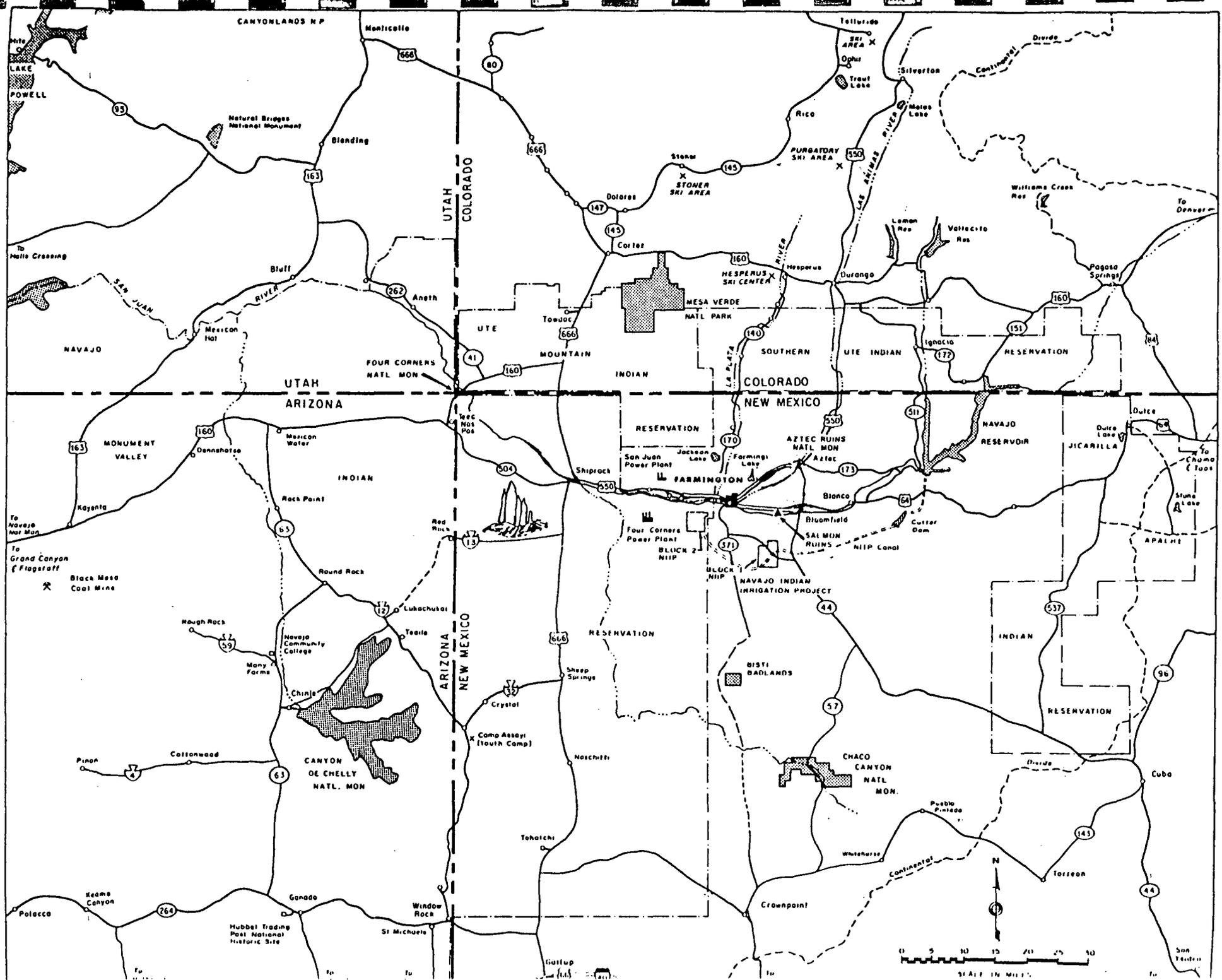
Bodies of Water: The Animas River is approximately 1 mile northwest of the property line. The San Juan River is approximately 1.5 miles south of the facility.

Groundwater is at approximately 25 feet. The water is fresh with a field tested conductivity of 2,000 to 3,400 uS/cm. The estimated TDS (total dissolved solids) is 1,500 to 2,500 ppm. Field tested pH is 6.6 to 7.3

Arroyos: None

Flooding Potential: Only a very heavy rain storm could cause any significant flooding due to run-off. In the event of heavy run-off, none of the underground storage tanks would be threatened. There is a berm and ditch on the east side of the property to control run-off from neighboring property. On the west property line there is a drainage channel to control run-off from the property.

**ATTACHMENT 1
SITE PLANS**



CANYONLANDS NP

Natural Bridges National Monument

UTAH ARIZONA

UTAH COLORADO

COLORADO NEW MEXICO

ARIZONA NEW MEXICO

CANYON DE CHELLY NATL. MON.

MESA VERDE NATL PARK

RESERVATION

RESERVATION

CHACO CANYON NATL. MON.

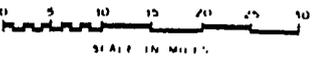
RESERVATION

RESERVATION

RESERVATION

RESERVATION

RESERVATION



FARMINGTON SOUTH
NEW MEXICO-S/7
7.5 MINUTE SERIES

4357 1 SW
(FARMINGTON NORTH)

752

DURANGO, COLO. 47 MI.
AZTEC 11 MI.

550

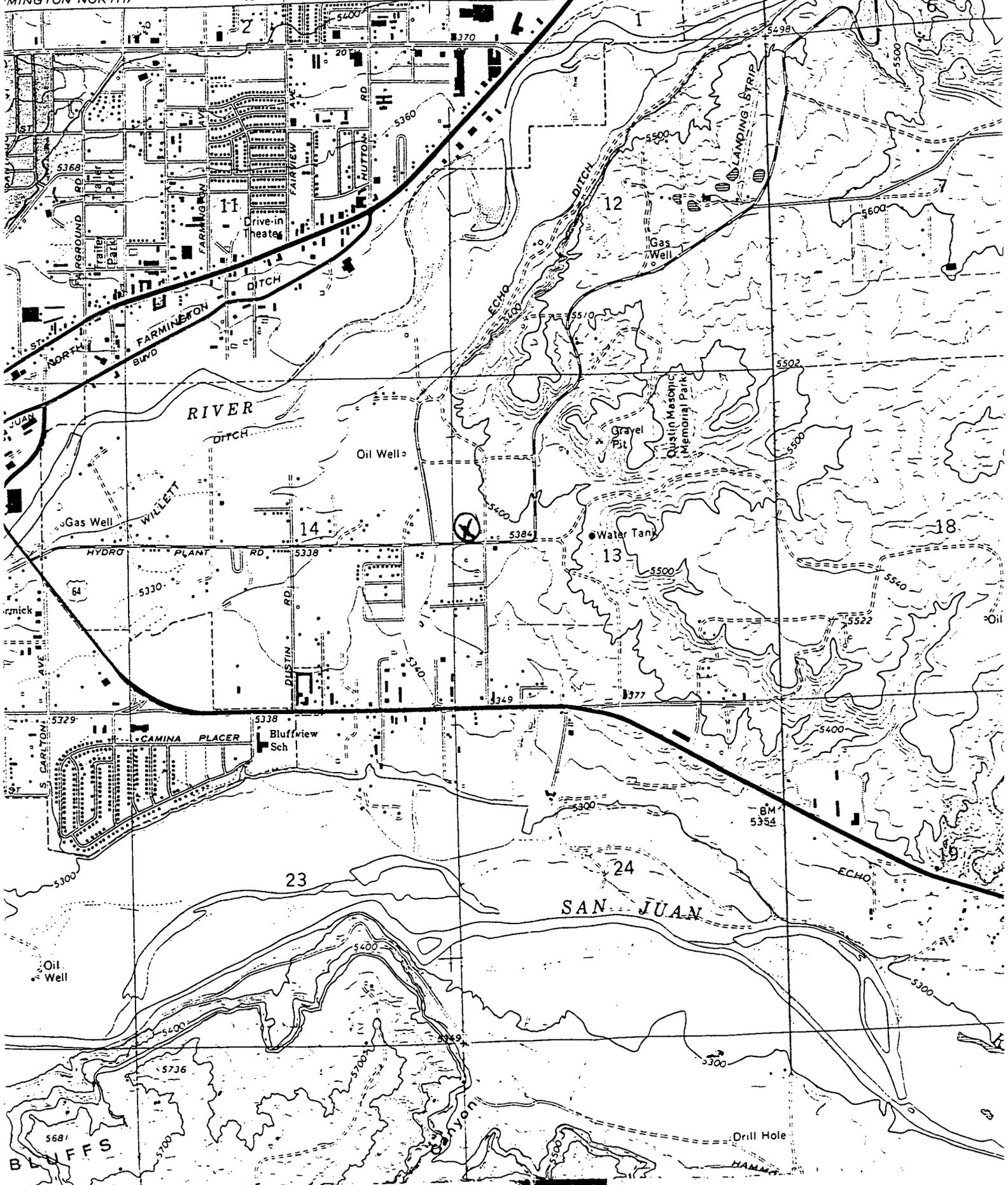
754

R. 13 W.

R. 12 W.

755

410 000 FEET



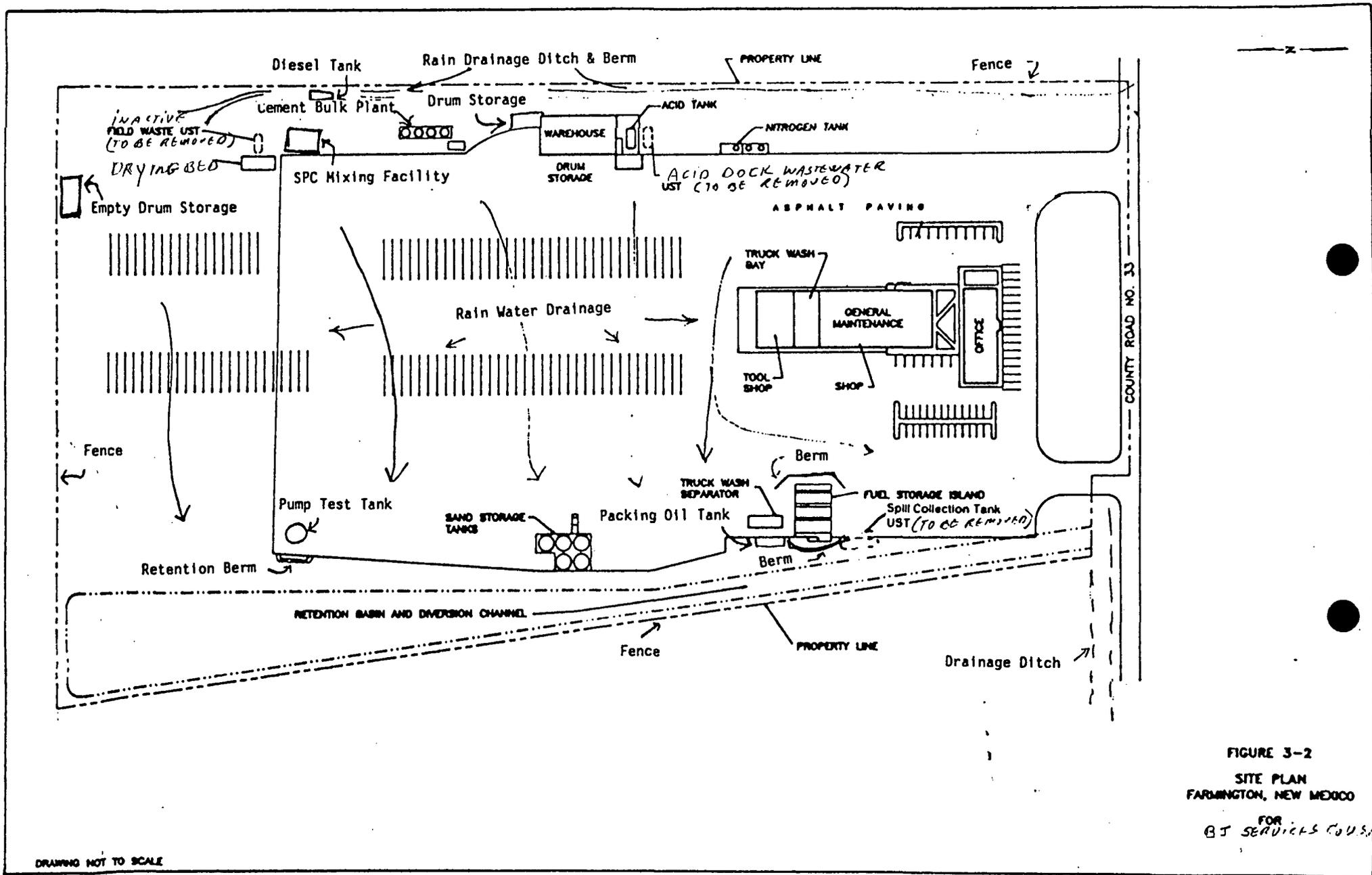


FIGURE 3-2
 SITE PLAN
 FARMINGTON, NEW MEXICO
 FOR
 BT SERVICES COUS.

DRAWING NOT TO SCALE

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 _____

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 _____

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 _____

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 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 PLAN

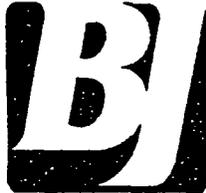


**FARMINGTON
DISTRICT**

EMPLOYEE EMERGENCY RESPONSE PLAN

&

FIRE PREVENTION PLAN



Location:
Farmington
3250 Southside River Road
Farmington, NM 87401
Phone: (505) 327-6222 Fax: (505) 327-5766

Employee Emergency Plan

Emergency Phone Numbers:

All Emergencies:	911
Fire Department:	911 non emergency 334-6622
Ambulance Service:	911 non emergency 334-6622
Hospital Emergency Room	911 non emergency 325-5011
Poison Control	1-800-432-6866
Chemtrec	1-800-424-9300
Police Department	911 non emergency 334-6622
Sheriff's Department	911 non emergency 334-6622
Occupational Safety Health	New Mexico Environmental Dept. Occupational Health & Safety Bureau (505) 827-4230
Environmental Emergency	1-713-363-7528 - Jo Ann Cobb
Region Safety Manager	Ron Kuhlemeier (307) 382- 3484 Cellular (307) 350-7561
Corporate Safety Dept.	1-281-363-7508 AFTER HRS/ WEEKEND/ MAJOR EMERGENCY (281)351-8131



**FARMINGTON DISTRICT
MANAGEMENT
NUMBERS**

TITLE/Name	PAGER	HOME	MOBILE
District Manager Jack Harless	-----	564-3239	330-0000
District Operations Supervisor Mark Knight	599-7685	325-7378	330-0001
District Facilities Manager Les Baugh	-----	327-5844	330-0002
District Maintenance Supervisor Duane McCoy	-----	327-6532	330-0003
District Training/Safety Supervisor Robert Rogers	599-7095	-----	330-0029
District Engineer Mike McNeese	326-8918	564-2901	330-0008
District Sales Manager Larry Lewis	599-7875	325-0883	330-0005



FARMINGTON DISTRICT TELEPHONE EXTENTION NUMBERS

NUMBER	NAME		
10	Dispatch office	26	Lab
11	Stacey Nance	27	Tresa Holgate
12	Conference Room	28	E O Lounge
13	Phone administration	29	<i>Robert Rogers</i>
		30	Mike Rose
14	Billy Ferrell	31	Training room
15	Mike McNeese	32	Duane McCoy
16	Jack Harless	33	Parts Counter
17	2nd Phone District Managers office	34	Mechanics break room
18	Larry Lewis	35	Shop wall
19	Scott Lindsey	36	Parts Office
20	Jeff Patton	37	Electronic tech
21	Mike Logan	38	Iron Bay
22	<i>Loren Diede</i>	39	Chemical Shed
23	Les Baugh		
24	Mark Knight		
25	David Shepard		

**EMPLOYEE EMERGENCY PLAN
AND
FIRE PREVENTION PLAN**

1. Emergency Action Plan

1.1 Emergency escape procedures and emergency escape route assignments:

1.1.1 In case of an emergency, 911 will be dialed immediately by the first employee who can identify the emergency and access a telephone. Give the 911 operator the location and nature of the emergency.

1.1.2 Notify all employees of the emergency by intercom/public address.

1.1.3 Emergency notification will cause all normal activities to cease and immediate emergency evacuation activities to begin.

1.1.4 Emergency escape routes are pre-determined and posted prominently throughout the facility. Appendix A displays emergency escape routes and assembly areas.

1.2 Procedures for employees who must remain to operate critical operations before they can evacuate the facility:

1.2.1 Employees involved in critical operations will assess the danger posed at their work stations and shut down operations prior to their safety being jeopardized.

- 1.2.2 Personal safety is primary in all emergency evacuation activities. Employees should not extend operations to a point where the employee or others are exposed to any unnecessary danger.
- 1.2.3 After shutdown of critical operations employees will evacuate to their designated assembly area.
- 1.3 Procedures to account for all employees following the evacuation:
 - 1.3.1 The facility manager or senior supervisor at the assembly area will make a list of names of all employees at the facility.
 - 1.3.2 Names of employees gathered at the assembly area will be checked off the list.
 - 1.3.3 The whereabouts of employees not checked off the list will be noted on the list. Employees known to be away from the facility (vacation, sick leave, etc.) will be checked off the list.
 - 1.3.4 Names of employees who are unaccounted for will be circled or highlighted and a note made of their work station or last known location.
 - 1.3.5 Names and possible locations of employees who are not accounted for will be given to the person in charge of the Rescue Unit first responding to the emergency.
- 1.4 Procedures for employees who are involved with rescue and medical duties:
 - 1.4.1 Rescue and medical duties will be performed by non-employee

personnel who respond to the 911 emergency call.

1.4.2 Employees should remain in the assembly area and not interfere with the activities of rescue and medical personnel.

1.4.3 The facility manager or senior supervisor will act as liaison with rescue and medical personnel.

1.5 Means of reporting fires and other types of emergencies:

1.5.1 The first means of reporting fires and emergencies is to dial 911.

1.5.2 The second means of reporting a fire or emergency is to dial directly to the Fire Department/Police Department Emergency Dispatcher.

1.6 Names or job titles of persons who can be contacted about the emergency plan:

1.6.1 Manager

1.6.2 Area Safety Manager

1.6.3 Field Safety Manager

1.6.4 Safety Department

2. Fire Prevention Plan

2.1 Potential fire hazards and proper procedures for handling and storing them, potential ignition sources and procedures for controlling them, and the type of fire protection equipment or systems that can control a fire involving

them:

2.1.1 Potential fire hazards, handling and storing are described in Appendix B.

2.1.2 Potential ignition sources and control of them are described in Appendix C.

2.1.3 Types of fire protection equipment are described in Appendix D.

2.2 Names or regular job titles of those responsible for maintaining equipment and systems installed to prevent or control ignition of fires:

2.2.1 Manager

2.2.2 Maintenance Supervisor

2.3 Names or regular job titles of those responsible for the control of fuel source hazards and flammable or combustible waste materials:

2.3.1 Manager

2.3.2 Maintenance Supervisor

2.4 Housekeeping procedures to control accumulations of flammable and combustible waste materials and residues so that they do not contribute to a fire emergency:

2.4.1 Flammable and combustible waste will be deposited in non-combustible receptacles, having self-closing covers that are provided for this purpose.

2.4.2 Flammable and combustible waste will be removed daily from

work areas and kept in a non-combustible container for collection and disposal according to applicable federal, state (provincial) and local laws.

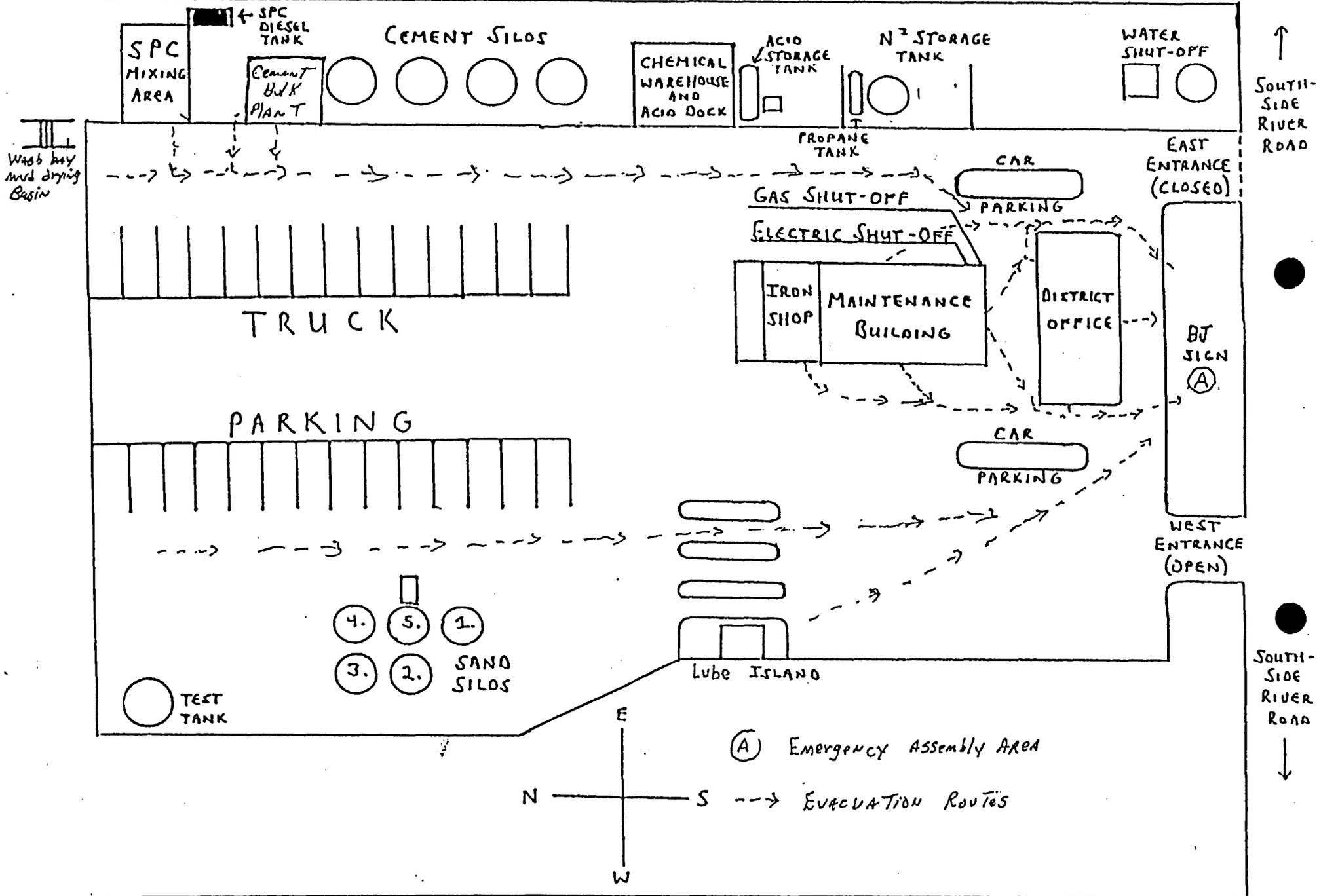
2.5 Training:

2.5.1 Each employee will be apprised of the fire hazards of the materials and processes to which the employee is exposed.

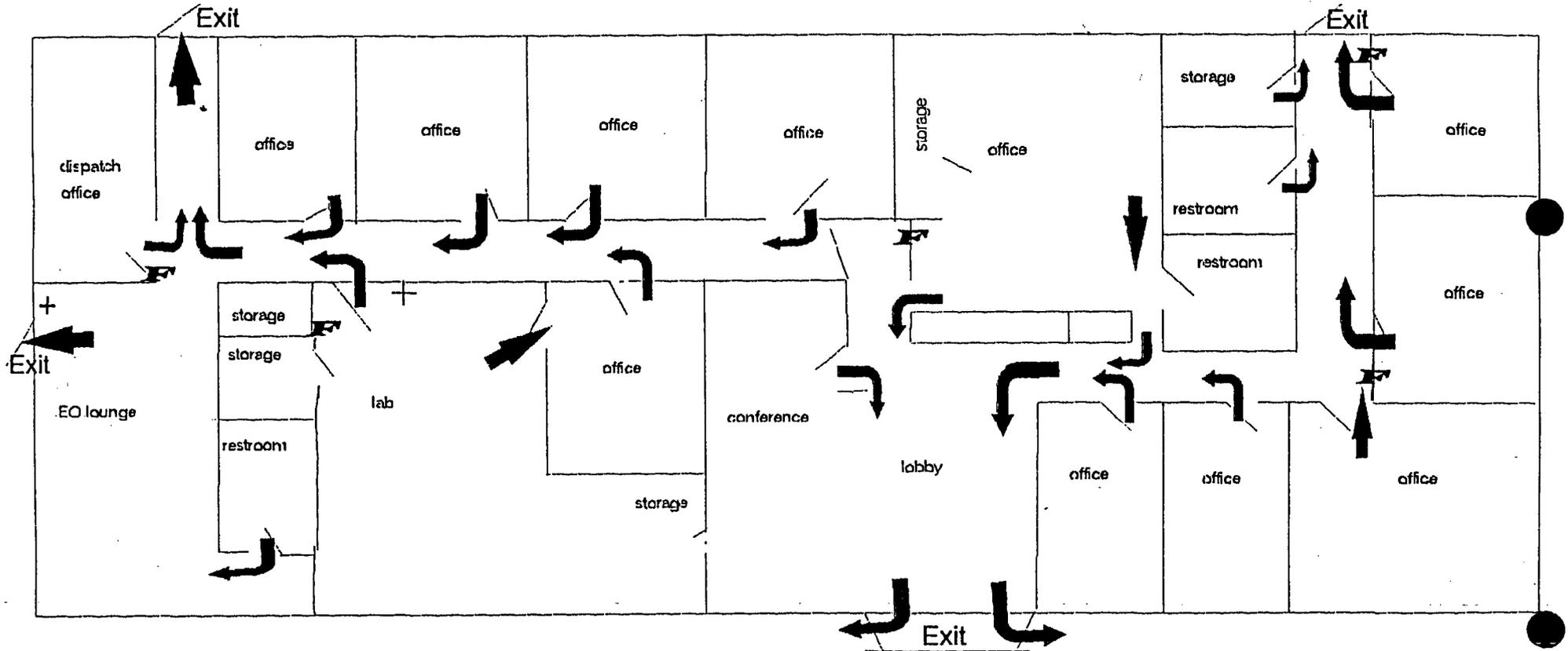
2.5.2 Each employee will be apprised of the emergency evacuation plan and the fire prevention plan upon initial assignment in order to protect the employee in an emergency.

*3.1 Preliminary Spill Reporting Instructions are contained in Appendix E
See Environmental Management Guide Book For Specific State & Federal Requirements*

FARMINGTON FACILITY MAP



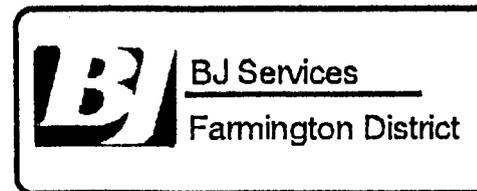
Escape Routes Main Office



F = fire extinguisher

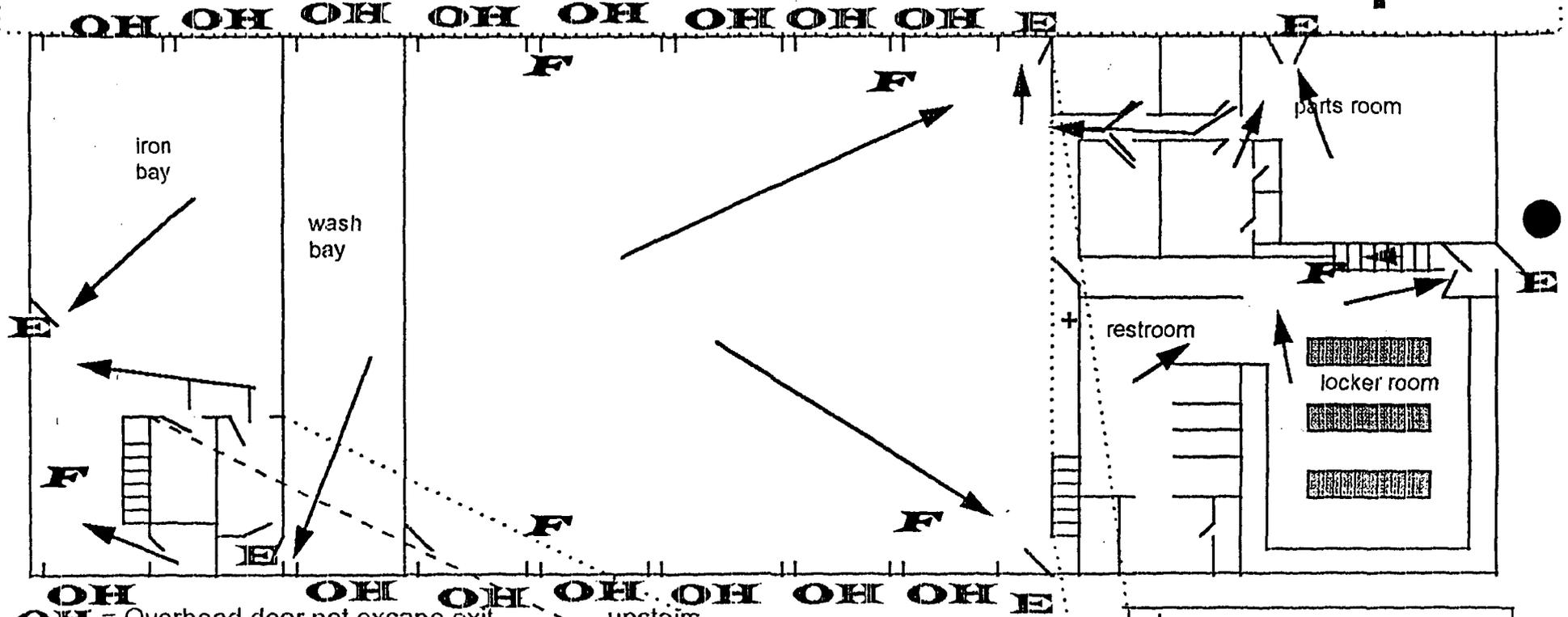
+ = first aid kit

In case of emergency call 911
 then alert others by:
 Using the speaker page & intercom
 and announcing the emergency to
 each person at the facility



upon evacuation meet here

Evacuation Plan Shop



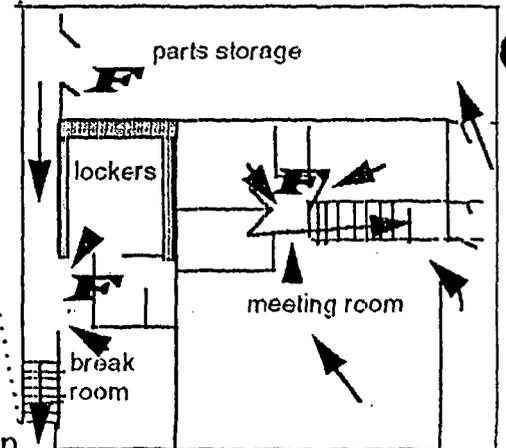
OH = Overhead door not escape exit
 E = Emergency exit
 F = fire extinguisher
 + = first aid kit

In case of emergency call 911
 then alert others by:
 Using the speaker page & intercom
 and announcing the emergency to
 to each person at the facility



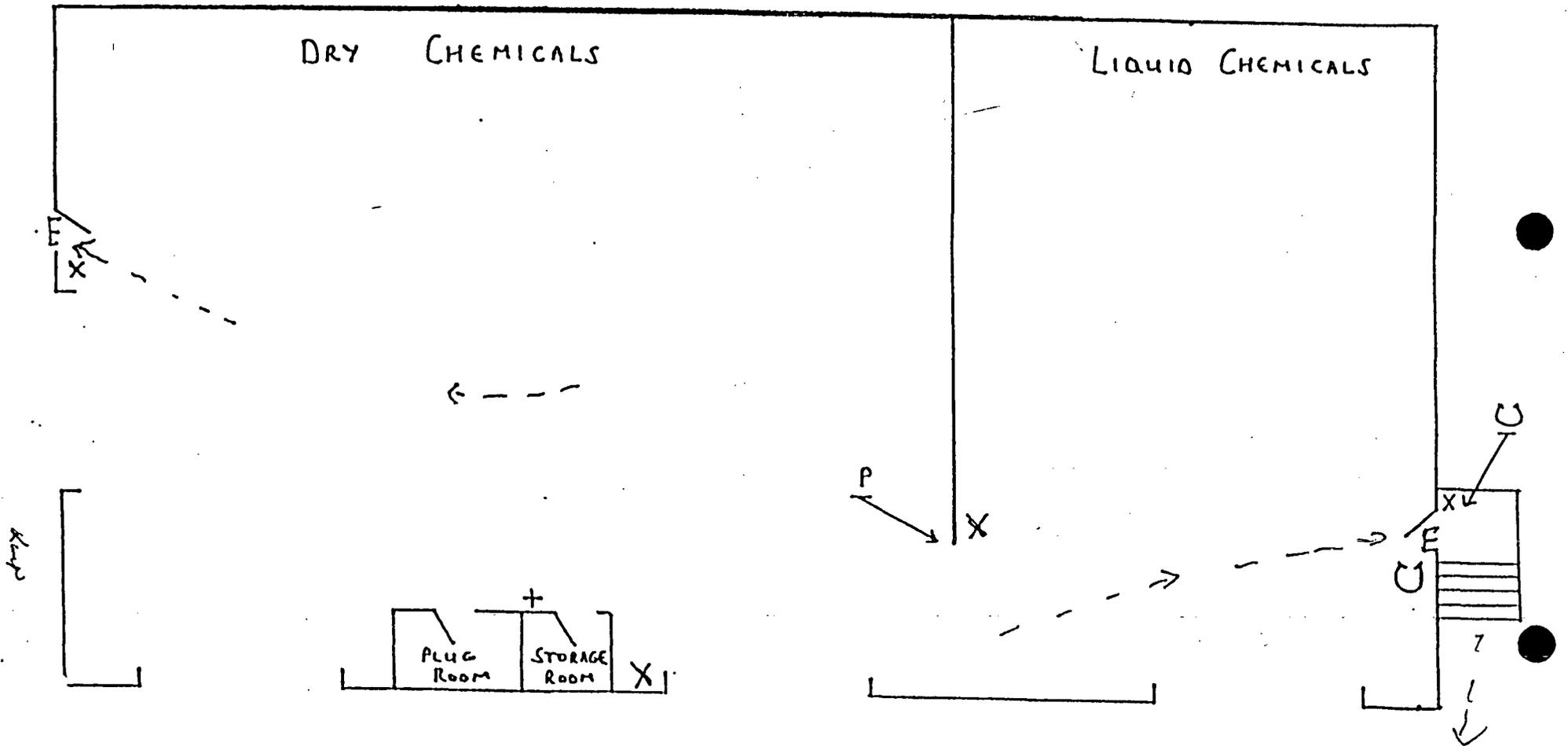
BJ Services
Farmington District

meet here upon evacuation



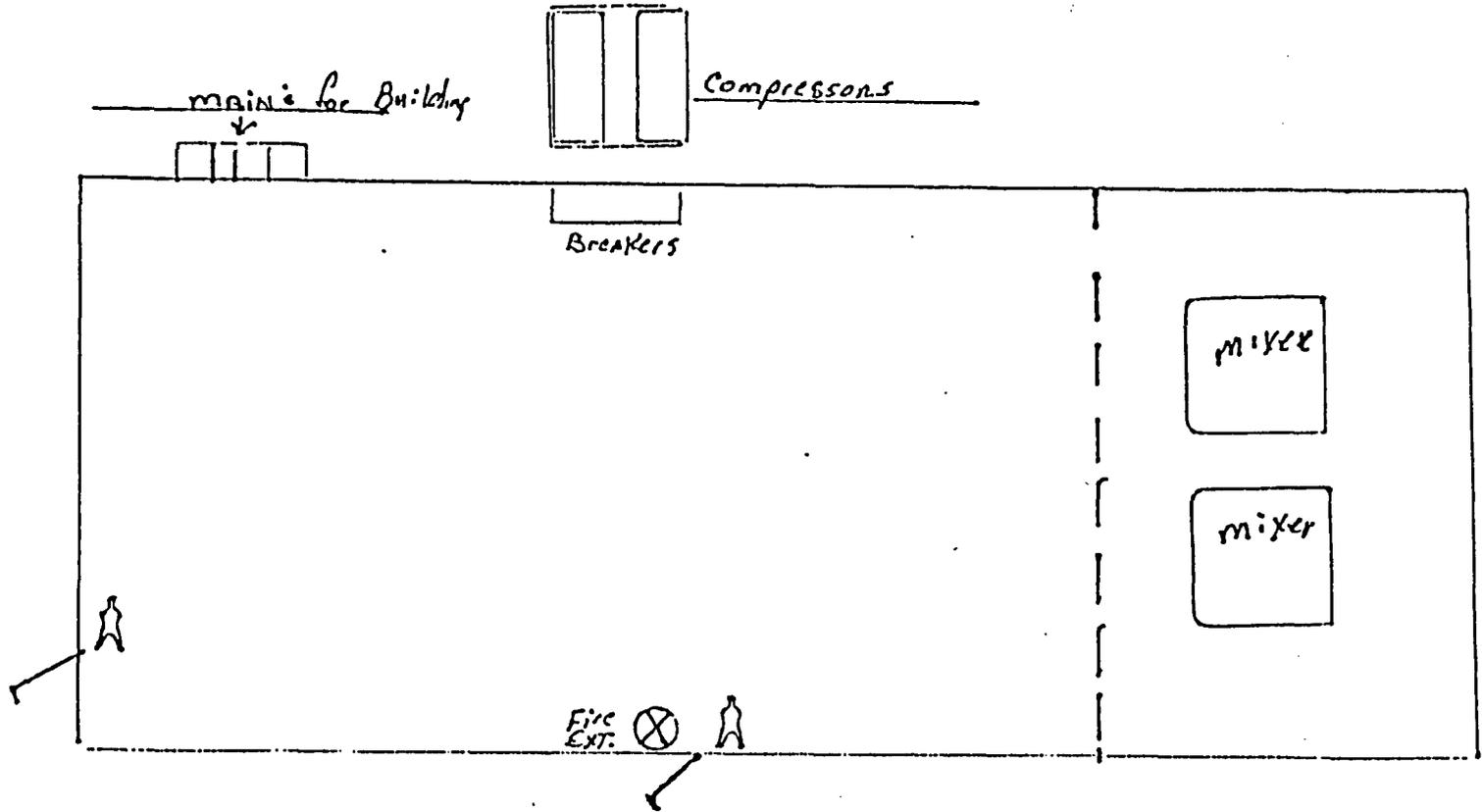
UPSTAIRS

CHEMICAL WAREHOUSE



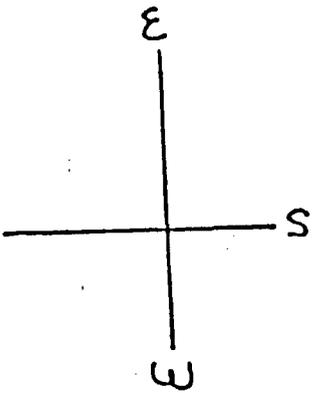
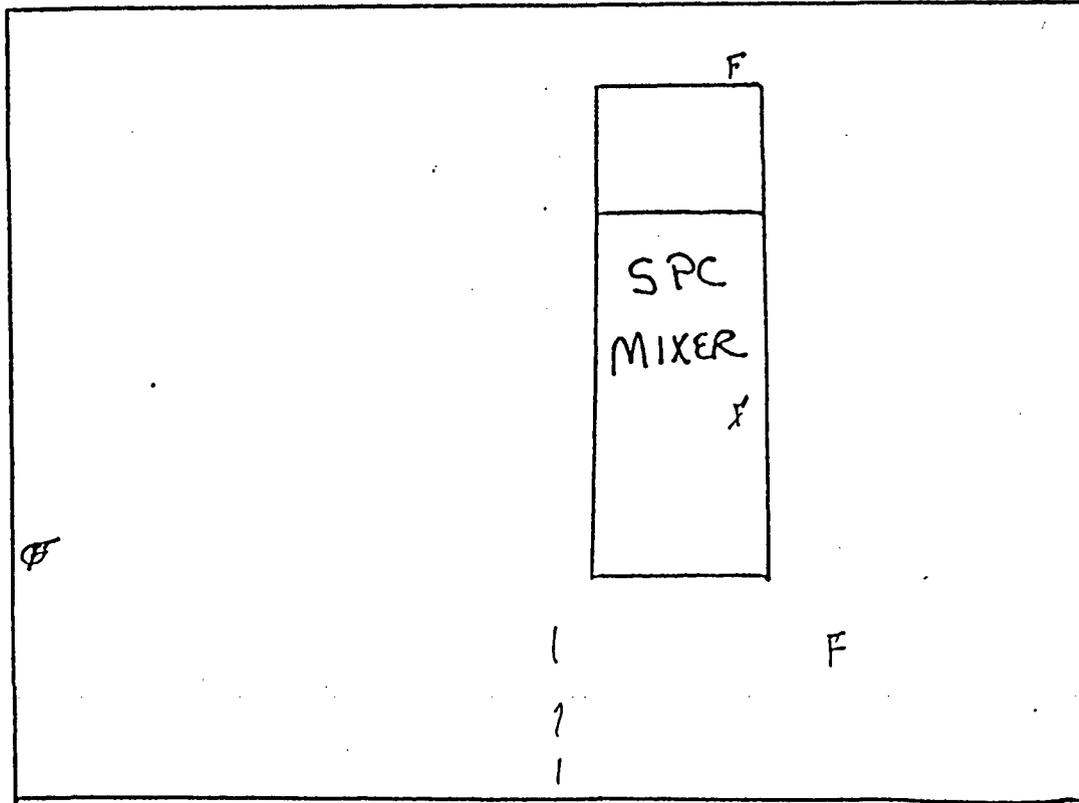
- LEGEND :
- X = FIRE EXTINGUISHER
 - + = FIRST AID KIT
 - U = EYE WASH + SHOWER
 - P = PHONE + EMERGENCY NUMRERS
 - E = ESCAPE EXITS

Cement Bulk Plant.



SPC SHED

DIESEL TANK



---> Evacuation Plan
F Fire Extinguisher

EVACUATION PROCEDURE FOR THE FARMINGTON DISTRICT

In the event that any emergency makes it necessary to evacuate a specific work area or the entire premises, the following guidelines should be followed in addition to those already set forth on the preceding page. As you are evacuating an area and if it is safe to do so:

Shop Area, Iron Shop & Wash Bay:

Turn off all operating equipment such as diesel, gasoline or electric motors & engines, welders-gas & electric, grinders, saws, parts washers, sprayers, compressors and anything else that might be or become a hazard if left unattended.

Lube Island:

Turn off all operating equipment such as diesel, gasoline or electric motors & engines, fuel and oil dispensers and anything else that might be or become a hazard if left unattended.

Sand Plant & Test Tank Area:

Turn off all operating equipment such as diesel, gasoline or electric motors & engines, tank discharge valves and anything else that might be or become a hazard if left unattended.

SPC, Chemical Warehouse, Acid, Nitrogen & Propane Docks:

Turn off all operating equipment such as diesel, gasoline, electric or propane motors & engines, tank discharge valves and anything else that might be or become a hazard if left unattended.

Front Office, Lab, Training & Locker Room Areas:

Turn off anything that might be or become a hazard if left unattended.

ALL AREAS

EVACUATE USING THE SAFEST AND MOST DIRECT ROUTE POSSIBLE!!!!

ENERGY LOCKOUT SYSTEMS

1. In case any electrical box on Western premises needs to be turned off for maintenance, or any other reason, the dispatcher will be notified. He will then notify all personnel that the entire electrical system is out of service. The Maintenance Supervisor, and the Facility Supervisor will have lockout devices, tags, and locks which will be used to fail safe the electrical boxes. Each employee using a lockout device will be issued his own lock for the device. "No one" will ever attempt to remove any lock or tag, other than his own. As an additional precaution, the fuse should be removed. When all work has been completed, the dispatcher will be notified and he will announce an all clear signal to all on the facilities.
2. In case of a fire, both main breakers (one at the maintenance building and another at the SPC and new Bulk Plant) will be shut off so that there will be no accident when fighting the fire with water.
3. In case of a fire being fueled by natural gas both master shut off valves will be shut down.
4. In case of a major fire, both electrical and natural gas systems will be turned off in order to reduce the risk of a more serious incident.
5. In any emergency, the main electrical switch at both areas, and the main gas valves, will not be put back into service until all areas have been inspected and an all clear signal has been given.
6. Gas and electricity shut off points are at the Southeast corner of the Maintenance building. The red valve is the gas and the yellow arrow on the electric box points to the main breaker for all electrical power. At the Northeast corner of the new bulk plant is the second point of the gas shut off. The breaker is at the Southeast corner of the new SPC building, this will shut down everything on the facility by shutting down both areas.
7. Main water shut off is located at the Southeast corner of the facilities in a concrete lined pit with a metal cover.

LOCATION:

FARMINGTON

APPENDIX B

**POTENTIAL FIRE HAZARDS
HANDLING AND STORAGE**

POTENTIAL FIRE HAZARD	HANDLING PROCEDURES	STORAGE PROCEDURES
Paint + Thinners in Shop + Iron Bay	paint not to be used around heaters	Keep paint + Thinners in Flammable materials lockers
Fumes From charging Batteries.	charge only in designated area, keep sparks away ~ keep away from smoking + welding	All Batteries to be stored in one area + stored off the floor
Testing crude oils in lab	Tests with oils will be done in the exhaust hood	crude oils stored in closed containers + disposed of immediately after test.

LOCATION:

FARMINGTON

APPENDIX C

POTENTIAL IGNITION SOURCES
AND
CONTROL PROCEDURES

POTENTIAL IGNITION SOURCES	CONTROL PROCEDURES
<p>Pilot lights on water Heaters & Furnaces</p> <p>Pilot light on Heaters shop</p>	<p>No Flammables or combustible materials to be stored in closets containing water Heaters or Furnaces</p> <p>No flammable liquids left open in shop</p> <p>Ether - staining fluid to be used outside only</p>

LOCATION:

FARMINGTON

APPENDIX D

TYPES OF FIRE PROTECTION EQUIPMENT

AREA PROTECTED	TYPE OF FIRE PROTECTION EQUIPMENT	NUMBER OF UNITS
Lab	20LB ABC Fire Extinguisher 5LB ABC Fire Extinguisher	4 1
Front office	5LB ABC Fire Extinguisher	4
Locker Room	20LB ABC Fire Extinguisher	1
Trainers Room	20LB ABC Fire Extinguisher	1
Main Entrance Shop	20LB ABC Fire Extinguisher	4
Mechanic Break Room/Storage	10LB ABC Fire Extinguisher	2
Iron Bay/Electronic	20LB ABC Fire Extinguisher	2
Chemical Warehouse	20LB ABC Fire Extinguisher	3
Cement Bulk Plant	20LB ABC Fire Extinguisher	2
SPC Mixing unit	20LB ABC Fire Extinguisher 10LB ABC Fire Extinguisher	3 1

Appendix E



**SPILL
REPORTING
GUIDE**

HOW TO USE THIS SECTION

WHEN A SPILL OCCURS

NOTIFY: Jo Ann Cobb at (713) 363-7528, Roy D. Lee at (713) 363-7521 or David Burkett at (713) 362-4421 as soon as possible.

BJ SERVICES SPILL REPORT: Completion of this report on the scene of the spill will provide information needed for federal and most state reports. It is designed to make subsequent reporting easier. Fill it out as completely as possible. Send the completed report to:

BJ Services Company, USA
8701 New Trails Drive
The Woodlands, Texas 77381
Attention: Jo Ann Cobb

WHAT SPILLS MUST BE REPORTED

Hazardous Substance: Any product which has a reportable quantity. The reportable quantity (RQ) can be found in the BJ Services Guide to DOT Hazardous Materials. This list is included in the Environmental Management Guide behind the tab marked Guide to DOT Hazardous Materials.

Hazardous Material: Any product described with a DOT hazard classification on the BJ Services Guide to DOT Hazardous Materials. This list is included in the Environmental Management Guide behind the tab marked Guide to DOT Hazardous Materials.

WHO MUST BE NOTIFIED

FEDERAL: Any spill equal to or exceeding the reportable quantity (RQ) for that substance must be reported at the federal level. A verbal report should be made immediately. A written report, if required, is due within 15 days. The form and phone number are included in the federal section.

STATE: Each state has different requirements. Refer to the state in which the spill occurred. State forms, if needed, are included.

SARA TITLE III: Each state has an Emergency Response Commission that was created under the Community Right to Know Act of 1986. Only the state Commission is listed. Local commissions can be obtained by calling the state.

TIMELINESS OF REPORTING A SPILL

If the reporting requirement does not refer to a specific time frame (e.g., 24-hours), the reporting requirement is **IMMEDIATE!**

BJ SERVICES SPILL REPORT

Notify Jo Ann Cobb of spill at (713) 363-7528

INCIDENT:

Date of spill: _____ Time: _____ am/pm

Location of spill: _____ / _____ / _____
city county state

address, highway # or landmarks (specific as possible)

Water reached by spill? _____
Name of stream etc.

Source of spill: _____

Weather conditions at spill: _____

Material(s) spilled: _____

Amount Spilled: _____

Action taken to stop spill: _____

Duration of spill: _____

Injuries? _____ If yes, name of injured person and extent of injuries _____

CLEANUP:

Method: _____ Effectiveness: _____

Ultimate disposition of spilled material: _____

BJ SERVICES SPILL REPORT

CONTACTS:

Person reporting spill:

Name: _____

District: _____ Address: _____ Telephone #: _____

BJ Services:

Person Contacted: _____

Date & Time: _____

State: _____

Agency contacted: _____

Person contacted: _____

Telephone No: _____

Date & Time: _____

Federal:

National Response Center Contacted? _____

Y/N

Person contacted: _____

Date & Time: _____

COMMENTS:

Send this form to: Jo Ann Cobb

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

CONTINGENCY/EMERGENCY RESPONSE PLAN

This Emergency Response 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.

In the event of an emergency, all employees will proceed to The Western Company's sign on the front lawn in a safe and orderly fashion. At this time a head count will be taken by the Team Coordinators to determine if any employee is missing. The Dispatcher will notify all Team Leaders of employees that may be on jobs or days off. Two Team Coordinators and two Team Leaders will make a sweep of the facility by means of the Buddy System to locate any missing persons or vendors that may be on the yard.

1. Chemical Spill/Release Reporting and Containment

EmTech Environmental Services, Inc. - 1-800/336-0909

This is a 24 hour emergency response service for spills/releases that is contracted to assist Western with any emergencies. Every District has been provided with this information to assist them in handling emergencies. This company has been provided a site plan, MSDSs for chemicals handled at each District and the contact people at each District.

Emergency Telephone Numbers

- A. Emergency Number - 911
- B. Electrical Utility - 505/327-7701
- C. Gas Utility - 505/325-2889
- D. Water Utility - 505/327-7701
- E. Telephone - 1-555-1653
- F. Poison Control Center - 1-800/432-6866
- G. District Manager - 505/334-8697

Equipment for Containment

- A. Foutz & Bursom Co. - 325-3712
- After hours:
Greg Swapp - 632-9569
Larry Sanders - 334-2348
Steve Foutz - 334-2656

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.

Names of team members:

~~DON KING, DISTRICT MANAGER~~ Jack Harless
#215 CR 3050 505.564.3239
* ~~AZTEC, NM 87410~~
~~505/334/8697~~

MARK KNIGHT, OPERATION SUPERVISOR
803 CR 3000
FARMINGTON, NM 87401
505/325-7378

Duane McCoy, Maintenance Supervisor
1221 Camina Flora
Farmington, NM 87401
505/327-6532

Les Baugh, Facilities Supervisor
4509 Celtic
Farmington, NM 87401
505/327-5844

Les Baugh, Environmental Coordinator
4509 Celtic
Farmington, NM 87401
505/327-5844

TEAM COORDINATORS TEAM LEADERS

JACK Harless ~~DON KING~~
Duane McCoy
Les Baugh

Jay Savage
MARK KNIGHT Mike Rose
~~Dave Holman~~

TEAMS

ALL DISTRICT EMPLOYEES

Teams will be set up to handle any type situation that may require removal of equipment or a spill on the facility. At NO time will a team or teams be ordered into an area that is unsafe.

The "All Clear" signal to re-enter areas will come from Western management. The Team members will assign their standbys in the event of absence.

- B. In the event the Emergency Preparedness Plan is implemented, the Dispatch Office will serve as a command center. If this is unsafe, the secondary command post will be The Western Company sign on the front lawn.

III. Fire Fighting Procedures

- A. Hazardous Materials Handling - If a fire cannot be put out immediately with hand held portable fire extinguishers, the area will be evacuated and the Fire Department will be summoned by dialing 911. Material Safety Data Sheet books should be consulted and made available to the Fire Department in order to ascertain what, if any, hazards might be encountered in the fire. These books are kept in the following places:

1. Dispatch Office
2. District Lab
3. Training Office
4. Maintenance Supervisor's Office
5. Chemical Warehouse

- B. Fire Extinguisher Locations - Fire extinguishers in the main office are located at the entrance of the Dispatch Office; at the entrance of the lounge; outside the Conference Room; at the door near the storage room next to the sales office and just outside the District Manager's office.

- C. Securing Utilities - The master shutoff points are at the **SOUTHEAST CORNER** of the **MAINTENANCE BUILDING**. The **RED VALVE** is the gas, the **YELLOW ARROW** on the electric box points to the main breaker for all **ELECTRICAL POWER**. This will shutdown all gas and electricity on the facility.

In case of an uncontrolled acid spill or fire where the acid tank is involved, turning the fluorescent orange valve on the acid tank will stop all flow.

In case of an uncontrolled nitrogen discharge from the storage tanks, turning the fluorescent orange valves on the tanks should stop all flow.

- D. Fire Fighting Water Available - The main water shut-off valve, a red-handled valve, is located at the southeast corner of the facility in a concrete lined pit with a metal cover.

IV. Evacuation of Personnel and Equipment

- A. Personnel - All personnel on the district facility will meet at The Western Company sign on the front lawn. 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.

- 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.

In the event any emergency makes it necessary to evacuate a specific work area or the entire premises, the following guidelines should be followed, in addition to those already set forth. As an area is evacuated and it is safe to do so:

Shop Area, Iron Shop and Wash Bay:

Turn off all operating equipment such as diesel, gasoline or electric motors and engines, welders-gas and electric, grinders, saws, parts washers, sprayers, compressors and anything that might be or become a hazard if left unattended.

Fuel Island:

Turn off all operating equipment such as diesel, gasoline or electric motors and engines, fuel and oil dispensers and anything that might be or become a hazard if left unattended.

Sand Plant and Test Tank Area:

Turn off all operating equipment such as diesel, gasoline or electric motors and engines, tank discharge valves and anything that might be or become a hazard if left unattended.

SPC, Chemical Warehouse, Acid, Nitrogen and Propane Docks:

Turn off all operating equipment such as diesel, gasoline, electric or propane motors and engines, tank discharge valves and anything else that might be or could become a hazard if left unattended.

Front Office, Lab, Training and Locker Room Areas:

Turn off anything that might be or could become a hazard if left unattended.

ALL AREAS

Evacuate using the safest and most direct route possible!

V. Security

All outside persons, except fire fighting personnel, will be kept off 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

In the event there is an emergency that involves a densitometer containing radioactive materials; the Radiation Safety Officer (Brian Ault) and the Radiation Safety Supervisor (Mike Rose) will be immediately notified.

No one will be permitted into the area until the RSO and the RSS have determined that it is safe to do so.

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

A personal visit by the District Manager and any other personnel assigned 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. In the event of a serious accident or injury, a person qualified in American Red Cross Standard First Aid is on duty during all hours of operation. Using the procedures set by the American Red Cross, first aid will be initiated and followed until the Emergency Medical Services arrive.
- B. In case of chemical poisoning, a call should be placed to the nearest poison control center available. Consult the Material Safety Data Sheets manual to find information on first aid measures to be taken until qualified help can be reached.

X. Spill Control and Containment

- A. Acid Tank Failure - First, clear the area of all personnel and give first aid to the injured. Establish security measures and keep all personnel clear of the area. An action team comprised of the 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 has been removed from the ground, clean up and repair operations will commence using all district personnel available. The action team will coordinate all operations.

- B. Hazardous Material Leakage - When there is a leak or suspected leakage at a hazardous materials storage facility, efforts must be made to stop the leakage as soon as possible without endangering personnel safety. Containment dikes will be built to contain the spillage; the spill picked up by absorbent material and placed inside containers or containment area before disposal by a qualified disposal company. The incident will be reported to the National Response Center, the local authority and Western's corporate environmental office.



mark
Ashley

RECEIVED
FEB - 2 1998

OIL CON. DIV.
DIST. 3

January 29, 1998

OCD
Aztec, New Mexico

Re: Pressure Test of Waste Water Line

A pressure test was conducted 1/14/98 on the 4" waste water line from our washbay, to the separation system as required by District Discharge Plan. The test was not successful.

A new 4" line was installed and tested on 1/21/98. This test was successful and was observed by Denny Foust, OCD representative.

BJ Services

Les Baugh
Farmington District



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

December 31, 1997

CERTIFIED MAIL
RETURN RECEIPT NO. P-288-259-002

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

**RE: Field Waste Tank and Acidic Waste Tank Closure Plan
Farmington Facility
San Juan County, New Mexico**

Dear Mr. Johnson:

The New Mexico Oil Conservation Division (OCD) has completed a review of BJ Services' (BJ) December 10, 1997 "Field Waste Tank and Acidic Waste Tank Closure Plan." This document contains BJ's work plan for removal of two underground waste tanks at the BJ Services Farmington facility, and determine the extent of potential soil contamination related to the operation of the tank systems and remediation.

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

1. All residual liquids removed from the field waste tank will be tested for hazardous constituents prior to disposal at an OCD approved site.
2. BJ will sample the soils beneath the field waste tank and acidic waste tank for hazardous constituents. After removal of the existing tanks, soil samples will be collected from each of the sidewalls, and from the floor of each excavation. If contamination exists, verticle extent will be determined, and the contaminated soils will be removed and disposed of at an OCD approved site.
3. The OCD Aztec District Office will be notified 72 hours prior to all closure activities.

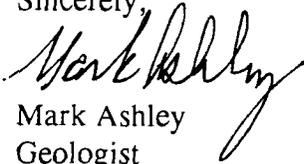
Mr. Rick N. Johnson
December 31, 1997
Page 2

4. BJ will submit a report on each investigation to the OCD by March 9, 1998. The report will contain:
 - A. A description of all investigation activities including conclusions and recommendations.
 - B. A summary of all 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 Aztec 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 Aztec Office

P 288 259 002

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	

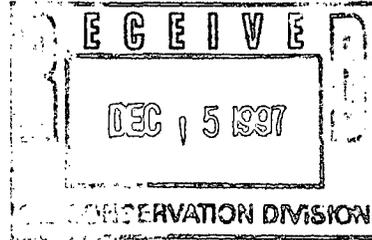
PS Form 3800, April 1995



GW-97

December 10, 1997

CERTIFIED MAIL NO. P 414 630 983
RETURN RECEIPT REQUESTED



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

RE: Field Waste Tank and Acidic Waste Tank Closure Plan
Farmington, New Mexico Facility

Dear Mr. Ashley:

Please find enclosed a closure plan for a field waste tank and an acidic waste tank at our Farmington, New Mexico Facility. I have tentatively scheduled these activities for the week of February 9, 1998. 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,

Rick N. Johnson
Environmental Specialist

enclosure

c: Mr. Jack Harless, BJ Services Company, U.S.A. (w/ enclosure)
Ms. JoAnn Cobb, BJ Services Company, U.S.A. (w/o enclosure)
Mr. Charles Smith, BJ Services Company, U.S.A. (w/o enclosure)

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 8/28/97,
or cash received on _____ in the amount of \$ 690.00

from B.J. Services

for Western Farmington Facility GW 097
(Facility Name) (DP No.)

Submitted by: _____ Date: _____

Submitted to ASD by: R.C. [Signature] Date: 10/20/97

Received in ASD by: _____ Date: _____

Filing Fee _____ New Facility _____ Renewal X
Modification _____ Other _____

Organization Code 521.07 Applicable FY 98

To be deposited in the Water Quality Management Fund.

Full Payment X or Annual Increment _____



BJ SERVICES COMPANY
P.O. BOX 4442
HOUSTON, TX 77210
713/462-4239

The Chase Manhattan Bank, N.A.
Syracuse, New York

VENDOR NO.
142197

CHECK NO.
[redacted]

50-937
213

CHECK DATE

CHECK AMOUNT

08/28/97

*****690.00

PAY SIX HUNDRED NINETY AND 00/100 *****

NMED-WATER QUALITY MGMT.
ENERGY, MINERALS & NATURAL
RESOURCES DEPT.
OIL CONSERVATION DIV.
2040 S. PACHECO
SANTA FE, NM 87505

VOID AFTER 90 DAYS
AS AN AUTHORIZED SIGNER OF BJ SERVICES COMPANY, U.S.A.



**BJ SERVICES COMPANY**P.O. BOX 4442
HOUSTON, TX 77210
713/462-4239

PLOPEZ

Stub 1 of 1

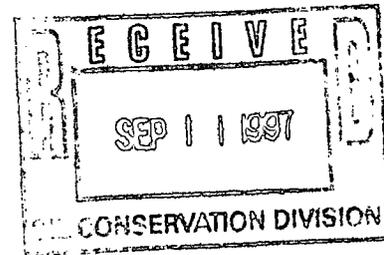
Check Date - 08/28/97
Check No. - [REDACTED]
Vendor No. - 142197

INVOICE NO.	DATE	DESCRIPTION	GROSS	DEDUCTIONS	AMOUNT PAID
082597	08/27	DISCHARGE PLAN FEE	690.00		690.00



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131



August 14, 1997

CERTIFIED MAIL
RETURN RECEIPT NO. P-288-258-957

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

**RE: Discharge Plan GW-097 (Formerly Western) Renewal
Farmington Facility
San Juan County, New Mexico**

RECEIVED

AUG 20 1997

ENVIRONMENTAL

Dear Ms. Cobb:

The ground water discharge plan, GW-097, for the BJ Services Company, U.S.A. (BJ) Farmington Facility located in the W/2 SW/4 NW/4 of Section 13, and the E/2 SE/4 NE/4 of Section 14, Township 29 North, Range 13 West, NMPM, San Juan County, New Mexico, is **hereby approved** under the conditions contained in the enclosed attachment. The discharge plan consists of the original discharge plan as approved August 18, 1992, and the discharge plan renewal application dated May 6, 1997. Enclosed are two copies of the conditions of approval. **Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe Office within 10 working days of receipt of this letter.**

The discharge plan was submitted pursuant to Section 3106 of the New Mexico Water Quality Control Commission (WQCC) Regulations. It is approved pursuant to Section 3109.A. Please note Sections 3109.E and 3109.F., which provide for possible future amendments or modifications of the plan. Please be advised that approval of this plan does not relieve BJ of liability should operations result in pollution of surface water, ground water, or the environment.

Please be advised that all exposed pits, including lined pits and open tanks (tanks exceeding 16 feet in diameter), shall be screened, netted, or otherwise rendered nonhazardous to wildlife including migratory birds.

Ms. Jo Ann Cobb
August 14, 1997
Page 2

Please note that Section 3104 of the regulations require "When a facility has been approved, discharges must be consistent with the terms and conditions of the plan." Pursuant to Section 3107.C. BJ is 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.

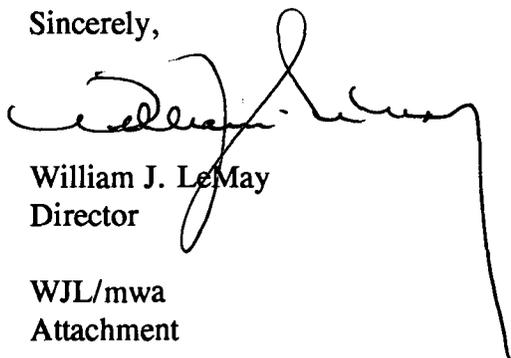
Pursuant to Section 3109.G.4., this plan is for a period of five years. This approval will expire on August 18, 2002, and BJ should submit an application in ample time before this date. Note that under Section 3106.F. of the regulations, if a discharger submits a discharge plan renewal application at least 120 days before the discharge plan expires and is in compliance with the approved plan, then the existing discharge plan will not expire until the application for renewal has been approved or disapproved. It should be noted that all discharge plan facilities will be required to submit the results of an underground drainage testing program as a requirement for discharge plan renewal.

The discharge plan renewal application for the BJ Services Company, U.S.A. Farmington Facility is subject to WQCC Regulation 3114. Every billable facility submitting a discharge plan will be assessed a fee equal to the filing fee of \$50 plus a flat fee of \$690 for oil field service companies. The OCD has received the filing fee. The flat fee is due upon receipt of this approval. The flat fee may be paid in a single payment due on the date of the discharge plan approval or in five equal installments over the expected duration of the discharge plan. Installment payments shall be remitted yearly, with the first installment due on the date of the discharge plan approval.

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

On behalf of the staff of the OCD, I wish to thank you and your staff for your cooperation during this discharge plan review.

Sincerely,



William J. LeMay
Director

WJL/mwa
Attachment

xc: OCD Aztec Office

ATTACHMENT TO THE DISCHARGE PLAN GW-097 RENEWAL
BJ SERVICES COMPANY, U.S.A.
FARMINGTON FACILITY
DISCHARGE PLAN APPROVAL CONDITIONS
(August 14, 1997)

1. Payment of Discharge Plan Fees: The \$690 flat fee shall be submitted upon receipt of this approval. The required flat fee may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the plan, with the first payment due upon receipt of this approval.
2. BJ Commitments: BJ will abide by all commitments submitted in the discharge plan application dated May 6, 1997.
3. Waste Disposal: All wastes shall be disposed of at an OCD approved facility. Only oilfield exempt wastes shall be disposed of down Class II injection wells. Non-exempt oilfield wastes that are non-hazardous by characteristics may be disposed of at an OCD approved facility upon proper waste characterization per 40 CFR Part 261.
4. Drum Storage: All drums containing materials other than fresh water must be stored on an impermeable pad with curbing. All empty drums will be stored on their sides with the bungs in and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets will also be stored on an impermeable pad and curb type containment.
5. 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.
6. 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.
7. Above Ground Saddle Tanks: Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.
8. Labeling: All tanks, drums and containers should be clearly labeled to identify their contents and other emergency information necessary if they were to rupture, spill, or ignite.

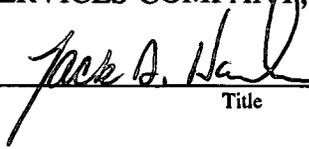
9. **Below Grade Tanks/Sumps:** All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks must demonstrate integrity on an annual 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, or other OCD approved methods. The OCD will be notified at least 72 hours prior to all testing.
10. **Underground Process/Wastewater Lines:** All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity at present and then every 5 years thereafter, or prior to discharge plan renewal. Permittees may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing.
11. **Class V Wells:** Leach fields and other wastewater disposal systems at OCD regulated facilities which inject fluid other than domestic waste sewage below the surface are considered Class V injection wells under the EPA UIC program. All class V wells will be closed unless, it can be demonstrated that protectable groundwater will not be impacted in the reasonably foreseeable future. Class V wells must be closed through the Santa Fe Office. The OCD allows industry to submit closure plans which are protective of human health, environment and groundwater as defined by the WQCC, and are cost effective.
12. **Housekeeping:** All systems designed for spill collection/prevention should be inspected to ensure proper operation and to prevent overtopping or system failure.
13. **Spill Reporting:** All spills/releases shall be reported pursuant to OCD Rule 116 and WQCC 1203 to the OCD Aztec District Office.
14. **Transfer of Discharge Plan:** The OCD will be notified prior to any transfer of ownership, control, or possession of a facility with an approved discharge plan. A written commitment to comply with the terms and conditions of the previously approved discharge plan must be submitted by the purchaser and approved by the OCD prior to transfer.
15. **Closure:** The OCD will be notified when operations of the facility are discontinued for a period in excess of six months. Prior to closure of the facility a closure plan will be submitted for approval by the Director. Closure and waste disposal will be in accordance with the statutes, rules and regulations in effect at the time of closure.

16. Certification: BJ, by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. BJ further acknowledges that these conditions and requirements of this permit may be changed administratively by the Division for good cause shown as necessary to protect fresh water, human health and the environment.

Accepted:

BJ SERVICES COMPANY, U.S.A.

by



Title

DIST. MGR.



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

August 14, 1997

CERTIFIED MAIL
RETURN RECEIPT NO. P-288-258-957

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

**RE: Discharge Plan GW-097 (Formerly Western) Renewal
Farmington Facility
San Juan County, New Mexico**

Dear Ms. Cobb:

The ground water discharge plan, GW-097, for the BJ Services Company, U.S.A. (BJ) Farmington Facility located in the W/2 SW/4 NW/4 of Section 13, and the E/2 SE/4 NE/4 of Section 14, Township 29 North, Range 13 West, NMPM, San Juan County, New Mexico, is **hereby approved** under the conditions contained in the enclosed attachment. The discharge plan consists of the original discharge plan as approved August 18, 1992, and the discharge plan renewal application dated May 6, 1997. Enclosed are two copies of the conditions of approval. **Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe Office within 10 working days of receipt of this letter.**

The discharge plan was submitted pursuant to Section 3106 of the New Mexico Water Quality Control Commission (WQCC) Regulations. It is approved pursuant to Section 3109.A. Please note Sections 3109.E and 3109.F., which provide for possible future amendments or modifications of the plan. Please be advised that approval of this plan does not relieve BJ of liability should operations result in pollution of surface water, ground water, or the environment.

Please be advised that all exposed pits, including lined pits and open tanks (tanks exceeding 16 feet in diameter), shall be screened, netted, or otherwise rendered nonhazardous to wildlife including migratory birds.

Ms. Jo Ann Cobb
August 14, 1997
Page 2

Please note that Section 3104 of the regulations require "When a facility has been approved, discharges must be consistent with the terms and conditions of the plan." Pursuant to Section 3107.C. BJ is 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.

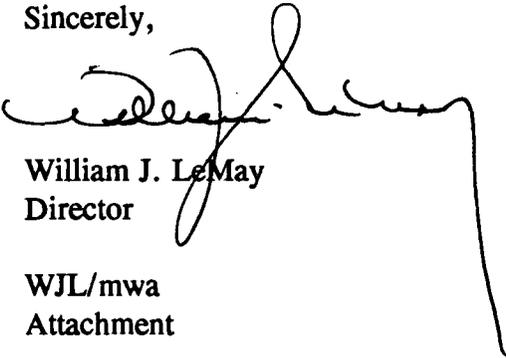
Pursuant to Section 3109.G.4., this plan is for a period of five years. This approval will expire on August 18, 2002, and BJ should submit an application in ample time before this date. Note that under Section 3106.F. of the regulations, if a discharger submits a discharge plan renewal application at least 120 days before the discharge plan expires and is in compliance with the approved plan, then the existing discharge plan will not expire until the application for renewal has been approved or disapproved. It should be noted that all discharge plan facilities will be required to submit the results of an underground drainage testing program as a requirement for discharge plan renewal.

The discharge plan renewal application for the BJ Services Company, U.S.A. Farmington Facility is subject to WQCC Regulation 3114. Every billable facility submitting a discharge plan will be assessed a fee equal to the filing fee of \$50 plus a flat fee of \$690 for oil field service companies. The OCD has received the filing fee. The flat fee is due upon receipt of this approval. The flat fee may be paid in a single payment due on the date of the discharge plan approval or in five equal installments over the expected duration of the discharge plan. Installment payments shall be remitted yearly, with the first installment due on the date of the discharge plan approval.

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

On behalf of the staff of the OCD, I wish to thank you and your staff for your cooperation during this discharge plan review.

Sincerely,



William J. LeMay
Director

WJL/mwa
Attachment

xc: OCD Aztec Office

ATTACHMENT TO THE DISCHARGE PLAN GW-097 RENEWAL
BJ SERVICES COMPANY, U.S.A.
FARMINGTON FACILITY
DISCHARGE PLAN APPROVAL CONDITIONS
(August 14, 1997)

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7. Above Ground Saddle Tanks: Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.
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13. **Spill Reporting:** All spills/releases shall be reported pursuant to OCD Rule 116 and WQCC 1203 to the OCD Aztec District Office.
14. **Transfer of Discharge Plan:** The OCD will be notified prior to any transfer of ownership, control, or possession of a facility with an approved discharge plan. A written commitment to comply with the terms and conditions of the previously approved discharge plan must be submitted by the purchaser and approved by the OCD prior to transfer.
15. **Closure:** The OCD will be notified when operations of the facility are discontinued for a period in excess of six months. Prior to closure of the facility a closure plan will be submitted for approval by the Director. Closure and waste disposal will be in accordance with the statutes, rules and regulations in effect at the time of closure.

16. **Certification:** BJ, by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. BJ further acknowledges that these conditions and requirements of this permit may be changed administratively by the Division for good cause shown as necessary to protect fresh water, human health and the environment.

Accepted:

BJ SERVICES COMPANY, U.S.A.

by _____
Title

P 288 258 957

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

AFFIDAVIT OF PUBLICATION

No. 38147

STATE OF NEW MEXICO
County of San Juan:

DENISE H. HENSON being duly sworn says: That she is the Classified Manager of THE DAILY TIMES, a daily newspaper of general circulation published in English at Farmington, said county and state, and that the hereto attached Legal Notice was published in a regular and entire issue of the said DAILY TIMES, a daily newspaper duly qualified for the purpose within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico for publication on the following day(s):

Friday, June 27, 1997;

and the cost of publication is: \$62.29.

Denise H. Henson

On 7-2-97 DENISE H. HENSON appeared before me, whom I know personally to be the person who signed the above document.

Oliver Wilson
My Commission Expires November 1, 2000

COPY OF PUBLICATION

Legals



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-097) - BJ Services Company, Jo Ann Cobb, (713) 363-7528, 5500 Northwest Central Drive, Houston, Texas, 77092, has submitted a discharge application for renewal of its previously approved discharge plan for the Farmington Facility located in the W/2 SW/4 NW/4 of Section 13 and E/2 SE/4 NE/4 of Section 14, Township 29 North, Range 13 West, NMPM, San Juan County, New Mexico. Approximately 600 gallons per day of waste water is collected in the truck wash bay and discharged into the City of Farmington Sewage Treatment System. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 25 feet with a total dissolved solids concentration of approximately 1,500 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 renewal 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 applications, 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 renewal application and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 4th day of June 1997.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
/s/William J. LeMay
WILLIAM J. LEMAY, Director

SEAL

Legal No. 38147 published in The Daily Times, Farmington, New Mexico, on Friday, June 27, 1997.

OK MJ
7-9-97



United States Department of the Interior

FISH AND WILDLIFE SERVICE

New Mexico Ecological Services Field Office
2105 Osuna NE
Albuquerque, New Mexico 87113
Phone: (505) 761-4525 Fax: (505) 761-4542

June 30, 1997

RECEIVED

JUL 2 1997

Environmental Bureau
Oil Conservation Division

William J. Lemay, Director
Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

Dear Mr. Lemay:

This responds to your agency's public notices dated June 2, 1997, and June 4, 1997, regarding the discharge plan renewal applications for the two applicants described below:

(GW-100) - Dowell Schlumberger. Mr. Robert Helbing has submitted an application for renewal of the company's approved discharge plan for their Farmington facility located in Section 14, Township 29 North, Range 13 West, San Juan County, New Mexico. Discharges will be stored in a closed-top receptacle.

(GW-097) - BJ Services Company. Ms. Jo Ann Cobb has submitted an application for renewal of the company's approved discharge plan for their Farmington facility located in Sections 13 and 14, Township 29 North, Range 13 West, San Juan County, New Mexico. Approximately 600 gallons per day of waste water from the truck wash bay will be discharged into the City of Farmington Sewage Treatment System.

The U.S. Fish and Wildlife Service (Service) heartily approves of discharge plans that utilize closed top receptacles or tanks (i.e., Discharge Plan GW -100). The installation of berms around these structures is also recommended to help prevent any contamination of the surface waters of New Mexico in the event that a tank or a receptacle is accidentally ruptured.

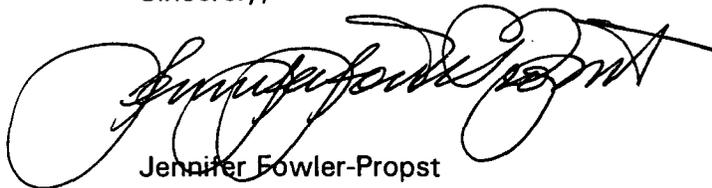
The Service also has no objection to the renewal of Discharge Plan GW-097 for discharges to the City of Farmington Sewage Treatment System.

William J. Lemay, Director

2

Thank you for the opportunity to review and comment on these discharge plan applications. If you have any questions about these comments, please contact Dennis Byrnes at (505) 761-4525.

Sincerely,



Jennifer Fowler-Propst
Field Supervisor

cc:

Director, New Mexico Department of Game and Fish, Santa Fe, New Mexico
Geographic Manager, New Mexico Ecosystems, U.S. Fish and Wildlife Service,
Albuquerque, New Mexico

Senior Resident Agent, U.S. Fish and Wildlife Service, Albuquerque, New Mexico
Migratory Bird Office, U.S. Fish and Wildlife Service, Albuquerque, New Mexico

RECEIVED

JUL 2 1997

Environmental Bureau
Oil Conservation Division

The Santa Fe New Mexican

Since 1849 We Read You

JUN 6 1997

NM OIL DIVISION
ATTN: SALLY MARTINEZ
2040 S. PACHECO ST.
SANTA FE, NM 87505

AD NUMBER: 650565

ACCOUNT: 56689

LEGAL NO: 61873

P.O. #: 96-199002997

174 LINES ONCE at \$ 69.60

Affidavits: 5.25

Tax: 4.68

Total: \$ 79.53

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-097) - BJ Services Company, Jo Ann Cobb, (713) 363-7528, 5500 Northwest Central Drive, Houston, Texas, 77092, has submitted a discharge application for renewal of its previously approved discharge plan for the Farmington Facility located in the W/2 SW/4 NW/4 of Section 13 and E/2 SE/4 NE/4 of Section 14, Township 29 North, Range 13 West, NMPM, San Juan County, New Mexico. Approximately 600 gallons per day of waste water is collected in the truck wash bay and discharged into the City of Farmington Sewage Treatment System. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 25 feet with a total dissolved solids concentration of approximately 1,500 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 renewal 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 renewal application and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 4th day of June 1997.

STATE OF NEW MEXICO
OIL CONSERVATION
DIVISION
WILLIAM J. LEMAY,
Director
Legal #61873
Pub. June 12, 1997

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 # 61873 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 12 day of JUNE 1997 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
12 day of JUNE A.D., 1997

Notary Laura J. Harding
Commission Expires 11/23/99

OK MA
6-12-97





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

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

June 9, 1997

FARMINGTON DAILY TIMES
P. O. Box 450
Farmington, New Mexico 87401

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 16, 1997.

Sincerely,

Sally E. Martinez
Sally E. Martinez
Administrative Secretary

Attachment

PS Form 3800, April 1995

US Postal Service	
Receipt for Certified Mail	
No Insurance Coverage Provided.	
Do not use for International Mail (See reverse)	
Sent to	
Farmington Daily Times	
P.O. Box 450	
Post Office, State & Zip Code	
Farmington, NM 87401	
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	

P 329 631 510



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

June 9 _____, 1997

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 Thursday, June 12, 1997.

Sincerely,

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:

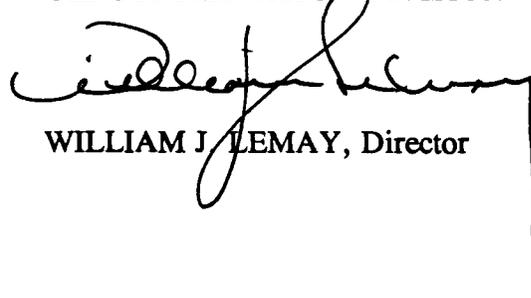
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Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan renewal application may be viewed 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 applications, 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 renewal application and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 4th day of June 1997.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY, Director

SEAL

NOTICE OF PUBLICATION

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

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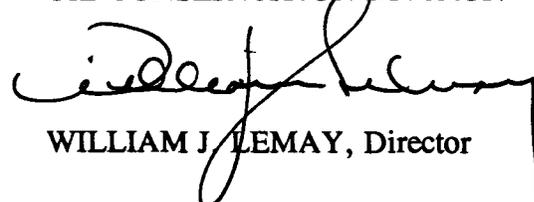
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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 4th day of June 1997.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


WILLIAM J. LEMAY, Director

SEAL

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 3/25/97

or cash received on _____ in the amount of \$ 50.00

from B.J. Services

for Farmington GW-097

Submitted by: _____ Date: _____

Submitted to ASD by: R. Chandler Date: 5-23-97

Received in ASD by: _____ Date: _____

Filing Fee X New Facility _____ Renewal _____
Modification _____ Other _____

Organization Code 521.07 Applicable FY 97

To be deposited in the Water Quality Management Fund.

Full Payment _____ or Annual Increment _____

BJ B.J. SERVICES COMPANY
P.O. BOX 4442
HOUSTON, TX 77210
713-462-4239

The Chase Manhattan Bank, N.A.
Syracuse, New York

VENDOR NO. 142197 CHECK NO. [redacted] 50-937 213

CHECK DATE	CHECK AMOUNT
03/25/97	*****50.00

PAY FIFTY AND 00/100 *****

NMED-WATER QUALITY MGMT.
ENERGY, MINERALS & NATURAL
RESOURCES DEPT.
OIL CONSERVATION DIV.
2040 S. PACHECO
SANTA FE, NM 87505

[Signature]
VOID AFTER 90 DAYS
AS AN AUTHORIZED SIGNER OF B.J. SERVICES COMPANY, U.S.A.

**BJ SERVICES COMPANY**P.O. BOX 4442
HOUSTON, TX 77210
713-462-4239

VFRANCIS

Stub 1 of 1

Check Date - 03/25/97
Check No. - [REDACTED]
Vendor No. - 142197

INVOICE NO.	DATE	DESCRIPTION	GROSS	DEDUCTIONS	AMOUNT PAID
-------------	------	-------------	-------	------------	-------------

031897

03/18

50.00

50.00

RECEIVED**MAY 14 1997**Environmental Bureau
Oil Conservation Division

District I - (505) 393-6161
O. Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1263
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)

RECEIVED

MAY 14 1997

New Renewal Modification

1. Type: Oilfield Service Facility Environmental Bureau
Oil Conservation Division
2. Operator: BJ Services Company, USA
Address: 3250 Southside River Rd.

Contact Person: Jack Harliss Phone: (505) 327-6222

3. Location: W1/2 SW1 NW1 13
E1/2 SE1 /4 NE1 /4 Section 14 Township 29 North Range 13 West
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: 5-6-97

**BJ Services Company U.S.A.
Discharge Plan - Farmington New Mexico**

I. Type of Operation

BJ Services Co. U.S.A. provides oilfield services, including cementing, acidizing, and fracturing services at oil and gas well sites.

II Operator

BJ Services Co. U.S.A.
3250 Southside River Road
Farmington, New Mexico 87401
(505) 327-6222
Contact: Jack Harliss

RECEIVED

MAY 14 1997

Environmental Bureau
Oil Conservation Division

III Location

W1/2 SW1/4 NW1/4 Sec 13 & E1/2 SE1/4 NE1/4 Sec 14
Township 29 North
Range 13 West
NMPM
San Juan County
Farmington, New Mexico

IV. Landowner of Facility Site

BJ Services Company
5500 Northwest Central Drive
Houston, Texas 77092
Contact: Ms. Jo Ann Cobb, R.E.M.

V. Facility Description

See Attachment 1, Site Plan

VI. Materials Stored or Used at the Facility

Material	Constituents (includes additives)	Form	Type of Container	Estimated Volume Stored	Location
Acids	Hydrochloric	Liquid	Tank	10154 gal	Yard
	Sulfamic Acid	Solid	Sacks	725 lbs	Warehouse
	Formic Acid	Liquid	Drum	255 gal	Warehouse
	Acetic Acid	Liquid	Drum	348 gal	Warehouse
	Benzoic Acid	Solid	Sacks	200 lbs	Warehouse
Truck Cleaner	Detergent	Liquid	Drum	110 gal	Wash Bay
Parts Cleaner	Safety-Kleen Solvent	Liquid	Drum	90 gal	Shop
Paraffin Treatment Emulsion Breakers, Surfactants, Crosslinkers	Various products serve this function	Liquid	Drum	6433 gal	Warehouse
Salts, Dispersants Retarders	Various products serve this function	Solid	Sacks	124017 lbs	Warehouse
Biocides	Xcide-207	Solid	Sacks	1234 lbs	Warehouse
Others	Sand	Solid	Silos	1387 ton	Yard
	Fly Ash	Solid	Silos	776 sacks	Yard
	Gellants	Solid	Silos	18150 lbs	Yard
	Cement	Solid	Silos	4128 sacks	Yard
	Nitrogen	Liquid	tanks, transports	38304 gal	Yard
Lubricants	Oil	Liquid	Drums	2520 gal	Shop

VII. Sources of Effluent and Waste Solids

Waste Stream	Source	Composition	Estimated Volume
Truck Wash	wash bay	water, detergent inert solids oil	20,000 gal/month 16 yd ³ /month 4.5 gal/month
Junk cement	offsite well servicing	off-spec cement	375sacks/month
Used oil	truck maintenance in shop	lubricants	300 gal/month
Spent solvents	parts cleaning in shop	non-halogenated solvents	15 gal/month
Tires	tire changing in shop	tires	13/month
Batteries	battery changing in shop	lead/acid batteries	5/month
Empty drums	use of products in oil well servicing	steel/plastic drums	92/month
General trash	operations at facility	paper, cardboard, plastic trash	107yd ³ /month
Sanitary wastewater	employees at facility	water from restrooms	8,500 gal/month
Used filters	truck maintenance in shop	metal and fiber	60/month
Fuel island runoff	rain and cleaning	water, hydrocarbons	400 gal/month
Antifreeze	truck maintenance in shop	ethylene glycol, water	33 gal/month
Metal scrap	truck maintenance, well servicing	steel, brass, copper, aluminum	7,970 lbs/month
Acid dock wastewater	rain, spillage at dock	water	1890 gal/month
Old/off-spec material	products contaminated or over shelf life	liquid/solid well servicing products	1 drum/month

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

Waste Stream	On-site Handling	Disposal
Truck wash-	water	POTW Envirotech Inc.5796 U.S. Highway 64, Farmington NM Recycled by D&D Oil, P.O. Box 670 Bloomfield NM
	solids	
	oil	separated and stored in AST
Junk cement	stored in bin	Used by various people
Used oil	stored in AST	Recycled by D&D Oil
Spent solvents	stored in drums at shop	Recycled by Safety- Kleen Corp. 4200 A Hawkins Rd. Farmington N.M.
Tires	stored at shop	Waste Management of Four Corners 101 Spruce, Farmington N.M.
Batteries	stored at shop	Recycled by Interstate Battery 615 Mountain NW, Albuquerque N.M.
Empty Drums	stored in drum storage area at north end of facility	Recycled by West Texas Drum 11107 County Rd. 127 W., Odessa TX.
General trash	stored in dumpsters	Waste Management of Four Corners
Shop Absorbents	stored in special dumpster in shop	Waste Management of Four Corners
Sanitary Wastewater	discharged	POTW
Used filters	crushed,oil goes to used oil AST and filters to special dumpster	Waste Management of Four Corners
Fuel Island runoff	stored in UST	Cycled through wash bay separator

Antifreeze	stored at shop	Recycled and reused on site
Metal scrap	drummed	Recycled by Farmington Iron & Metal 4805 Herrera Rd. Farmington, NM
Acid dock waste water	stored in UST	Used as make-up water
Old/off-spec material	stored in drums	Ashland Chemical 3101 Wood Drive, Garland TX.

IX. Proposed Modifications

All UST will be removed in early 1998

X. Inspection and Maintenance

See Attachment 2, Safety and Environmental Inspection Checklists

XI. Contingency Plan

See Attachment 3, Facility Emergency Response Contingency Plan

XII. Site Characteristics

Bodies of Water: The Animas River is approximately 1 mile northwest of the property line. The San Juan River is approximately 1.5 miles south of the facility.

Groundwater: is at approximately 25 feet. The water is fresh with a field tested conductivity of 2,000 to 3,400 uS/cm. The estimated TDS (total dissolved solids) is 1,500 to 2,500 ppm. Field tested pH is 6.6 to 7.3

Arroyos: None

Flooding Potential: Only a very heavy rain storm could cause any significant flooding due to run-off. In the event of heavy run-off, none of the underground storage tanks would be threatened. There is a berm and ditch on the east side of the property to control run-off from neighboring property. On the west property line there is a drainage channel to control run-off from the property.

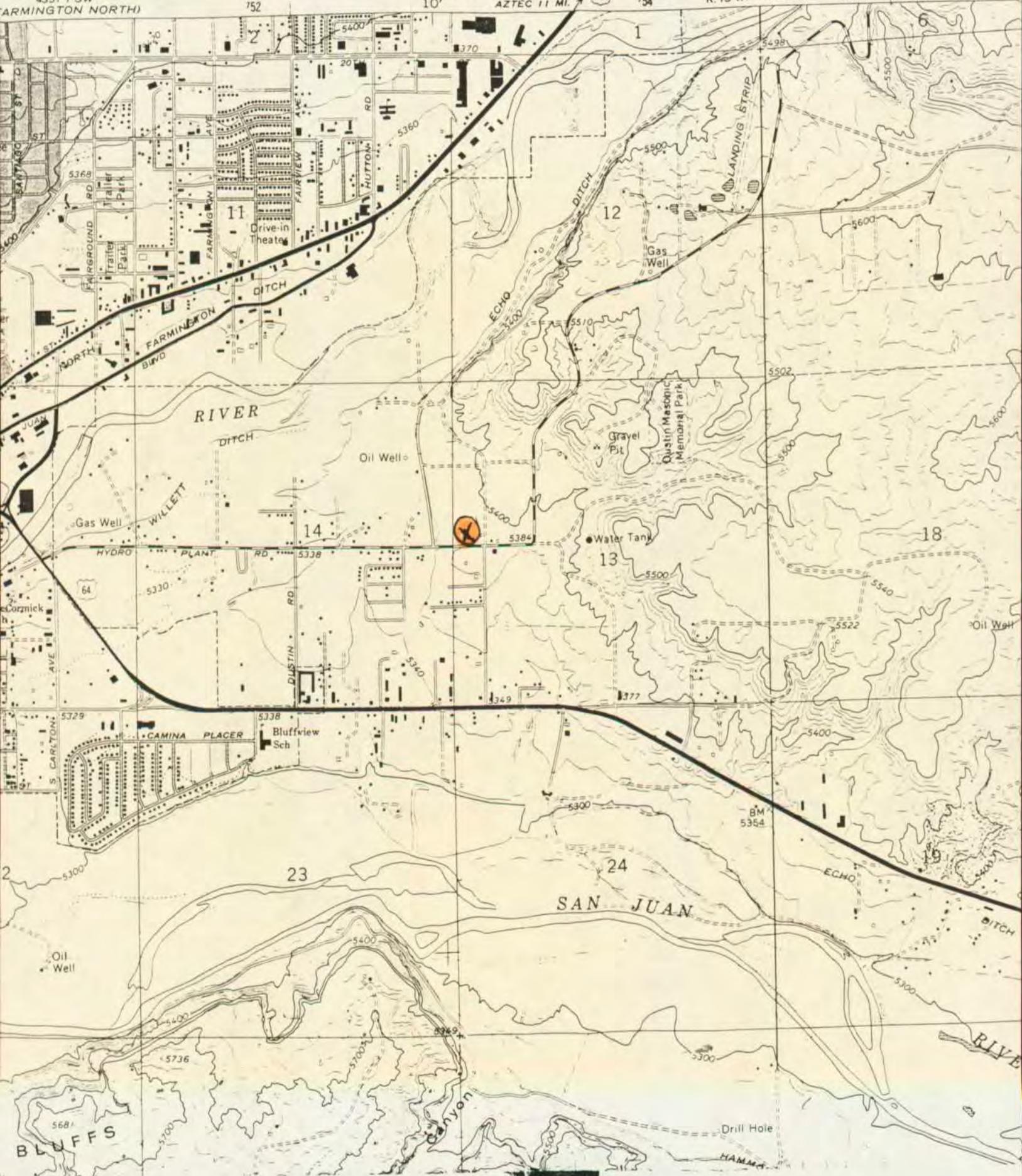
ATTACHMENT 1
SITE PLANS

FARMINGTON SOUTH
NEW MEXICO - SAN
7.5 MINUTE SERIES (TO

4357 1 SW
FARMINGTON NORTH)

DURANGO, COLO. 47 MI.
AZTEC 11 MI.

10' 550 754 R. 13 W R. 12 W. 755 410 000 FEET



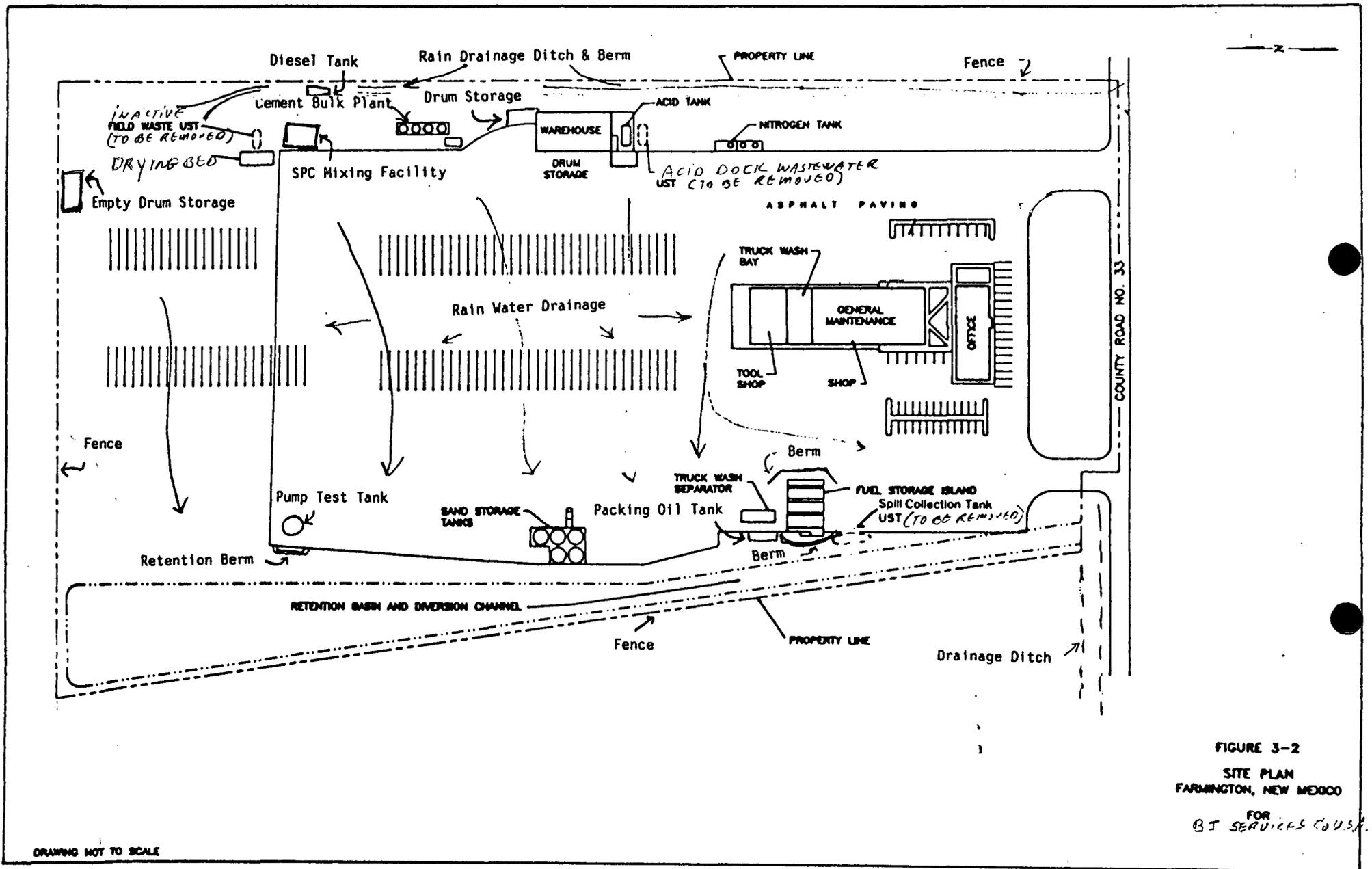


FIGURE 3-2
 SITE PLAN
 FARMINGTON, NEW MEXICO
 FOR
 BT SERVICES CO. USA.

DRAWING NOT TO SCALE

ATTACHMENT 1
SITE PLANS

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 All areas	_____ _____
K. Safety bulletin board	Office, change room	_____
L. Emergency plan for fire, injury or chemical spill	Facility	_____
M. Safety equipment for visitors or vendors	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 _____

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 _____

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 _____

6. LOCKER ROOM

A. Housekeeping and appearance	_____
B. Ventilation	_____
C. Shower and sinks	_____
D. Toilets	_____
E. Lockers	_____
F. Water fountains	_____
	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 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 PLAN



**FARMINGTON
DISTRICT**

EMPLOYEE EMERGENCY RESPONSE PLAN

&

FIRE PREVENTION PLAN



Location:
Farmington
3250 Southside River Road
Farmington, NM 87401
Phone: (505) 327-6222 Fax: (505) 327-5766

Employee Emergency Plan

Emergency Phone Numbers:

All Emergencies:	911
Fire Department:	911 non emergency 334-6622
Ambulance Service:	911 non emergency 334-6622
Hospital Emergency Room	911 non emergency 325-5011
Poison Control	1-800-432-6866
Chemtrec	1-800-424-9300
Police Department	911 non emergency 334-6622
Sheriff's Department	911 non emergency 334-6622
Occupational Safety Health	New Mexico Environmental Dept. Occupational Health & Safety Bureau (505) 827-4230
Environmental Emergency	1-713-363-7528 - Jo Ann Cobb
Region Safety Manager	Ron Kuhlemeier (307) 382- 3484 Cellular (307) 350-7561
Corporate Safety Dept.	1-281-363-7508 AFTER HRS/ WEEKEND/ MAJOR EMERGENCY (281)351-8131



**FARMINGTON DISTRICT
MANAGEMENT
NUMBERS**

TITLE/Name	PAGER	HOME	MOBILE
District Manager Jack Harless	-----	564-3239	330-0000
District Operations Supervisor Mark Knight	599-7685	325-7378	330-0001
District Facilities Manager Les Baugh	-----	327-5844	330-0002
District Maintenance Supervisor Duane McCoy	-----	327-6532	330-0003
District Training/Safety Supervisor Robert Rogers	599-7095	-----	330-0029
District Engineer Mike McNeese	326-8918	564-2901	330-0008
District Sales Manager Larry Lewis	599-7875	325-0883	330-0005



FARMINGTON DISTRICT TELEPHONE EXTENTION NUMBERS

NUMBER	NAME		
10	Dispatch office	26	Lab
11	Stacey Nance	27	Tresa Holgate
12	Conference Room	28	E O Lounge
13	Phone administration	29	<i>Robert Rogers</i>
14	Billy Ferrell	30	Mike Rose
15	Mike McNeese	31	Training room
16	Jack Harless	32	Duane McCoy
17	2nd Phone District Managers office	33	Parts Counter
18	Larry Lewis	34	Mechanics break room
19	Scott Lindsey	35	Shop wall
20	Jeff Patton	36	Parts Office
21	Mike Logan	37	Electronic tech
22	<i>Loren Diede</i>	38	Iron Bay
23	Les Baugh	39	Chemical Shed
24	Mark Knight		
25	David Shepard		

As of March 1997

**EMPLOYEE EMERGENCY PLAN
AND
FIRE PREVENTION PLAN**

1. Emergency Action Plan

1.1 Emergency escape procedures and emergency escape route assignments:

1.1.1 In case of an emergency, 911 will be dialed immediately by the first employee who can identify the emergency and access a telephone. Give the 911 operator the location and nature of the emergency.

1.1.2 Notify all employees of the emergency by intercom/public address.

1.1.3 Emergency notification will cause all normal activities to cease and immediate emergency evacuation activities to begin.

1.1.4 Emergency escape routes are pre-determined and posted prominently throughout the facility. Appendix A displays emergency escape routes and assembly areas.

1.2 Procedures for employees who must remain to operate critical operations before they can evacuate the facility:

1.2.1 Employees involved in critical operations will assess the danger posed at their work stations and shut down operations prior to their safety being jeopardized.

- 1.2.2 Personal safety is primary in all emergency evacuation activities. Employees should not extend operations to a point where the employee or others are exposed to any unnecessary danger.
- 1.2.3 After shutdown of critical operations employees will evacuate to their designated assembly area.
- 1.3 Procedures to account for all employees following the evacuation:
 - 1.3.1 The facility manager or senior supervisor at the assembly area will make a list of names of all employees at the facility.
 - 1.3.2 Names of employees gathered at the assembly area will be checked off the list.
 - 1.3.3 The whereabouts of employees not checked off the list will be noted on the list. Employees known to be away from the facility (vacation, sick leave, etc.) will be checked off the list.
 - 1.3.4 Names of employees who are unaccounted for will be circled or highlighted and a note made of their work station or last known location.
 - 1.3.5 Names and possible locations of employees who are not accounted for will be given to the person in charge of the Rescue Unit first responding to the emergency.
- 1.4 Procedures for employees who are involved with rescue and medical duties:
 - 1.4.1 Rescue and medical duties will be performed by non-employee

personnel who respond to the 911 emergency call.

1.4.2 Employees should remain in the assembly area and not interfere with the activities of rescue and medical personnel.

1.4.3 The facility manager or senior supervisor will act as liaison with rescue and medical personnel.

1.5 Means of reporting fires and other types of emergencies:

1.5.1 The first means of reporting fires and emergencies is to dial 911.

1.5.2 The second means of reporting a fire or emergency is to dial directly to the Fire Department/Police Department Emergency Dispatcher.

1.6 Names or job titles of persons who can be contacted about the emergency plan:

1.6.1 Manager

1.6.2 Area Safety Manager

1.6.3 Field Safety Manager

1.6.4 Safety Department

2. Fire Prevention Plan

2.1 Potential fire hazards and proper procedures for handling and storing them, potential ignition sources and procedures for controlling them, and the type of fire protection equipment or systems that can control a fire involving

them:

- 2.1.1 Potential fire hazards, handling and storing are described in Appendix B.
- 2.1.2 Potential ignition sources and control of them are described in Appendix C.
- 2.1.3 Types of fire protection equipment are described in Appendix D.
- 2.2 Names or regular job titles of those responsible for maintaining equipment and systems installed to prevent or control ignition of fires:
 - 2.2.1 Manager
 - 2.2.2 Maintenance Supervisor
- 2.3 Names or regular job titles of those responsible for the control of fuel source hazards and flammable or combustible waste materials:
 - 2.3.1 Manager
 - 2.3.2 Maintenance Supervisor
- 2.4 Housekeeping procedures to control accumulations of flammable and combustible waste materials and residues so that they do not contribute to a fire emergency:
 - 2.4.1 Flammable and combustible waste will be deposited in non-combustible receptacles, having self-closing covers that are provided for this purpose.
 - 2.4.2 Flammable and combustible waste will be removed daily from

work areas and kept in a non-combustible container for collection and disposal according to applicable federal, state (provincial) and local laws.

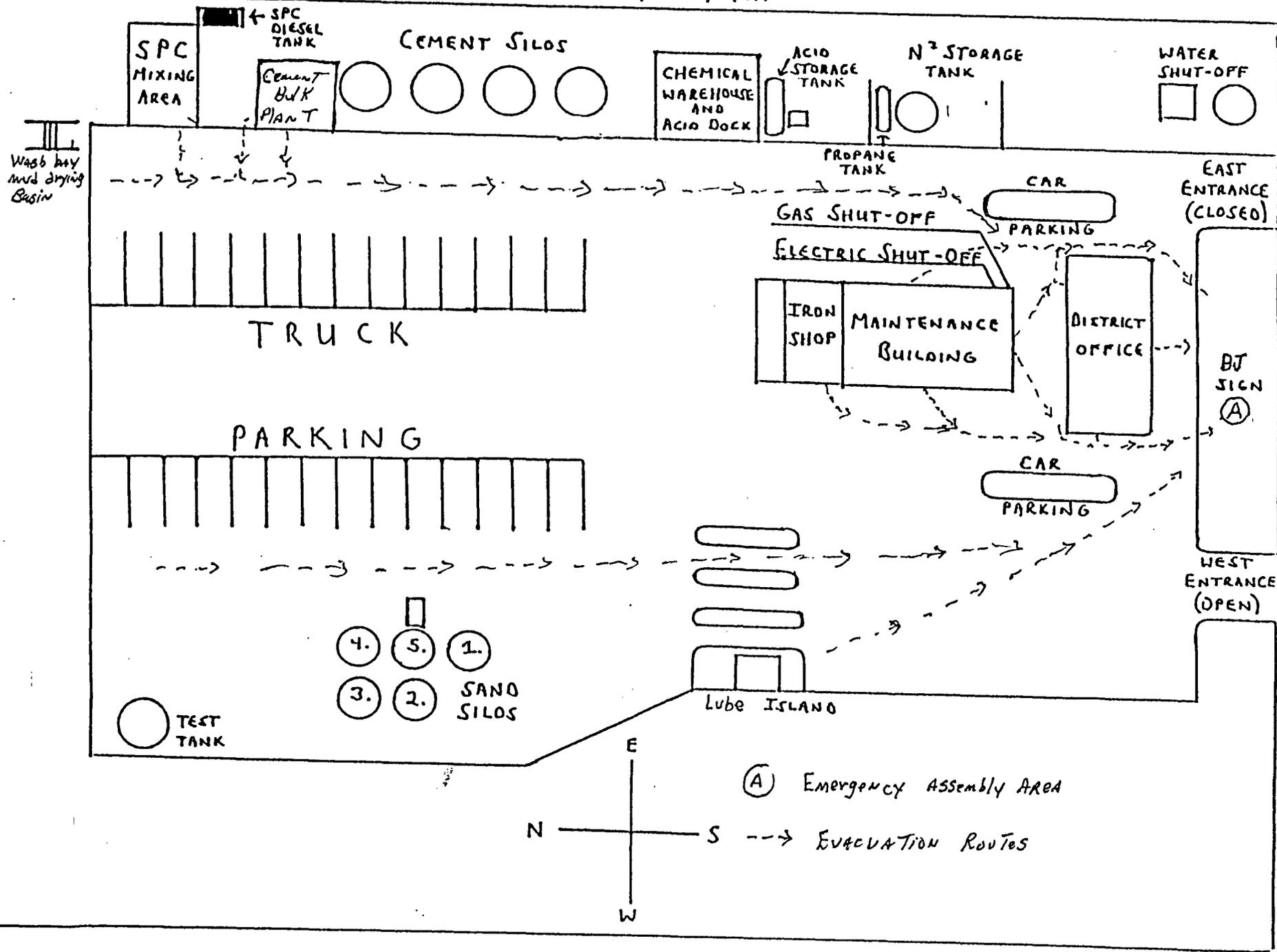
2.5 Training:

2.5.1 Each employee will be apprised of the fire hazards of the materials and processes to which the employee is exposed.

2.5.2 Each employee will be apprised of the emergency evacuation plan and the fire prevention plan upon initial assignment in order to protect the employee in an emergency.

*3.1 Preliminary Spill Reporting Instructions are contained in Appendix E
See Environmental Management Guide Book For Specific State & Federal Requirements*

FARMINGTON FACILITY MAP

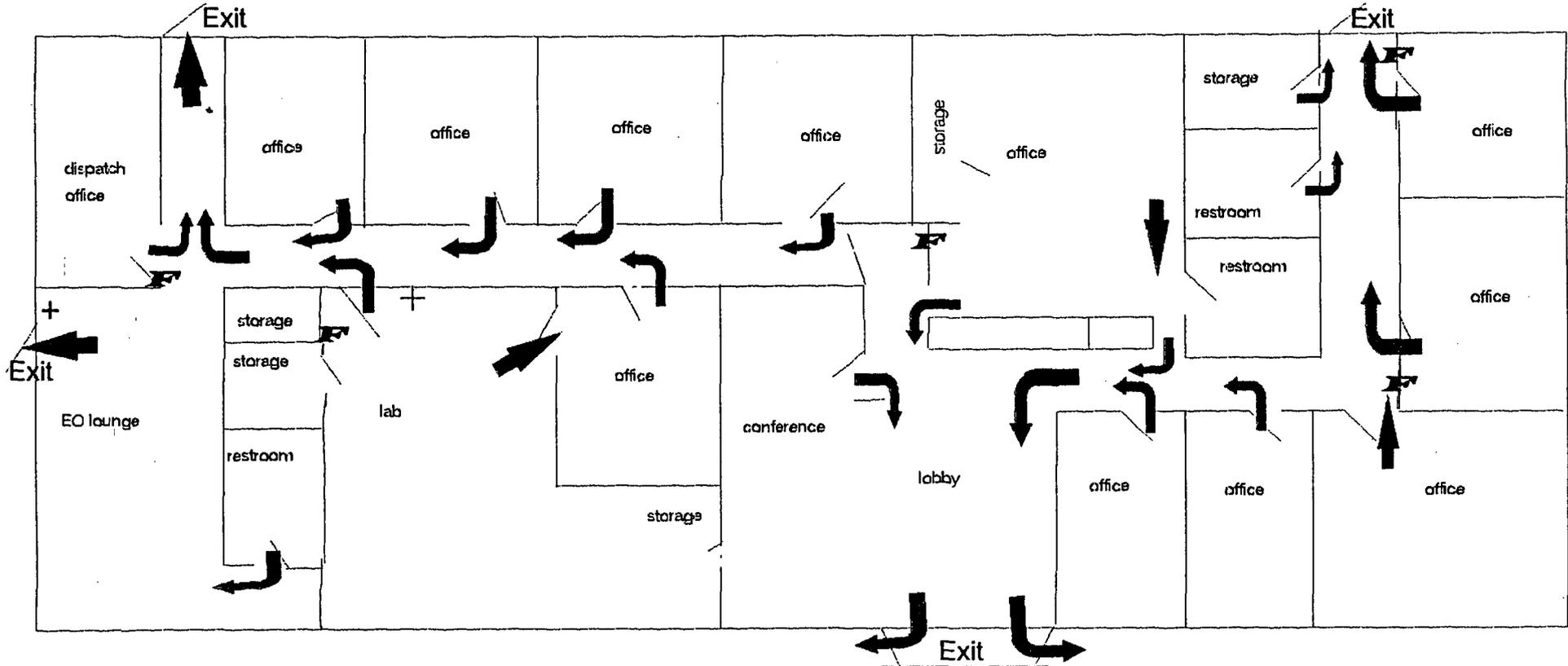


↑ SOUTH-SIDE RIVER ROAD

↓ SOUTH-SIDE RIVER ROAD

Appendix A

Escape Routes Main Office



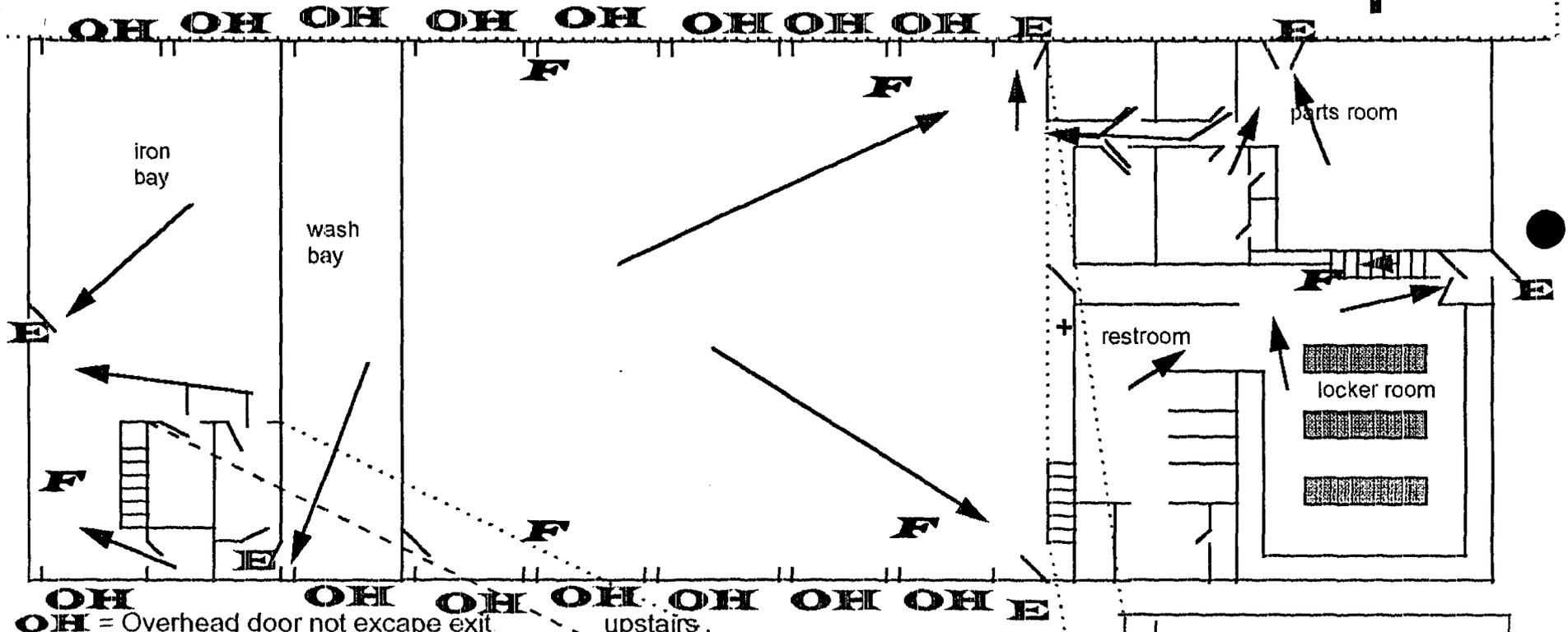
☒ = fire extinguisher
 + = first aid kit

In case of emergency call 911
 then alert others by:
 Using the speaker page & intercom
 and announcing the emergency to
 each person at the facility



☐ upon evacuation meet here

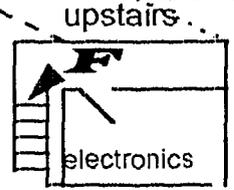
Evacuation Plan Shop



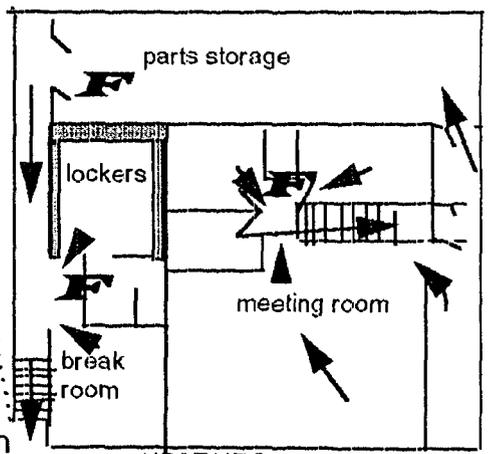
OH = Overhead door not escape exit

- E** = Emergency exit
- F** = fire extinguisher
- +** = first aid kit

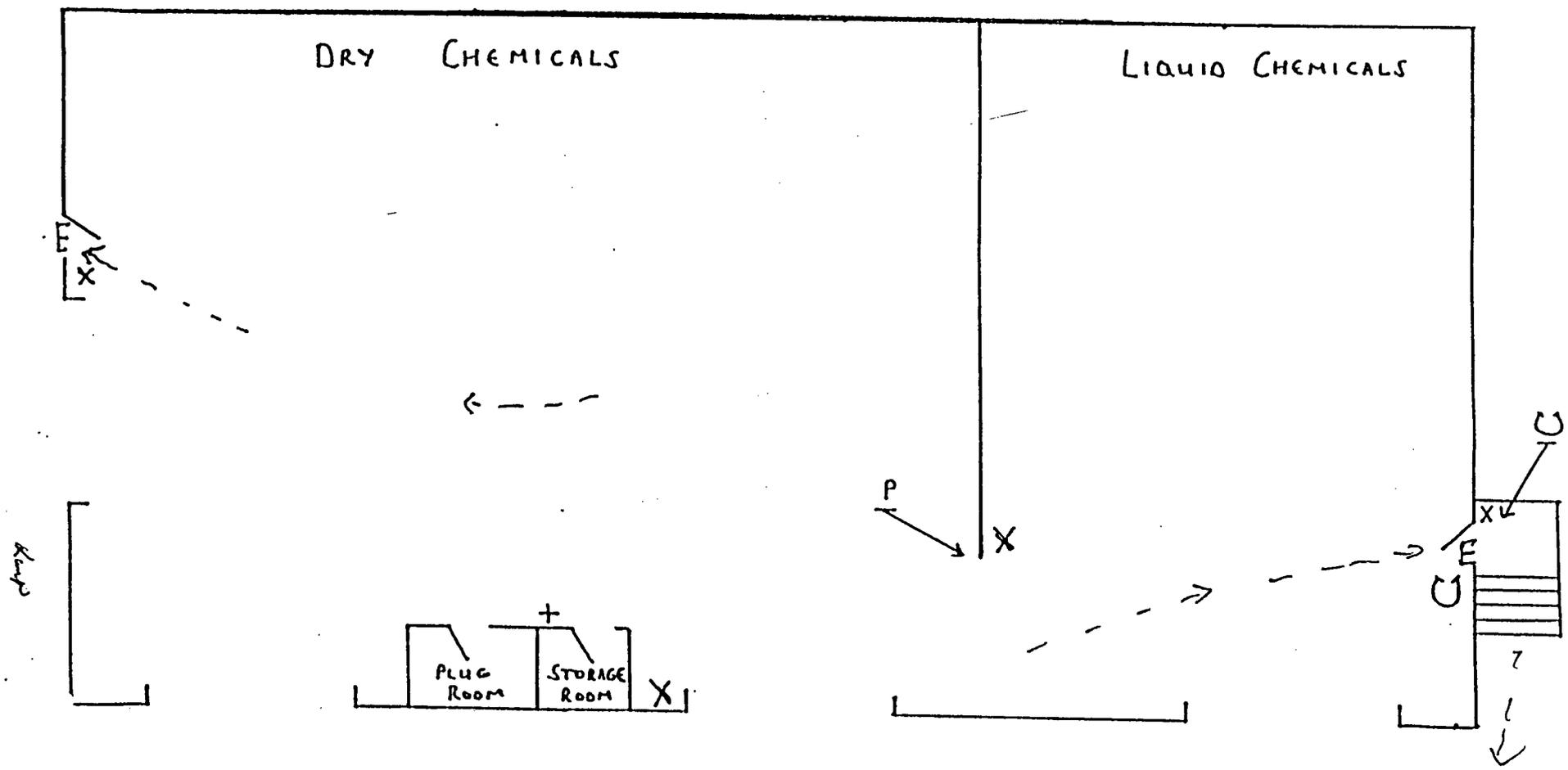
In case of emergency call 911
 then alert others by:
 Using the speaker page & intercom
 and announcing the emergency to
 to each person at the facility



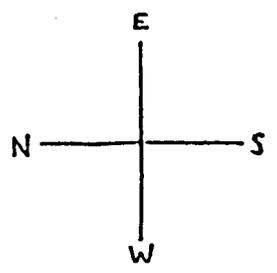
meet here upon evacuation



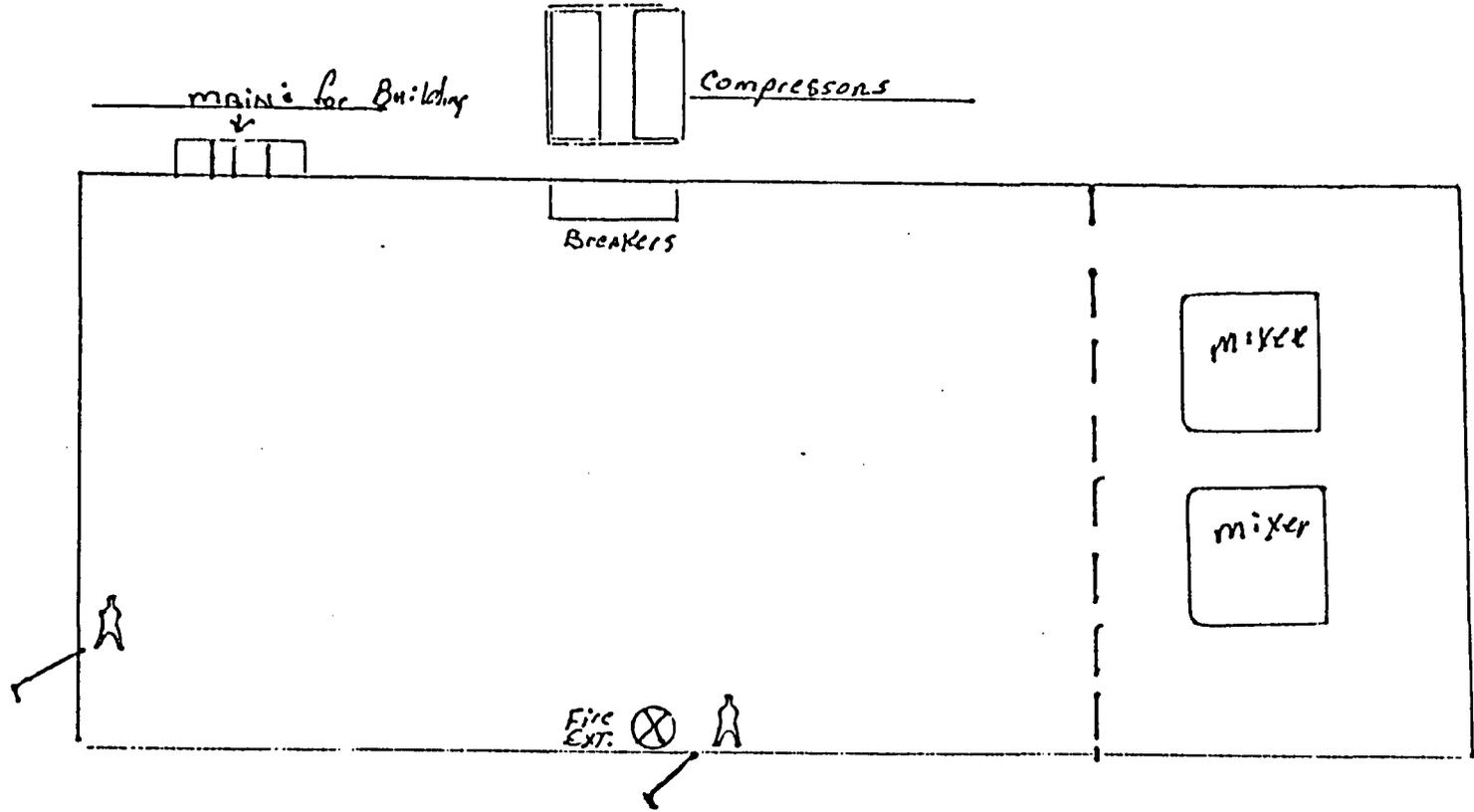
CHEMICAL WAREHOUSE



- LEGEND :
- X = FIRE EXTINGUISHER
 - + = FIRST AID KIT
 - U = EYE WASH + SHOWER
 - P = PHONE + EMERGENCY NUMBERS
 - E = ESCAPE EXITS

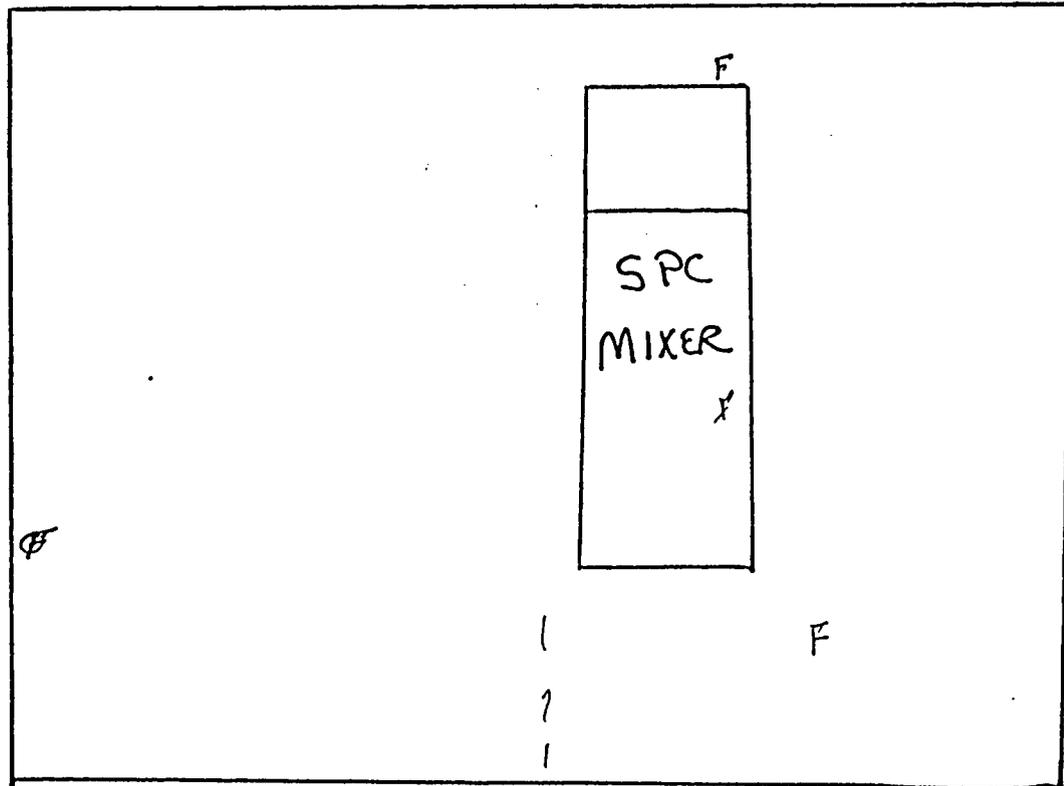


Cement Bulk Plant.



SPC SHED

Diesel Tank



---> Evacuation Plan
F Fire Extinguisher

EVACUATION PROCEDURE FOR THE FARMINGTON DISTRICT

In the event that any emergency makes it necessary to evacuate a specific work area or the entire premises, the following guidelines should be followed in addition to those already set forth on the preceding page. As you are evacuating an area and if it is safe to do so:

Shop Area, Iron Shop & Wash Bay:

Turn off all operating equipment such as diesel, gasoline or electric motors & engines, welders-gas & electric, grinders, saws, parts washers, sprayers, compressors and anything else that might be or become a hazard if left unattended.

Lube Island:

Turn off all operating equipment such as diesel, gasoline or electric motors & engines, fuel and oil dispensers and anything else that might be or become a hazard if left unattended.

Sand Plant & Test Tank Area:

Turn off all operating equipment such as diesel, gasoline or electric motors & engines, tank discharge valves and anything else that might be or become a hazard if left unattended.

SPC, Chemical Warehouse, Acid, Nitrogen & Propane Docks:

Turn off all operating equipment such as diesel, gasoline, electric or propane motors & engines, tank discharge valves and anything else that might be or become a hazard if left unattended.

Front Office, Lab, Training & Locker Room Areas:

Turn off anything that might be or become a hazard if left unattended.

ALL AREAS

EVACUATE USING THE SAFEST AND MOST DIRECT ROUTE POSSIBLE!!!!!!

ENERGY LOCKOUT SYSTEMS

1. In case any electrical box on Western premises needs to be turned off for maintenance, or any other reason, the dispatcher will be notified. He will then notify all personnel that the entire electrical system is out of service. The Maintenance Supervisor, and the Facility Supervisor will have lockout devices, tags, and locks which will be used to fail safe the electrical boxes. Each employee using a lockout device will be issued his own lock for the device. "No one" will ever attempt to remove any lock or tag, other than his own. As an additional precaution, the fuse should be removed. When all work has been completed, the dispatcher will be notified and he will announce an all clear signal to all on the facilities.
2. In case of a fire, both main breakers (one at the maintenance building and another at the SPC and new Bulk Plant) will be shut off so that there will be no accident when fighting the fire with water.
3. In case of a fire being fueled by natural gas both master shut off valves will be shut down.
4. In case of a major fire, both electrical and natural gas systems will be turned off in order to reduce the risk of a more serious incident.
5. In any emergency, the main electrical switch at both areas, and the main gas valves, will not be put back into service until all areas have been inspected and an all clear signal has been given.
6. Gas and electricity shut off points are at the Southeast corner of the Maintenance building. The red valve is the gas and the yellow arrow on the electric box points to the main breaker for all electrical power. At the Northeast corner of the new bulk plant is the second point of the gas shut off. The breaker is at the Southeast corner of the new SPC building, this will shut down everything on the facility by shutting down both areas.
7. Main water shut off is located at the Southeast corner of the facilities in a concrete lined pit with a metal cover.

LOCATION:

FARMINGTON

APPENDIX B

**POTENTIAL FIRE HAZARDS
HANDLING AND STORAGE**

POTENTIAL FIRE HAZARD	HANDLING PROCEDURES	STORAGE PROCEDURES
Paint + Thinners in Shop + Iron Bay	paint not to be used around Hesters	Keep paint + Thinners in Flammable materials lockers
Fumes From charging Batteries.	Charge only in designated area, Keep Sparks Away ~ Keep away From Smoking + welding	All Batteries To be stored in one area + stored off The Floor
Testing crude oils in lab	Tests with oils will be done in the exhaust hood	Crude oils stored in closed containers + disposed of immediately after testing

LOCATION:

FARMINGTON

APPENDIX C

POTENTIAL IGNITION SOURCES
AND
CONTROL PROCEDURES

POTENTIAL IGNITION SOURCES	CONTROL PROCEDURES
<p>Pilot lights on water Heaters & Furnaces</p> <p>pilot light on water heater</p>	<p>No Flammables or combustible materials to be stored in cabinets containing water Heaters or Furnaces</p> <p>No flammable liquids kept open in shop</p> <p>Ether-starting fluid to be used outside only</p>

LOCATION:

FARMINGTON

APPENDIX D

**TYPES OF FIRE PROTECTION
EQUIPMENT**

AREA PROTECTED	TYPE OF FIRE PROTECTION EQUIPMENT	NUMBER OF UNITS
Lab	20lb ABC Fire Extinguisher 5lb ABC Fire Extinguisher	4 1
Front office	5lb ABC Fire Extinguisher	1
Locker Room	20lb ABC Fire Extinguisher	1
Trainers Room	20lb ABC Fire Extinguisher	1
Main Tenance Shop	20lb ABC Fire Extinguisher	4
Mechanic Break Room/Storage	10lb ABC Fire Extinguisher	2
Iron Bay/Electronic	20lb ABC Fire Extinguisher	2
Chemical warehouse	20lb ABC Fire Extinguisher	3
Cement Bulk Plant	20lb ABC Fire Extinguisher	2
SPC Mixing unit	20lb ABC Fire Extinguisher 10lb ABC Fire Extinguisher	3 1

Appendix E



**SPILL
REPORTING
GUIDE**

HOW TO USE THIS SECTION

WHEN A SPILL OCCURS

NOTIFY: Jo Ann Cobb at (713) 363-7528, Roy D. Lee at (713) 363-7521 or David Burkett at (713) 362-4421 as soon as possible.

BJ SERVICES SPILL REPORT: Completion of this report on the scene of the spill will provide information needed for federal and most state reports. It is designed to make subsequent reporting easier. Fill it out as completely as possible. Send the completed report to:

BJ Services Company, USA
8701 New Trails Drive
The Woodlands, Texas 77381
Attention: Jo Ann Cobb

WHAT SPILLS MUST BE REPORTED

Hazardous Substance: Any product which has a reportable quantity. The reportable quantity (RQ) can be found in the BJ Services Guide to DOT Hazardous Materials. This list is included in the Environmental Management Guide behind the tab marked Guide to DOT Hazardous Materials.

Hazardous Material: Any product described with a DOT hazard classification on the BJ Services Guide to DOT Hazardous Materials. This list is included in the Environmental Management Guide behind the tab marked Guide to DOT Hazardous Materials.

WHO MUST BE NOTIFIED

FEDERAL: Any spill equal to or exceeding the reportable quantity (RQ) for that substance must be reported at the federal level. A verbal report should be made immediately. A written report, if required, is due within 15 days. The form and phone number are included in the federal section.

STATE: Each state has different requirements. Refer to the state in which the spill occurred. State forms, if needed, are included.

**SARA
TITLE III:** Each state has an Emergency Response Commission that was created under the Community Right to Know Act of 1986. Only the state Commission is listed. Local commissions can be obtained by calling the state.

TIMELINESS OF REPORTING A SPILL

If the reporting requirement does not refer to a specific time frame (e.g., 24-hours), the reporting requirement is **IMMEDIATE!**

BJ SERVICES SPILL REPORT

Notify Jo Ann Cobb of spill at (713) 363-7528

INCIDENT:

Date of spill: _____ Time: _____ am/pm

Location of spill: _____ / _____ / _____
city county state

address, highway # or landmarks (specific as possible)

Water reached by spill? _____
Name of stream etc.

Source of spill: _____

Weather conditions at spill: _____

Material(s) spilled: _____

Amount Spilled: _____

Action taken to stop spill: _____

Duration of spill: _____

Injuries? _____ If yes, name of injured person and extent of injuries _____

CLEANUP:

Method: _____ Effectiveness: _____

Ultimate disposition of spilled material: _____

BJ SERVICES SPILL REPORT

CONTACTS:

Person reporting spill:

Name: _____

District _____ Address _____ Telephone # _____

BJ Services:

Person Contacted: _____

Date & Time: _____

State: _____

Agency contacted: _____

Person contacted: _____

Telephone No: _____

Date & Time: _____

Federal:

National Response Center Contacted? _____

Y/N

Person contacted: _____

Date & Time: _____

COMMENTS:

Send this form to: Jo Ann Cobb

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

CONTINGENCY/EMERGENCY RESPONSE PLAN

This Emergency Response 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.

In the event of an emergency, all employees will proceed to The Western Company's sign on the front lawn in a safe and orderly fashion. At this time a head count will be taken by the Team Coordinators to determine if any employee is missing. The Dispatcher will notify all Team Leaders of employees that may be on jobs or days off. Two Team Coordinators and two Team Leaders will make a sweep of the facility by means of the Buddy System to locate any missing persons or vendors that may be on the yard.

1. Chemical Spill/Release Reporting and Containment

EmTech Environmental Services, Inc. - 1-800/336-0909

This is a 24 hour emergency response service for spills/releases that is contracted to assist Western with any emergencies. Every District has been provided with this information to assist them in handling emergencies. This company has been provided a site plan, MSDSs for chemicals handled at each District and the contact people at each District.

Emergency Telephone Numbers

- A. Emergency Number - 911
- B. Electrical Utility - 505/327-7701
- C. Gas Utility - 505/325-2889
- D. Water Utility - 505/327-7701
- E. Telephone - 1-555-1653
- F. Poison Control Center - 1-800/432-6866
- G. District Manager - 505/334-8697

Equipment for Containment

- A. Foutz & Bursom Co. - 325-3712
After hours:
 - Greg Swapp - 632-9569
 - Larry Sanders - 334-2348
 - Steve Foutz - 334-2656

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.

Names of team members:

~~DON KING, DISTRICT MANAGER~~ Jack Harless
#215 CR 3050 505.564.3239
* ~~AZTEC, NM 87410,~~
~~505/334/8697~~

MARK KNIGHT, OPERATION SUPERVISOR
803 CR 3000
FARMINGTON, NM 87401
505/325-7378

Duane McCoy, Maintenance Supervisor
1221 Camina Flora
Farmington, NM 87401
505/327-6532

Les Baugh, Facilities Supervisor
4509 Celtic
Farmington, NM 87401
505/327-5844

Les Baugh, Environmental Coordinator
4509 Celtic
Farmington, NM 87401
505/327-5844

TEAM COORDINATORS TEAM LEADERS

JACK Harless ~~XXXXXXXXXX~~
Duane McCoy
Les Baugh

Jay Savage
MARK KNIGHT Mike Rose
~~Duane McCoy~~

TEAMS

ALL DISTRICT EMPLOYEES

Teams will be set up to handle any type situation that may require removal of equipment or a spill on the facility. At NO time will a team or teams be ordered into an area that is unsafe.

The "All Clear" signal to re-enter areas will come from Western management. The Team members will assign their standbys in the event of absence.

- B. In the event the Emergency Preparedness Plan is implemented, the Dispatch Office will serve as a command center. If this is unsafe, the secondary command post will be The Western Company sign on the front lawn.

III. Fire Fighting Procedures

- A. Hazardous Materials Handling - If a fire cannot be put out immediately with hand held portable fire extinguishers, the area will be evacuated and the Fire Department will be summoned by dialing 911. Material Safety Data Sheet books should be consulted and made available to the Fire Department in order to ascertain what, if any, hazards might be encountered in the fire. These books are kept in the following places:

1. Dispatch Office
2. District Lab
3. Training Office
4. Maintenance Supervisor's Office
5. Chemical Warehouse

- B. Fire Extinguisher Locations - Fire extinguishers in the main office are located at the entrance of the Dispatch Office; at the entrance of the lounge; outside the Conference Room; at the door near the storage room next to the sales office and just outside the District Manager's office.

- C. Securing Utilities - The master shutoff points are at the **SOUTHEAST CORNER** of the **MAINTENANCE BUILDING**. The **RED VALVE** is the gas, the **YELLOW ARROW** on the electric box points to the **main breaker** for all **ELECTRICAL POWER**. This will shutdown all gas and electricity on the facility.

In case of an uncontrolled acid spill or fire where the acid tank is involved, turning the fluorescent orange valve on the acid tank will stop all flow.

In case of an uncontrolled nitrogen discharge from the storage tanks, turning the fluorescent orange valves on the tanks should stop all flow.

- D. Fire Fighting Water Available - The main water shut-off valve, a **red-handled valve**, is located at the **southeast corner** of the facility in a concrete lined pit with a metal cover.

IV. Evacuation of Personnel and Equipment

- A. Personnel - All personnel on the district facility will meet at The Western Company sign on the front lawn. 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.

- 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.

In the event any emergency makes it necessary to evacuate a specific work area or the entire premises, the following guidelines should be followed, in addition to those already set forth. As an area is evacuated and it is safe to do so:

Shop Area, Iron Shop and Wash Bay:

Turn off all operating equipment such as diesel, gasoline or electric motors and engines, welders-gas and electric, grinders, saws, parts washers, sprayers, compressors and anything that might be or become a hazard if left unattended.

Fuel Island:

Turn off all operating equipment such as diesel, gasoline or electric motors and engines, fuel and oil dispensers and anything that might be or become a hazard if left unattended.

Sand Plant and Test Tank Area:

Turn off all operating equipment such as diesel, gasoline or electric motors and engines, tank discharge valves and anything that might be or become a hazard if left unattended.

SPC, Chemical Warehouse, Acid, Nitrogen and Propane Docks:

Turn off all operating equipment such as diesel, gasoline, electric or propane motors and engines, tank discharge valves and anything else that might be or could become a hazard if left unattended.

Front Office, Lab, Training and Locker Room Areas:

Turn off anything that might be or could become a hazard if left unattended.

ALL AREAS

Evacuate using the safest and most direct route possible!

V. Security

All outside persons, except fire fighting personnel, will be kept off 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

In the event there is an emergency that involves a densitometer containing radioactive materials; the Radiation Safety Officer (Brian Ault) and the Radiation Safety Supervisor (Mike Rose) will be immediately notified.

No one will be permitted into the area until the RSO and the RSS have determined that it is safe to do so.

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

A personal visit by the District Manager and any other personnel assigned 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. In the event of a serious accident or injury, a person qualified in American Red Cross Standard First Aid is on duty during all hours of operation. Using the procedures set by the American Red Cross, first aid will be initiated and followed until the Emergency Medical Services arrive.
- B. In case of chemical poisoning, a call should be placed to the nearest poison control center available. Consult the Material Safety Data Sheets manual to find information on first aid measures to be taken until qualified help can be reached.

X. Spill Control and Containment

- A. Acid Tank Failure - First, clear the area of all personnel and give first aid to the injured. Establish security measures and keep all personnel clear of the area. An action team comprised of the 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 has been removed from the ground, clean-up and repair operations will commence using all district personnel available. The action team will coordinate all operations.

- B. Hazardous Material Leakage - When there is a leak or suspected leakage at a hazardous materials storage facility, efforts must be made to stop the leakage as soon as possible without endangering personnel safety. Containment dikes will be built to contain the spillage; the spill picked up by absorbent material and placed inside containers or containment area before disposal by a qualified disposal company. The incident will be reported to the National Response Center, the local authority and Western's corporate environmental office.



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

February 18, 1997

CERTIFIED MAIL
RETURN RECEIPT NO. P-288-258-914

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

**RE: Discharge Plan GW-097 (Formerly Western) Renewal
Farmington Facility
San Juan County, New Mexico**

Dear Ms. Cobb:

On August 19, 1992, the groundwater discharge plan, GW-097, for the BJ Services (BJ) Farmington Facility located in the W/2 SW/4 NW/4, of Section 13, and the E/2 SE/4 NE/4, of Section 14, Township 29 North, Range 13 West, NMPM, San Juan 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) regulation 3106 and was approved pursuant to section 3109 for a period of five years. The approval will expire on August 18, 1997.

If the facility continues to have potential or actual effluent or leachate discharges and BJ wishes to continue operations, 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 April 18, 1997), 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.

The discharge plan renewal application for the Farmington Facility is subject to the WQCC Regulation 3114. Every billable facility submitting a discharge plan renewal will be assessed a fee equal to the filing fee of \$50 plus a flat fee of \$690 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

Ms. Jo Ann Cobb
February 18, 1997
Page 2

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 and one copy to the OCD Santa Fe Office and one copy to the OCD Aztec District Office. **Note that the completed and signed application form must be submitted with the discharge plan renewal request.** Copies of the WQCC regulations and discharge plan application form and guidelines have been provided to BJ in the past. If BJ requires additional copies of these items notify the OCD at (505) 827-7152. A complete copy of the regulations is also available on the OCD's website at www.emnrd.state.nm.us/ocd/.

If BJ no longer have 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 Aztec Office

P 288 258 914

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

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Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, April 1995



**The Western Company
of North America**

OIL CONSERVATION DIVISION
RECEIVED

'95 MAR 21 PM 8 52

PHILLIP BOX REM
Manager, Real Estate & Environmental Compliance
Tel. 713/629-2861
Fax 713/629-2885

March 9, 1995

Mr William J LeMay Director
State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
P O Box 2088
Santa Fe NM 87504

RE: NOTIFICATION OF COMPANY SALE

Dear Mr LeMay:

This letter is to notify you of the pending sale of The Western Company of North America. BJ Services Company, USA is purchasing the assets of The Western Company of North America with the sale being final on or about April 13, 1995.

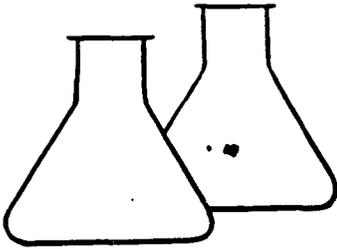
The name of records would then be BJ Services Company, USA for **Discharge Plan GW-97, for Farmington Service Facility, San Juan County, New Mexico.**

If additional information is required or if you have any questions, please call me.

Sincerely,

Phillip Box
THE WESTERN COMPANY OF NORTH AMERICA

pc: COO file
ERF



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

RCRA CHARACTERISTICS

Client:	Western Company	Project #:	92101
Sample ID:	Floor Sweep	Date Reported:	03-21-94
Lab ID#:	7073	Date Sampled:	03-18-94
Sample Matrix:	Soil	Date Received:	03-18-94
Preservative:	Cool	Date Analyzed:	03-21-94
Condition:	Cool & Intact		

IGNITABILITY: Did not ignite upon direct contact with flame after heating to 60°C.

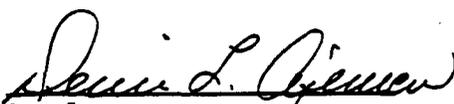
CORROSIVITY: pH of 7.12

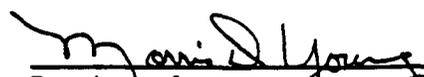
REACTIVITY: Did not react violently with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric acid).

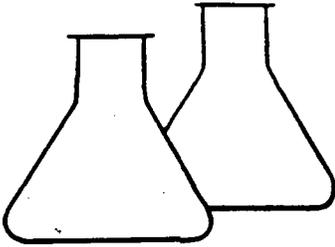
Reference: 40 CFR part 261 Subpart C sections 261.21 - 261.23, July 1, 1992.

Comments: \leq pH 2 or \geq pH 12.5 is hazardous waste.

5 - point Composite


Analyst


Reviewed



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

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

Client:	Western Company	Project #:	92101
Sample ID:	Floor Sweep	Date Reported:	03-22-94
Laboratory Number:	7073	Date Sampled:	03-18-94
Sample Matrix:	Soil	Date Received:	03-18-94
Preservative:	Cool	Date Extracted:	03-21-94
Condition:	Cool and Intact	Date Analyzed:	03-22-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.006	0.2
1,1-Dichloroethene	ND	0.006	0.7
MEX 2-Butanone	0.055	0.007	200
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethane	ND	0.005	0.5
Trichloroethene	ND	0.005	0.5
Tetrachloroethene	ND	0.005	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Bromochloromethane	99 %
	Bromofluorobenzene	97 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992

Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8010, Halogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

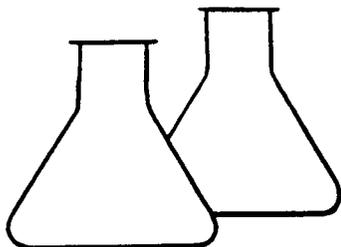
Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: 3250 Southside River Road 5-point composite

Shawn L. Prewer

Mavis D. Young



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 1311
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL ANALYSIS

Client:	Western Company	Project #:	92101
Sample ID:	Floor Sweep	Date Reported:	03-28-94
Laboratory Number:	7073	Date Sampled:	03-18-94
Sample Matrix:	Soil	Date Received:	03-18-94
Preservative:	Cool	Date Analyzed:	03-23-94
Condition:	Cool & Intact	Date Extracted:	03-21-94
		Analysis Needed:	TCLP metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Level (mg/L)
ARSENIC	0.003	0.001	5.000
BARIUM	0.1	0.1	100.0
CADMIUM	0.001	0.001	1.000
CHROMIUM	0.006	0.001	5.000
LEAD	ND	0.001	5.000
MERCURY	ND	0.002	0.200
SELENIUM	ND	0.001	1.000
SILVER	ND	0.01	5.00

Method: Methods 3010A, 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA

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

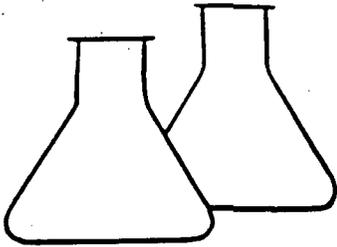
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: 3250 Southside River Rd 5-Point Composite


Analyst


Review



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	Western Company	Project #:	92101
Sample ID:	Floor sweep	Date Reported:	04-03-94
Laboratory Number:	7073	Date Sampled:	03-18-94
Sample Matrix:	Soil	Date Received:	03-18-94
Preservative:	Cool	Date Extracted:	03-21-94
Condition:	Cool & Intact	Date Analyzed:	04-03-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.022	5.0
Nitrobenzene	ND	0.020	5.0
Hexachlorobutadiene	0.10	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	0.03	0.020	0.13

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

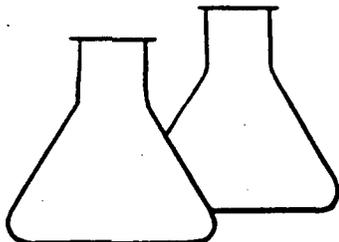
Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986

ND - Parameter not detected at the stated detection limit.

Comments: 3250 Southside River Rd.
5 point composite

Tony Trotano
Analyst

Morgan D Young
Review



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 8040 PHENOLS

Client:	Western Company	Project #:	92101
Sample ID:	Floor Sweep	Date Reported:	04-04-94
Laboratory Number:	7073	Date Sampled:	03-18-94
Sample Matrix:	Soil	Date Received:	03-18-94
Preservative:	Cool	Date Extracted:	03-21-94
Condition:	Cool & Intact	Date Analyzed:	04-03-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	3.0	0.040	200.0
2,4,6-Trichlorophenol	ND	0.040	2.0
2,4,5-Trichlorophenol	ND	0.040	2.0
Pentachlorophenol	ND	0.025	100.0

SURROGATE RECOVERY	Parameter	Percent Recovery
	2-fluorophenol	117 %
	2,4,6-tribromophenol	114 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

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

Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1992

ND - Parameter not detected at the stated detection limit.

Comments: 3250 Southside River Rd.
5-point composite

Tony Tistaw
Analyst

Maris D Young
Review

**ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH**

I hereby acknowledge receipt of check No. [REDACTED] dated 6/18/92,
or cash received on 6/23/92 in the amount of \$ 1436.00

from The Western Company
for Farmington Svc Facility (Facility Name) GW-97 (DP No.)

Submitted by: _____ Date: _____

Submitted to ASD by: Roger Anderson Date: 6/23/92

Received in ASD by: Sherry Gonzalez Date: 6/23/92

Filing Fee New Facility Renewal _____
Modification _____ Other _____
(specify)

Organization Code 521.07 Applicable FY 80

To be deposited in the Water Quality Management Fund.

Full Payment or Annual Increment _____



THE WESTERN COMPANY
OF NORTH AMERICA

HOUSTON, TEXAS

IN FULL PAYMENT OF ITEMS SET FORTH ON THE ACCOMPANYING REMITTANCE ADVICE

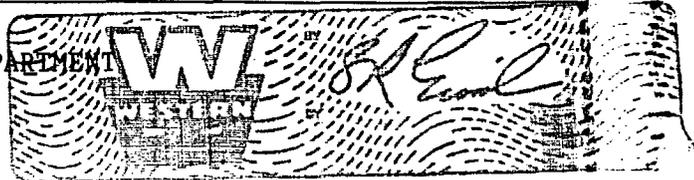
62-20
311

CHECK NO.	DATE	VENDOR NO.	GROSS	
[REDACTED]	06/18/92		\$1,430.00	\$1,430.00

PAY EXACTLY

REGISTERED \$1,430.00
R 0-26111

NMED - WATER QUALITY MANAGEMENT
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
STATE LAND OFFICE BUILDING
SANTA FE NM 87504





UNITED STATES
DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
Ecological Services
Suite D, 3530 Pan American Highway, NE
Albuquerque, New Mexico 87107

OIL CONSERVATION DIVISION
RECEIVED
'92 JUL 15 AM 8 35

July 14, 1992

Mr. William J. Lemay, Director
State of New Mexico Oil
Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Dear Mr. Lemay:

This responds to the notice of publication received by the U.S. Fish and Wildlife Service (Service) on July 9, 1992, regarding the effects of Oil Conservation Division (OCD) discharge permits GW-97, GW-100, GW-126, and GW-96 on fish, shellfish, and wildlife resources in New Mexico.

The Service has determined there are no wetlands or other environmentally sensitive habitats, plants, or animals that will be adversely affected by the following discharges.

GW-97 - The Western Company of North America, Farmington Service Facility located in Section 13 and 14, T29N, R13W, NMPM, San Juan County, New Mexico. Approximately 500 gallons per day of waste water is collected in the truck wash bay and discharged into the City of Farmington Sewage Treatment System.

GW-100 - Dowell Schlumberger Incorporated, Farmington Service Facility located in Section 14, T29N, R13W, NMPM, San Juan County, New Mexico. There are no planned discharges at this facility.

GW-126 - HOMCO International, Inc. Farmington Service Facility located in Section 19, T29N, R12W, NMPM, San Juan County, New Mexico. Approximately 600 gallons per day of waste water is pumped into a Watermaze Recycling Separator and reused for steam cleaning operations.

GW-96 - BJ Services, Farmington Service Facility located in Section 13, T29N, R13W, NMPM, San Juan County, New Mexico. Approximately 8 gallons per day of waste water will be disposed of offsite at an OCD approved facility.

Mr. William J. Lemay, Director

2

If you have any questions concerning our comments, please contact Mary Orms at (505) 883-7877.

Sincerely,

Jennifer Fowler-Propst
for *Michael J. Conahoo*
Jennifer Fowler-Propst
Field Supervisor

cc:

Director, New Mexico Department of Game and Fish, Santa Fe, New Mexico
Regional Administrator, U.S. Environmental Protection Agency, Dallas, Texas

AFFIDAVIT OF PUBLICATION

No. 31370

STATE OF NEW MEXICO,
County of San Juan:

KIT OWENS being duly sworn, says: "That he is the ADVERTISING DIRECTOR of The Farmington Daily Times, a daily newspaper of general circulation published in English in Farmington, said county and state, and that the hereto attached LEGAL NOTICE

was published in a regular and entire issue of the said Farmington Daily Times, a daily newspaper duly qualified for the purpose within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico for ONE consecutive (days) (//////) on the same day as follows:

First Publication WEDNESDAY, MARCH 10, 1993

Second Publication _____

Third Publication _____

Fourth Publication _____

and the cost of publication was \$ 72.76



Subscribed and sworn to before me this 7th day of MARCH, 1993.

Connie Andrae
Notary Public, San Juan County,
New Mexico

My Comm expires: July 3, 1993

COPY OF PUBLICATI

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 applications have been submitted to the Director of the Oil Conservation Division, State Land Office Building, P.O. Box 2088, Santa Fe, New Mexico 87504-2088, Telephone (505) 827-5800:

(GW-133) - Williams Field Service, Robert Peacock, Project Manager, P.O. Box 58900, M.S. 10368, Salt Lake City, Utah 84158-0900, has submitted a discharge plan application for their San Juan 30-8 No. 1 C.D.P. Compressor Station located in the SE/4, Section 32, Township 31 North, Range 8 West, NMPM, San Juan County, New Mexico. Approximately 10 gallons per day of washdown water with a total dissolved solids concentration of approximately 1100 mg/l is stored in an above ground steel tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 220 feet with a total dissolved solids concentration of approximately 2000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-134) - Williams Field Service, Robert Peacock, Project Manager, P.O. Box 58900, M.S. 10368, Salt Lake City, Utah 84158-0900, has submitted a discharge application for their Decker Junction C.D.P. Compressor Station located in the SE/4 Section 19, Township 32 North, Range 10 West, NMPM, San Juan County, New Mexico. Approximately 5 gallons per day of washdown water with total dissolved solids concentration of 1100 mg/l is stored in above ground steel tanks prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 30 feet with a total dissolved solids concentration of approximately 2000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-136) - Williams Field Service, Robert Peacock, Project Manager, P.O. Box 58900, M.S. 10368, Salt Lake City, Utah 84158-0900, has submitted a discharge plan application for their San Juan 29-7 No.1 C.D.P. Compressor Station located in the SE/4 Section 18, Township 29 North, Range 7 West, NMPM, Rio Arriba County, New Mexico. Approximately 10 gallons per day of washdown water with total dissolved solids concentration of 1100 mg/l is stored in an above ground steel tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth approximately 188 feet with a total dissolved solids concentration of approximately 2000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-86) - Westam-Hall, Inc., Thomas Newman, District Manager, P.O. Box 2175, Farmington, New Mexico 87409, has submitted a discharge plan application for their Farmington Service Facility located in the SW/4 NW/4, Section 19, Township 29 North, Range 12 West, NMPM, San Juan County, New Mexico. Approximately 275,000 pounds and 2000 gallons of oilfield supply chemicals are stored at the facility. There is no waste or ashdown water used at the facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 30 feet with a total dissolved solids concentration ranging from 630 mg/l to 1470 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 5:00 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 public hearing may be requested by any interested person. Request for 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 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 plan and information presented at the hearing.

GIVEN under the Seal of New Mexico Conservation Commission at Santa Fe, New Mexico, on this 1st day of March, 1993.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

AFFIDAVIT OF PUBLICATION

COPY OF PUBLICATION

STATE OF NEW MEXICO,
County of San Juan:

No. 29761

CHRISTINE HILL being duly
sworn, says: "That she is the
NATIONAL AD MANAGER of

The Farmington Daily Times, a daily
newspaper of general circulation
published in English in Farmington,
said county and state, and that the
hereto attached LEGAL NOTICE

was published in a regular and entire
issue of the said Farmington Daily
Times, a daily newspaper duly quali-
fied for the purpose within the
meaning of Chapter 167 of the 1937
Session Laws of the State of New
Mexico for ONE consecutive
(days) (//////) on the same day as
follows:

First Publication SUNDAY, JULY 12, 1992

Second Publication _____

Third Publication _____

Fourth Publication _____

and the cost of publication was \$ 51.36

Subscribed and sworn to before me
this 20th day of
JULY, 1992.

Christine Hill

Conna Andrew

Notary Public, San Juan County,
New Mexico

My Comm expires: July 3, 1993

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 applications have been submitted
to the Director of the Oil Conservation Division, State Land Office Building, P.O. Box 2088,
Santa Fe, New Mexico 87504-2088, Telephone (505) 827-5900:

(GW-97) - The Western Company of North America, Phillip Box 515 Post Oak
Blvd., Suite 1200, Houston, Texas 77027, has submitted a discharge plan application
for their Farmington Service Facility located in the W/25W/4NW/4, Section 13 and
the E/2 SE/4 NE/4 Section 14, Township 29 North, Range 13 West, N1/4 PM, San
Juan County, New Mexico. Approximately 500 gallons per day of waste water is
collected in the truck wash bay and discharged into the City of Farmington Sewage
Treatment System (POTW). Ground water most likely to be affected by an
accidental discharge is at a depth of approximately 70 feet with a total dissolved
solids concentration ranging from 600 mg/l to 900 mg/l. The discharge plan
addresses how spills, leaks, and other accidental discharges to the surface will be
managed.

(GW-100) - Dowell Schlumberger Incorporated, Dan H. Mckenzie, 3106 Bloomfield
Hwy., P.O. Box 1650, Farmington, New Mexico, 87401, has submitted a discharge
plan application for their Farmington Service Facility located in the SE/4 NE/4,
Section 14, Township 29 North, Range 13 West, N1/4 PM, San Juan County, New
Mexico. There are no planned discharges at the facility. Ground water most likely to
be affected by an accidental discharge is at a depth of approximately 250 feet with a
total dissolved solids concentration ranging from 1650. The discharge plan
addresses how spills, leaks, and other accidental discharges to the surface will be
managed.

(GW-126) - HOMCO International Inc. Robert J. Medler, Director Environmental
Safety, 5432 US Highway 64, Farmington, New Mexico, 87401, has submitted a
discharge plan application for their Farmington Service Facility located in the SW/4
NW/4 Section 19, Township 29 North, Range 12 West, N1/4 PM, San Juan County,
New Mexico. Approximately 600 gallons per day of waste water is pumped to a
Watermaze Recycling Separator and reused for steam cleaning operators. Ground
water most likely to be affected by an accidental discharge is at a depth of
approximately 30 feet with a total dissolved solids concentration ranging from 630
mg/l to 1470 mg/l. The discharge plan addresses how spills, leaks, and other
accidental discharges to the surface will be managed.

(GW-96) - BJ Services, Jo Ann Cobb, Environmental Manager, 11211 W. FM 2920,
Lomball, Texas, 77375, has submitted a discharge plan application for their
Farmington Service Facility located in the SW/4 SE/4, Section 13 and the SE/4 SE/4,
Section 14, Township 29 North, Range 13 West, N1/4 PM, San Juan County, New
Mexico. Approximately 8 gallons per day of waste water will be disposed of onsite at
an OCD approved disposal facility. Ground water most likely to be affected by an
accidental discharge is at a depth of approximately 70 feet with a total dissolved
solids concentration ranging from 600 mg/l to 900 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 5:00 p.m., Monday through Friday. Prior to ruling on
any proposed discharge plan or its modifications, 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 public hearing may be requested
by any interested person. Requests for 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 information in the plan and information submitted
at the hearing.
GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe,
New Mexico, on this 1st day of July, 1992.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
WILLIAM J. LEMAY, Director

SEAL
Legal No 29761 published in the Farmington Daily Times, Farmington, New Mexico
on Sunday, July 12, 1992.

**NOTICE OF PUBLICATION
STATE OF NEW MEXICO
ENERGY, MINERALS & NATURAL
RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**

**STATE OF NEW MEXICO
County of Bernalillo** **SS**

Thomas J. Smithson being duly sworn declares and says that he is National Advertising manager of the **Albuquerque Journal**, and that this newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Session Laws of 1937, and that payment therefore has been made or assessed as court costs; that the notice, a copy of which is hereto attached, was published in said paper in the regular daily edition,

for.....1.....times, the first publication being on the...13....day
of...July....., 1992, and the subsequent consecutive
publications on....., 1992.

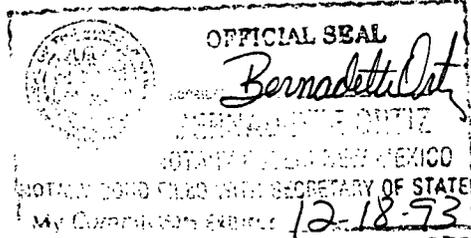
Thomas J. Smithson

Sworn and subscribed to before me, a Notary Public in
and for the County of Bernalillo and State of New
Mexico, this ...13... day of...July....., 1992.

PRICE.....\$40.85.....

Statement to come at end of month.

ACCOUNT NUMBER.....080930.....



CLA-22-A (R-12/92)

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan applications have been submitted to the Director of the Oil Conservation Division, State Land Office Building, P.O. Box 2088, Santa Fe, New Mexico 87504-2088, Telephone (505) 827-5800:

(GW-97) - The Western Company of North America, Phillip Box, 515 Post Oak Blvd., Suite 1200, Houston, Texas 77027, has submitted a discharge plan application for their Farmington Service Facility located in the W/2SW/4NW/4, Section 13 and the E/2SE/4NE/4 Section 14, Township 29 North, Range 13 West, NMPM, San Juan County, New Mexico. Approximately 500 gallons per day of waste water is collected in the truck wash bay and discharged into the City of Farmington Sewage Treatment System (POTW). Ground water is most likely to be affected by an accidental discharge is at a depth of approximately 70 feet with a total dissolved solids concentration ranging from 600 mg/l to 900 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-100) - Dowell Schlumberger Incorporated, Dan H. McKenzie, 3108 Bloomfield Hwy., P.O. Box 1850, Farmington, New Mexico, 87401, has submitted a discharge plan application for their Farmington Service Facility located in the SE/4NE/4, Section 14, Township 29 North, Range 13 West, NMPM, San Juan County, New Mexico. There are no planned discharges at the facility. Ground water is most likely to be affected by an accidental discharge is at a depth of approximately 250 feet with a total dissolved solids concentration of approximately 1650 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-126) - HOMCO International, Inc., Robert J. Medler, Director Environmental-Safety, 5432 US Highway 64, Farmington, New Mexico, 87401, has submitted a discharge plan application for their Farmington Service Facility located in the SW/4NW/4, Section 18, Township 29 North, Range 12 West, NMPM, San Juan County, New Mexico. Approximately 600 gallons per day of waste water is pumped to a Watermaze Recycling Separator and reused for steam cleaning operations. Ground water most likely to be affected by an accidental discharge is at a depth of approximately 30 feet with a total dissolved solids concentration ranging from 630 mg/l to 1470 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(GW-96) - BJ Services, Jo Ann Cobb, Environmental Manager, 11211 W. FM 2920, Tomball, Texas, 77375, has submitted a discharge plan application for their Farmington Service Facility located in the SW/4SE/4, Section 13 and the SE/4SE/4, Section 14, Township 29 North, Range 13 West, NMPM, San Juan County, New Mexico. Approximately 8 gallons per day of waste water will be disposed of offsite at an OCD approved disposal facility. Ground water most likely to be affected by an accidental discharge is at a depth of approximately 70 feet with a total dissolved solids concentration ranging from 600 mg/l to 900 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 5:00 p.m., Monday through Friday. Prior to ruling on any proposed

NOTICE OF PUBLICATION

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

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(GW-100) - Dowell Schlumberger Incorporated, Dan H. McKenzie, 3106 Bloomfield Hwy., P.O. Box 1650, Farmington, New Mexico, 87401, has submitted a discharge plan application for their Farmington Service Facility located in the SE/4 NE/4, Section 14, Township 29 North, Range 13 West, NMPM, San Juan County, New Mexico. There are no planned discharges at the facility. Ground water most likely to be affected by an accidental discharge is at a depth of approximately 250 feet with a total dissolved solids concentration of approximately 1650 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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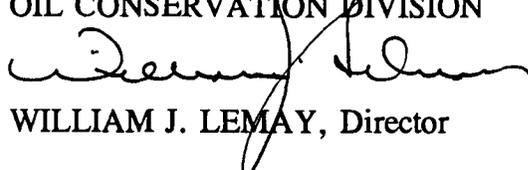
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If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the director will approve or disapprove the proposed plan based on information in the plan and information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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 1st day of July, 1992.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


WILLIAM J. LEMAY, Director

S E A L



The Western Company
of North America

June 19, 1992

RECEIVED

JUN 22 1992

OIL CONSERVATION DIV.
SANTA FE

Mr William J LeMay Director
State of New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
State Land Office Building
Santa Fe NM 87504

RE: The Western Company of North America
Discharge Plan Application for Farmington
San Juan County, New Mexico

Dear Mr. LeMay:

Enclosed is an original and two copies of the Discharge Plan Application for our facility in Farmington, New Mexico.

Also enclosed is Check No. 772844 for \$1,430 to cover the \$50 plan filing fee and \$1,380 for the oil and gas service companies flat fee.

If you have any questions or require additional information, please let us know.

Sincerely,

Phillip Box, Manager, Real Estate & EPA Compliance
THE WESTERN COMPANY OF NORTH AMERICA

PB:ah

Enclosures

cc: Les Baugh, Farmington
Farmington Envl file
ERF

THE WESTERN COMPANY

OF NORTH AMERICA

P.O. BOX 56006
HOUSTON, TEXAS 77256



INVOICE NUMBER	INVOICE DATE	NET AMOUNT	INVOICE NUMBER	INVOICE DATE	NET AMOUNT	INVOICE NUMBER	INVOICE DATE	NET AMOUNT
F78		\$1,430.00	11-1311-714-047-00			T1		
			DISCHARGE PLAN FILING FEE \$50 COMPANIES FLAT FEE \$1,380 FOR			OIL & GAS SERVICE FARMINGTON DISTRICT		
			3541209					
TOTAL NUMBER OF INVOICES					TOTAL NET AMOUNT			



OIL CONSERVATION DIVISION
RECEIVED

'92 MAY 14 AM 8 45

The Western Company
of North America

May 11, 1992

Mr Roger Anderson
New Mexico Energy Minerals & Natural
Resources Department
Oil Conservation Division
P O Box 2088
Santa Fe NM 87504

RE: The Western Company of North America
Farmington Facility Discharge Plan

Dear Mr. Anderson:

The Western Company of North America is requesting a 30 day extension for submission of a Discharge Plan for the Farmington facility.

If you have questions, please call me at 713/629-2864.

Sincerely,

Angela Hardy
Environmental Coordinator
THE WESTERN COMPANY OF NORTH AMERICA

cc: Phillip Box
Les Baugh, Farmington
Farmington Envl file
ERF

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

February 21, 1992

CERTIFIED MAIL

RETURN RECEIPT NO. P-327-278-294

Mr. Lynn M. Loman, District Manager
The Western Company
P.O. Drawer 360
Farmington, New Mexico 87499

**RE: DISCHARGE PLAN REQUIREMENT
FARMINGTON SERVICE FACILITY
SAN JUAN COUNTY, NEW MEXICO**

Dear Mr. McKenzie:

Under the provisions of the New Mexico Water Quality Control Commission (WQCC) Regulations, you are hereby notified that the filing of a discharge plan is required for your existing Farmington Service Facility located at 3250 Southside River Road, Farmington, San Juan County, New Mexico.

This notification of discharge plan requirement is pursuant to Part 3-104 and Part 3-106 of the WQCC Regulations. The discharge plan, defined in Part 1.101.P. of the WQCC Regulations, should cover all discharges of effluent or leachate at the facility or adjacent to the facility site. Included in the application should be plans for controlling spills and accidental discharges at the facility (including detection of leaks in below grade sumps, buried underground process tanks and/or piping), and closure plans for any pits or ponds whose use will be discontinued.

A copy of the regulations is enclosed for your convenience. Also enclosed is an application and a copy of OCD Guidelines for the Preparation of Discharge Plans at Oil Field Service Facilities. Three copies of your discharge plan should be submitted for review purposes.

Section 3-106.A. of the regulations requires submittal of the discharge plan application within 120 days of receipt of this notice unless an extension of this time period is sought and approved for good cause. Part 3-106.A. also allows discharges to

Mr. Lynn M. Loman
February 21, 1992
Page -2-

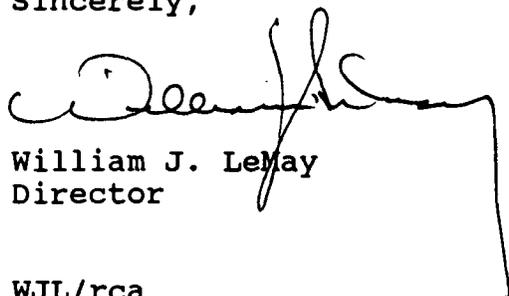
continue without an approved discharge plan until 240 days after written notification by the Director of the OCD that a discharge plan is required. An extension of this time may be sought and approved for good cause.

Pursuant to the New Mexico Water Quality Control Commission (WQCC) Regulation 3-114 "every billable facility submitting a discharge plan for approval, modification or renewal shall pay the fees specified in this section to the Water Quality Management Fund". WQCC Rule 3-114 became effective as of August 18, 1991, and is found on page 33.1 of the enclosed WQCC Rules and Regulations.

Every billable facility submitting a new discharge plan will be assessed a fee equal to the filing fee plus either a flat fee or discharge fee. The filing fee is fifty (50) dollars and shall be submitted with the discharge plan application (nonrefundable). The remainder of the "total fee" for oil and gas service companies falls under the "flat fee" category and is equal to one-thousand, three-hundred and eighty dollars (\$1380). The flat fee for an approved discharge plan 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 at the time of approval. Please make all checks out to the **NMED - Water Quality Management**.

If there are any questions on this matter, please feel free to contact Roger Anderson at (505) 827-5812 or Kathy Brown at (505) 827-5884 as they have the assigned responsibility for review of all discharge plans.

Sincerely,



William J. Lemay
Director

WJL/rca

xc: Denny Foust - OCD Aztec Office



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

ANALYSIS REQUEST FORM

Contract Lab IML Contract No. _____

OCD Sample No. 9107151155

Collection Date	Collection Time	Collected by—Person/Agency	
7/15/91	11:55 Am	Anderson/Brown	OCD

SITE INFORMATION

Sample location Western Company waste water pit

Collection Site Description

Township, Range, Section, Tract:

SEND ENVIRONMENTAL BUREAU
 FINAL NM OIL CONSERVATION DIVISION
 REPORT PO Box 2088
 TO Santa Fe, NM 87504-2088

SAMPLE FIELD TREATMENT — Check proper boxes

No. of samples submitted:

- NF: Whole sample (Non-filtered)
- F: Filtered in field with 0.45 μ membrane filter
- PF: Pre-filtered w/45 μ membrane filter

- NA: No acid added
 - A: 5ml conc. HNO₃ added
 - A: HCL
 - A: 4ml fuming HNO₃ added
 - A: 2ml H₂SO₄ added
- Vicks HgCl*

SAMPLING CONDITIONS	Water level	
	Discharge	
<input checked="" type="checkbox"/> Bailed <input type="checkbox"/> Pump <input type="checkbox"/> Dipped <input type="checkbox"/> Tap	Sample type	
	Conductivity (Uncorrected)	<i>M mho</i>
pH(00400)	Conductivity at 25° C	<i>M mho</i>

FIELD COMMENTS:

LAB ANALYSIS REQUESTED:

ITEM	DESC	METHOD	ITEM	DESC	METHOD	ITEM	DESC	METHOD
<input type="checkbox"/> 001	VOA	8020	<input type="checkbox"/> 013	PHENOL	604	<input type="checkbox"/> 026	Cd	7130
<input checked="" type="checkbox"/> 002	VOA	602	<input type="checkbox"/> 014	VOC	8240	<input type="checkbox"/> 027	Pb	7421
<input type="checkbox"/> 003	VOH	8010	<input type="checkbox"/> 015	VOC	624	<input type="checkbox"/> 028	Hg(L)	7470
<input checked="" type="checkbox"/> 004	VOH	601	<input type="checkbox"/> 016	SVOC	8250	<input type="checkbox"/> 031	Se	7740
<input checked="" type="checkbox"/> 005	SUITE	8010-8020	<input type="checkbox"/> 017	SVOC	625	<input checked="" type="checkbox"/> 032	ICAP	6010
<input checked="" type="checkbox"/> 006	SUITE	601-602	<input type="checkbox"/> 018	VOC	8260	<input type="checkbox"/> 033	CATIONS/ANIONS	
<input type="checkbox"/> 007	HEADSPACE		<input type="checkbox"/> 019	SVOC	8270	<input type="checkbox"/> 034	N SUITE	
<input type="checkbox"/> 008	PAH	8100	<input type="checkbox"/> 020	O&G	9070	<input type="checkbox"/> 035	NITRATE	
<input type="checkbox"/> 009	PAH	610	<input type="checkbox"/> 022	AS	7060	<input type="checkbox"/> 036	NITRITE	
<input type="checkbox"/> 010	PCB	8080	<input type="checkbox"/> 023	Ba	7080	<input type="checkbox"/> 037	AMMONIA	
<input type="checkbox"/> 011	PCB	608	<input type="checkbox"/> 024	Cr	7190	<input type="checkbox"/> 038	TKN	
<input type="checkbox"/> 012	PHENOL	8040	<input type="checkbox"/> 025	Cr6	7198	<input type="checkbox"/>	OTHER	

Western Company

CLIENT: NMOCD
 ID: 9107151155
 SITE: Wastewater pit
 LAB NO: F6688

DATE REPORTED: 08/06/91
 DATE RECEIVED: 07/18/91
 DATE COLLECTED: 07/15/91

Trace metals by ICAP (dissolved concentration), mg/l

	Analytical Result:	Detection Limit:
Silver (Ag).....	ND	<0.01
Aluminum (Al).....	17.7	<0.1
Arsenic (As).....	0.036	<0.005
Boron (B).....	44.3	<0.01
Barium (Ba).....	1.0	<0.5
Beryllium (Be).....	ND	<0.005
Calcium (Ca).....	217.3	<0.5
Cadmium (Cd).....	0.054	<0.002
Cobalt (Co).....	0.05	<0.05
Chromium (Cr).....	0.39	<0.02
Copper (Cu).....	36.0	<0.01
Iron (Fe).....	455.7	<0.05
Manganese (Mn).....	2.81	<0.02
Molybdenum (Mo).....	ND	<0.02
Magnesium (Mg).....	29.0	<0.5
Sodium (Na).....	2805	<0.5
Nickel (Ni).....	0.60	<0.01
Potassium (K).....	2346	<0.5
Lead (Pb).....	2.24	<0.02
Antimony (Sb).....	ND	<0.05
Selenium (Se).....	ND	<0.005
Silicon (Si).....	33.6	<0.2
Thallium (Tl).....	ND	<0.2
Vanadium (V).....	0.12	<0.05
Zinc (Zn).....	4.83	<0.01

ND - Analyte "not detected" at the stated detection limit.


 Wanda Orso
 Water Lab Manager

The Western Co
*Farmington***METHOD 8020**
AROMATIC VOLATILE ORGANICS

Client:	OCD	Report Date:	08/08/91
Project Name:	Farmington	Date Sampled:	07/15/91
Sample ID:	9107151155	Date Received:	07/19/91
Sample Number:	F6688/C3447	Date Analyzed:	07/26/91
Sample Matrix:	Water		
Preservative:	Cool		
Condition:	Intact		

Analyte	Concentration (ug/L)	Detection Limit (ug/L)
Benzene	658	200
Toluene	2340	200
Ethylbenzene	14900	200
p,m-Xylene	31800	2000
o-Xylene	26000	200
Chlorobenzene	ND	200
1,3-Dichlorobenzene	ND	200
1,4-Dichlorobenzene	ND	200
1,2-Dichlorobenzene	ND	200

ND - Analyte not detected at stated detection limit.

Quality Control:	<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Acceptance Limits</u>
	Toluene-d8	98.0%	85-110%
	4-Bromofluorobenzene	93.9%	80-105%

Reference: Method 5030, Purge and Trap
Method 8020, Aromatic Volatile Organics
SW-846, Test Methods for Evaluating Solid Wastes, United States Environmental Protection Agency, September 1986.

Comments:

Ulonde M. Rogers

Analyst

Charles B. Ball

Review

METHOD 8010
HALOGENATED VOLATILE ORGANICS

Client:	OCD	Report Date:	08/08/91
Project Name:	Farmington	Date Sampled:	07/15/91
Sample ID:	9107151155	Date Received:	07/19/91
Sample Number:	F6688/C3447	Date Analyzed:	07/26/91
Sample Matrix:	Water		
Preservative:	Cool		
Condition:	Intact		

Analyte	Concentration (ug/L)	Detection Limit (ug/L)
Bromodichloromethane	ND	100
Bromoform	ND	100
Bromomethane	ND	100
Carbon tetrachloride	ND	100
Chlorobenzene	ND	100
Chloroethane	ND	100
2-Chloroethylvinyl ether	ND	100
Chloroform	ND	100
Chloromethane	ND	100
Dibromochloromethane	ND	100
1,2-Dichlorobenzene	ND	100
1,3-Dichlorobenzene	ND	100
1,4-Dichlorobenzene	ND	100
Dichlorodifluoromethane	ND	100
1,1-Dichloroethane	ND	100
1,2-Dichloroethane	ND	100
1,1-Dichloroethene	ND	100
trans-1,2-Dichloroethene	ND	100
1,2-Dichloropropane	ND	100
trans-1,3-Dichloropropene	ND	100
Methylene Chloride	ND	100
1,1,2,2-Tetrachloroethane	ND	100
Tetrachloroethene	ND	100
1,1,1-Trichloroethane	ND	100
1,1,2-Trichloroethane	ND	100
Trichloroethene	ND	100
Trichlorofluoromethane	ND	100
Vinyl chloride	ND	100

ND - Analyte not detected at stated detection limit

METHOD 8010
HALOGENATED VOLATILE ORGANICS
Page 2 - Quality Control

Client:	OCD	Report Date:	08/08/91
Project Name:	Farmington	Date Sampled:	07/15/91
Sample ID:	9107151155	Date Received:	07/19/91
Sample Number:	F6688/C3447	Date Analyzed:	07/26/91
Sample Matrix:	Water		
Preservative:	Cool		
Condition:	Intact		

Quality Control:	<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Acceptance Limits</u>
	Toluene-d8	90.4%	85-110%
	4-Bromofluorobenzene	101%	80-105%

Reference: Method 5030, Purge and Trap
Method 8010, Halogenated Volatile Organics
SW-846, Test Methods for Evaluating Solid Wastes, United States Environmental
Protection Agency, September 1986.

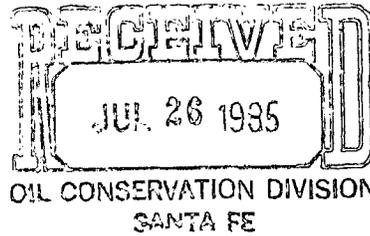
Comments:



Analyst



Review



July 23, 1985

Chris Byerley
district manager

State of New Mexico
Energy and Minerals Department
PO Box 2088
Santa Fe, N.M. 87501

Attn: R.L. Stamets
Director

Re: Well Service Questionnaire

Gentlemen:

As requested in your correspondence of July 11, 1985,
we have completed the above referred to questionnaire.
Please find copy attached.

If we can be of further assistance, please advise.

Sincerely,

A handwritten signature in cursive script that reads 'Les Baugh'.

LES BAUGH
Operations Supervisor

WELL SERVICE COMPANIES
QUESTIONNAIRE

Check one or more, as applicable.

I. Types of Services Performed:

- Vacuum Hauling/Tank Cleaning
- Acidizing
- Fracturing
- Cementing
- Drilling mud/additives
- Other (Specify) *Nitrogen Services*

II. General Types of Products and Quantities Used in Service or Transported in 1984:

- | | Quantity (bbls.) |
|---|---|
| <input checked="" type="checkbox"/> Acids | <i>Approx. 200,000 gal diluted to 15% HCL
(4761 BBLs)</i> |
| <input type="checkbox"/> Brines | _____ |
| <input type="checkbox"/> Caustics | _____ |
| <input type="checkbox"/> Drilling Mud/Additives | _____ |
| <input type="checkbox"/> Corrosion Inhibitors | _____ |
| <input type="checkbox"/> Surfactants/Polymers | _____ |
| <input type="checkbox"/> Shale Control Inhibitors | _____ |
| <input type="checkbox"/> Radioactive Tracers Returned from Wellbores or Pipelines | _____ |
| <input type="checkbox"/> Oxygen Scavengers | _____ |
| <input checked="" type="checkbox"/> Waste Oil (<i>engine oil</i>) | <i>96 BBL</i> |
| <input type="checkbox"/> Produced Water | _____ |
| <input type="checkbox"/> Other (Specify) | _____ |

Western Co. of NA

III. TYPE, QUANTITY, AND LOCATION OF WELL SERVICE FLUIDS AND SOLIDS, PRODUCED WATER,
OR WASTE OIL DISPOSAL

TYPE OF FLUID OR SOLID	VOLUME (BARRELS)	DISPOSAL SITE		NATURE OF DISPOSAL LOCATION (LETTER FROM BELOW)
		(NO. FROM BELOW)	LOCATION	
(Diluted Hydrochloric Acid)	285 BBL Approx per year	4	Flora Vista N. Mex	B
Waste engine oil	96 BBL S	8	Farmington N. Mex	G (Sold to General Cru Processing)

Disposal Sites

1. Individual Well Site (Do not list all locations)
2. Sanitary Landfill
3. Injection Wells (Do not list locations)
4. Evaporation Pond
5. Chemical Waste Tank
6. City Sewer
7. Company Facilities
8. Other (Specify)

Nature of Disposal Location

- A. Lined Pit
- B. Unlined Pit
- C. Ground Surface
- D. Above Ground Tank
- E. Buried Tank
- F. Injection Well
- G. Other (Specify)

P 612 457 999

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Feb. 1982
* U.S.G.P.O. 1983-403-517

Sent to BAUGH - WESTERN CO. OF No	
Street No 250 Southside River Dr. America	
P.O., State and ZIP Code Farmington, N.M. 87401	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	



TONEY ANAYA
GOVERNOR

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION



1935 - 1985

September 17, 1985

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

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Les Baugh
Western Co. of North America
3250 Southside River Road
Farmington, New Mexico 87401

Dear Sir:

On September 12, 1985, I inspected your facilities as noted on the attached inspection report. At that time I discovered and discussed with you storage and/or disposal practices that may over time contaminate ground water supplies in the area. These are identified as "Problem Area" on the inspection report.

We are required by Oil Conservation Division and Water Quality Control Commission rules and regulations to protect all ground water of the State of New Mexico which has an existing concentration of 10,000 mg/l or less TDS, for present and potential future use as domestic and agricultural water supply. OCD Rule 3 specifically requires that all service companies conduct their operations in a manner that will prevent the contamination of fresh waters. Continuation of the practices that were discussed during the inspection would be expected to have the potential for groundwater contamination. If this occurs, your company would be liable for contaminant removal and mitigation including possible aquifer cleanup and restoration.

All "Problem Areas" should be corrected within 90 days or by December 17, 1985. Reinspection of the facility will be made after that date.

If you have any questions concerning this matter, please
call me in Santa Fe at (505) 827-5884.

Sincerely,



JAMI BAILEY,
Field Representative

JB/dr

WELL SERVICE COMPANY INSPECTION

NAME OF COMPANY: WESTERN COMPANY OF NORTH AMERICA

LOCATION: 3250 Southside River Rd, Farmington, New Mexico

INSPECTION DATE: 9/12/85

REPORT: Company acidizes, fracs, cements wells. City water, cement lot.

Underground Storage Tanks: (a) Acid Drain tank 500 bbl capacity. Emptied every 3 months, neutralized with sodium bicarbonate. Was dumped at Flora

Vista, now hopes to use Basin Disposal pits; (b) Washdown ramp tank: oil frac tankers washed down into 30,000 gal. tank. Emptied 2-3 times/year.

Effluent of oil, detergents and water was taken to Flora Vista. Now hopes to use Basin Disposal pits; (c) (4) 10,000 gal. diesel tanks: (d) (1) 8,000

gallon gasoline tank; (e) (3) 1,000 gal. new oil tank; (f) 1,000 gal. used oil tank. Used oil sold to General Crude Process or Raduim Petroleum

(Odessa, Tx.): (g) Separator tank. Effluent from wash bays separated-water and detergents sent to city sewer; Garcia Septic Service cleans out unusable oil.

Spills in chemical warehouse soaked up with Floor Sweep, put in dumpster and disposed of at Farmington dump.

WELL SERVICE COMPANY INSPECTION (PAGE 2)

NAME OF COMPANY: WESTERN COMPANY OF NORTH AMERICA

LOCATION: 3250 Southside River Rd. Farmington, New Mexico

INSPECTION DATE: 9/12/85

PROBLEM AREA: Above ground water storage tank. Fresh water used during
warm months to test pumps. Nine lb./gal. brine used in winter. Brine hauled
in from Cortez, Colorado well. Valves leak and spills drain toward residen-
tial area. Ground surface around tank composed of porous sand and gravel.
Facilities located in Vulnerable Area. Rate of leakage not measured.

= 130,000 mg/L = 12% salt

SAMPLES TAKEN: NONE

RECOMMENDATIONS: Prevent leakage from valves: contain spills to prevent
ground water contamination.

FOLLOW UP: _____

*Western Co.
build pit? call
Mike Martinez Monday*

327-6831

-6222