GW - 97

GENERAL CORRESPONDENCE

YEAR(S):
2004 - 1998

Price, Wayne

From: Price, Wayne
Sent: Wednesday, October 13, 2004 10:36 AM
To: 'Jason_Goodwin@bjservices.com'; Price, Wayne
Cc: JCobb@bjservices.com; JHoughton@bjservices.com; Foust, Denny
Subject: RE: Discharge Plan Revision

Approved as a minor modification!

-----Original Message-----
From: Jason_Goodwin@bjservices.com [mailto:Jason_Goodwin@bjservices.com]
Sent: Wednesday, October 13, 2004 9:23 AM
To: wprice@state.nm.us
Cc: JCobb@bjservices.com; JHoughton@bjservices.com
Subject: Discharge Plan Revision

Wayne,

BJ Services, Farmington District, would like to modify its Discharge Plan to install the following tanks:

Two 6 foot diameter 6000 gallon steel tanks with steel secondary containment measuring 25' x 13' x 3.8' for storage of "LFC" chemical which consists of a mixture of #2 diesel and guar gum. Both tanks will be sitting under cover to mitigate the potential for storm water impact. Secondary Containment meets the NMOCD required 33% freeboard with room to spare. Unloading and loading operations is completed through a 2 inch hose attached to a 2 inch steel load line on the tank. Tanks and secondary containment both sit on existing concrete slabs and have concrete spill catchment areas to eliminate the potential for accidental spills and leaks from loading and unloading operations. I have attached a figure to reflect the placement of these tanks. BJ Services would appreciate your approval for the installation of these tanks.

Thanks.

Jason Goodwin P.G.
HSE Specialist
Phone: 281-357-2573
Fax: 281-357-2585

This email has been scanned by the MessageLabs Email Security System.
For more information please visit http://www.messagelabs.com/email

Price, Wayne

From: Price, Wayne
Sent: Tuesday, October 21, 2003 2:18 PM
To: 'Jason_Goodwin@bjservices.com'
Subject: RE: Help!!!

Approved!

-----Original Message-----
From: Jason_Goodwin@bjservices.com [mailto:Jason_Goodwin@bjservices.com]
Sent: Thursday, September 11, 2003 3:06 PM
To: wprice@state.nm.us
Subject: Help!!!

After completeing the investigation on our Farmington yard during our discharge plan renewal we have still not received a formal closure of the cleanup for soils. Can you tell me where this is?

Thanks.

Jason Goodwin
HSE Specialist
Phone: 281-357-2573
Fax: 281-357-2585

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 2/13/03

or cash received on _____ in the amount of $ 1700 ^or

from BJ SERVICES

for FARMINGTON YARD GW-97
(Facility Name) (DP No.)

Submitted by: WAYNE PRICE Date: 3/4/03

Submitted to ASD by: [signature] Date: "

Received in ASD by: _____ Date: _____

Filing Fee ___ New Facility ___ Renewal X

Modification ___ Other _____
(specify)

Organization Code 521.07 Applicable FY 2003

To be deposited in the Water Quality Management Fund.

Full Payment X or Annual Increment ___

BJ SERVICES COMPANY
BJ Services Company U.S.A.
P.O. BOX 4442
HOUSTON, TX 77210
713/462-4239

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

50-93
213

VENDOR NO. 157889

CHECK NO. [redacted]

CHECK DATE	CHECK AMOUNT
02/13/03	*****1,700.00

PAY ONE THOUSAND SEVEN HUNDRED AND 00/100 **********

NEW MEXICO ENVIRONMENTAL DEPT
WATER QUALITY MANAGEMENT FUND
1220 SOUTH ST FRANCIS DR
SANTA FE NM 87505

[redacted]

[signature]

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

GW-97

Price, Wayne

From: Jason_Goodwin@bjservices.com
Sent: Thursday, February 06, 2003 1:13 PM
To: Price, Wayne
Cc: dfoust@state.nm.us
Subject: Re: Farmington DP and separator sump

Wayne,

The new separator will be double walled with leak detection (cadillac model). Ecological will be conducting the removal and investigation. Results will be sent to you ASAP. The truck wash is currently shutdown and we are now washing trucks off-site at another truck wash facility. You should be getting the signed permit soon with the fee.

Thanks for your help,

Jason Goodwin
HSE Specialist
Phone: 281-357-2573
Fax: 281-357-2585

"Price, Wayne" <WPrice@state.nm.us>
02/06/2003 10:50 AM

To: "'jason_goodwin@bjservices.com'" <jason_goodwin@bjservices.com>
cc:
Subject: Farmington DP and separator sump

Jason:

Go ahead and sign-off on DP and return to OCD with Fee. The work you are doing will be handled as a minor modification. Make sure you send me bottom
and sidewall sample results. Also new containment shall have secondary containment.

Sincerely:
<<...OLE_Obj...>>
Wayne Price
New Mexico Oil Conservation Division
1220 S. Saint Francis Drive
Santa Fe, NM 87505
505-476-3487
fax: 505-476-3462
E-mail: WPRICE@state.nm.us

June 12, 2002

RECEIVED
JUN 18 2002
Environmental Bureau
Oil Conservation Division

Mr. Wayne Price
New Mexico Oil Conservation Division
1220 S. Saint Francis Drive.
Santa Fe, NM 87504

RE:

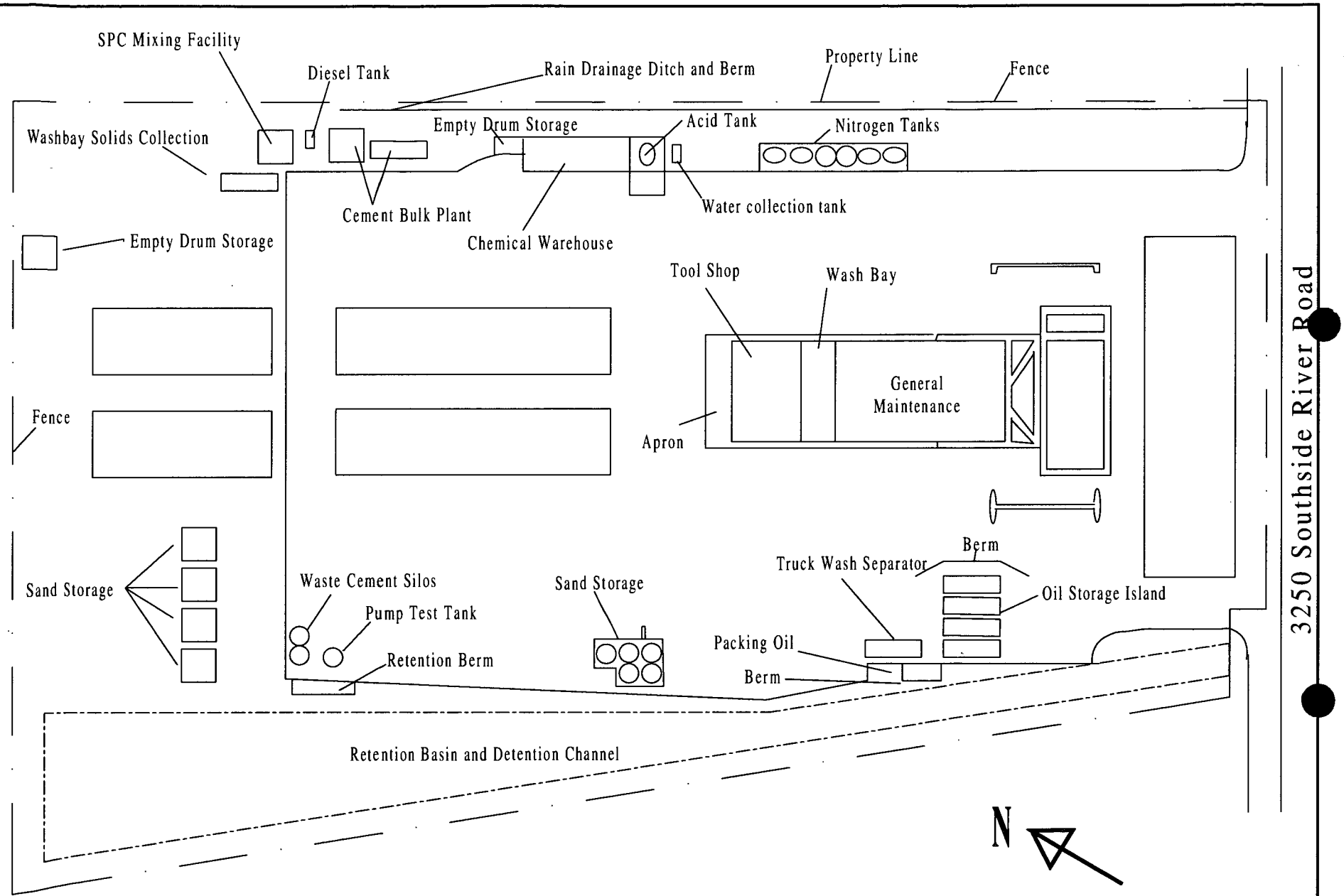
Dear Mr. Price,

BJ Services has enclosed a copy of the newly revised site map for our Farmington district as recommended during the facility review. If you have any questions or concerns during your review of this plan, please contact me at (281) 357-2573. Thank you.

Sincerely,

Jason Goodwin
HSE Specialist

c: Jo Ann Cobb (Tomball)
Jeff Houghton (Farmington)



BJ Services Company, USA
11211 FM 2920
Tomball, Texas 77375

Figure 1 : Site Location Map -

	Not To Scale	REVISION DATE: 9/24/01	DRAWN BY: JSG

BJ Services Company U.S.A.
Discharge Plan Renewal - 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: Jeff Houghton

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
11211 FM 2920
Tomball, Texas 77375
Contact: Mr. Jason Goodwin

V. Facility Description

See Attachment 1, Site Plan

I. Materials Stored or Used at the Facility

Material	General Makeup (includes additives)	Form	Type of Container	Estimated Volume Stored	Location
Acids	Hydrochloric	Liquid	Tank	10,000 gal	Acid dock
	Sulfamic	Solid	Sacks	725 lbs	Warehouse
	Acetic	Liquid	Drum	350 gal	Warehouse
	Benzoic	Solid	Sacks	200 lbs	Warehouse
	Formic	Liquid	Drum	250 gal	Warehouse
Truck Cleaner	Detergent	Liquid	Drum	110 gallons	Wash Bay
Parts Cleaner	Safety Kleen Solvent	Liquid	Drum	90 gallons	Shop
Salts, Dispersants, Retarders	Various products serve this function	Solid	Sacks	125,000 lbs	Warehouse
Paraffin Treatment, Emulsion Breakers, Surfactants	Various products serve these functions	Liquid	Drums	6500 gallons	Warehouse
Biocides	Xcide	Solid	Sacks	1200 lbs	Warehouse
Others	Sand	Solid	Silos	1,400 Tons	Yard
	Fly Ash	Solid	Silos	800 sacks	Yard
	Gellants	Solid	Silos	18,500 lbs	Yard
	Cement	Solid	Silos	4,200 sacks	Yard
	Gilsonite	Solid	Silos	3000 cu ft.	Yard
	Nitrogen	Liquid	Tanks	38,500 gal	Fuel Island
	Fuel	Liquid	AST	20,000 gal	Shop
	Junk Cement	Solid	Silo	2,200 tons	Yard

IX. Proposed Modifications

Additional 2200 cubic foot silo for off-spec cement located in the rear of the yard (see figure for details). Transfer method is closed pneumatic with filter sock controls. Annual throughput is approximately 302 tons of waste cement. The silo is currently permitted with the Environmental Dept. of New Mexico under permit No. 243-M2.

X. Inspection and Maintenance

See Attachment 2, Base/District HSE Inspection Report

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.

BJ Services

OCD ENVIRONMENTAL BUREAU

SITE INSPECTION SHEET

DATE: 5/6/02 Time: _____

Type of Facility: Refinery ☐ Gas Plant ☐ Compressor St. ☐ Brine St. ☐ Oilfield Service Co. ☑
Surface Waste Mgt. Facility ☐ E&P Site ☐ Crude Oil Pump Station ☐
Other ☐ _____

Discharge Plan No ☐ Yes ☑ GW# 97

FACILITY NAME: BJ Services Company
PHYSICAL LOCATION: 3250 Southside River Rd, Farmington, NM
Legal: QTR SW QTR NW Sec 13 TS 29N R 13W County San Juan

OWNER/OPERATOR (NAME) _____
Contact Person: Jeff Houghton Tele:# 327-6222
MAILING ADDRESS: _____ State ____ ZIP ____
Owner/Operator Rep's:
Jason Goodwin, Les Baugh

OCD INSPECTORS: Jack Ford, Denny Foust

1. 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.
Drum Storage, empty, assembled into 2 areas only
Shop drum storage, empty drums w/out bungs
Truck fuel saddle tank needs containment Contains diesel

2. Process Areas: All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device incorporated into the design.
All process areas, shops & wash facilities have proper drains and/or containment

3. Above Ground Tanks: All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new tanks or existing tanks that undergo a major modification, as determined by the Division, must be placed within an impermeable bermed enclosure.

Ok - all within containment

4. 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.

Ok - all within containment ~~over~~

5. Labeling: All tanks, drums and containers will be clearly labeled to identify their contents and other emergency notification information.

Some labeling of trash containers, all tanks well labeled

6. 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.

No ~~leak~~ leak detection but monitor well within 10 feet, ~~tanks~~ drain lines to be tested prior to 5 year expiry date.

7. 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. The permittee 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.

line test about 4 yrs. ago - scheduled to be tested prior to 5 years. Line to fuel sump 15 yrs. old never tested.

8. Onsite/Offsite Waste Disposal and Storage Practices: Are all wastes properly characterized and disposed of correctly?

Does the facility have an EPA hazardous waste number? ✓ Yes _____ No

ARE ALL WASTE CHARACTERIZED AND DISPOSED OF PROPERLY? YES NO IF NO DETAIL BELOW.

9. 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.

ANY CLASS V WELLS NO ☐ YES ☐ IF YES DESCRIBE BELOW ! Undetermined ☐

10. 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.

11. Spill Reporting: All spills/releases will be reported pursuant to OCD Rule 116 and WQCC 1203 to the proper OCD District Office.

12. **Does the facility have any other potential environmental concerns/issues?**

13. **Does the facility have any other environmental permits - i.e. SPCC, Stormwater Plan, etc.?**

Discussed Stormwater plan - will be repaired

14. **ANY WATER WELLS ON SITE? NO ☑ YES ☐ IF YES, HOW IS IT BEING USED ?**

Monitoring wells -

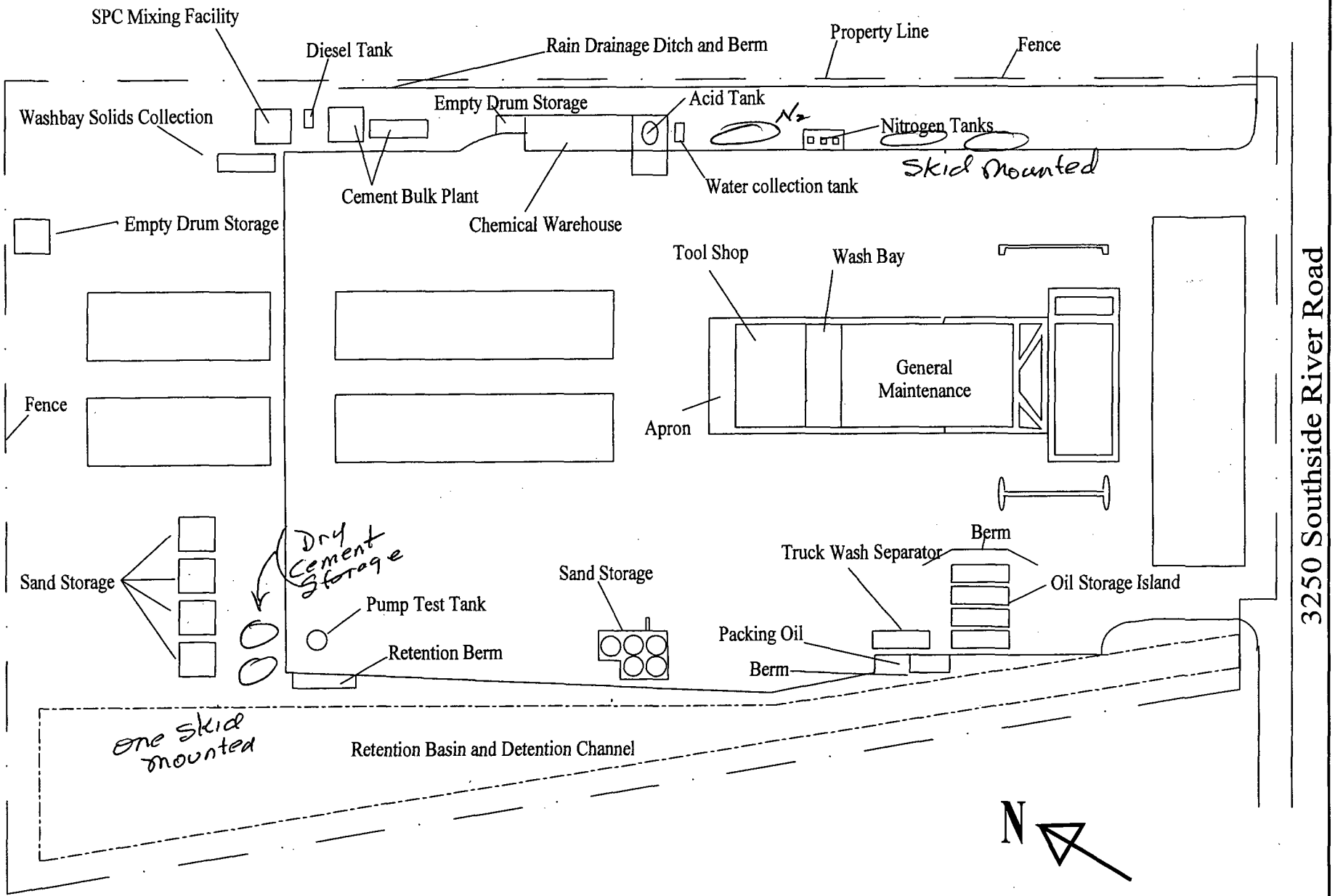
15. **Documents reviewed:**

DP in Hammer shed as well as in HQ building

Miscellaneous Comments:

Photos taken: _____

Documents Reviewed/Collected: _____



BJ Services Company, USA 11211 FM 2920 *Tomball, Texas 77375*	**Figure 1 : Site Location Map -**			
		Not To Scale	**REVISION DATE:** **9/24/01**	**DRAWN BY:** **JSG**

April 25, 2002

Mr. Wayne Price
New Mexico Oil Conservation Division
1220 S. Saint Francis Drive.
Santa Fe, NM 87504

RE: Renewal application for Farmington Discharge Plan GW-97

Dear Mr. Price,

As indicated in our notification sent 12 April 2002 to the OCD, BJ Services has enclosed a copy of its discharge plan renewal application for review. If you have any questions please don't hesitate to call me at 281-357-2573.

Sincerely,

Jason Goodwin
HSE Specialist

c: District III (Aztec-1 copy)
Jo Ann Cobb (Tomball)
Jeff Houghton (Farmington)

BJ Services Company, U.S.A. • 11211 FM 2920 • Tomball, TX 77375
Office: (281) 351-8131 • Fax: (281) 357-2585

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Revised January 24, 2001

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

DISCHARGE PLAN APPLICATION FOR SERVICE COMPANIES,GAS PLANTS, REFINERIES, COMPRESSOR, GEOTHERMAL FACILITES AND CRUDE OIL PUMP STATIONS

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

☐ New ☒ Renewal ☐ Modification

1. Type: OIL FIELD SERVICES COMPANY
2. Operator: BJ SERVICES COMPANY, USA

   Address: 3250 Southside River Road FARMINGTON, NM

   Contact Person: JASON GOODWIN Phone: (281) 357-2573
3. Location: W½ SW 1/4 NW 1/4 Section 13 Township 29 N Range 13 W
   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. CERTIFICATIONI hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: JASON GOODWIN Title: HSE SPECIALIST

Signature: [signature] Date: 4/25/02

BJ Services Company U.S.A.
Discharge Plan Renewal - 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: Jeff Houghton

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
11211 FM 2920
Tomball, Texas 77375
Contact: Mr. Jason Goodwin

V. Facility Description

See Attachment 1, Site Plan

I. Materials Stored or Used at the Facility

Material	General Makeup (includes additives)	Form	Type of Container	Estimated Volume Stored	Location
Acids	Hydrochloric Sulfamic Acetic Benzoic Formic	Liquid Solid Liquid Solid Liquid	Tank Sacks Drum Sacks Drum	10,000 gal 725 lbs 350 gal 200 lbs 250 gal	Acid dock Warehouse Warehouse Warehouse Warehouse
Truck Cleaner	Detergent	Liquid	Drum	110 gallons	Wash Bay
Parts Cleaner	Safety Kleen Solvent	Liquid	Drum	90 gallons	Shop
Salts, Dispersants, Retarders	Various products serve this function	Solid	Sacks	125,000 lbs	Warehouse
Paraffin Treatment, Emulsion Breakers, Surfactants	Various products serve these functions	Liquid	Drums	6500 gallons	Warehouse
Biocides	Xcide	Solid	Sacks	1200 lbs	Warehouse
Others	Sand Fly Ash Gellants Cement Gilsonite Nitrogen Fuel	Solid Solid Solid Solid Solid Liquid Liquid	Silos Silos Silos Silos Silos Tanks AST	1,400 Tons 800 sacks 18,500 lbs 4,200 sacks 3000 cu ft. 38,500 gal 20,000 gal	Yard Yard Yard Yard Yard Fuel Island Shop

II. Sources of Effluent and Waste Solids

Waste Stream	Source and Composition	Composition	Volume per Month
Truck Wash	Wash bay	Water/detergent Inert solids Oil	20,000 gal/month 16 yd3/month 4.5 gal/month
Junk Cement	Offsite well servicing	Off-spec cement	400 sacks/month
Used Oil	Truck maintenance in shop	Lubricants	300 gal/month
Spent Solvents	Parts cleaning	Non-Halogenated solvents	20 gal/month
Tires	Tire changing	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	100/month
General Trash	Operations at facility	Paper/cardboard/plastic trash	107 yd3/month
Sanitary Wastewater	Employees at facility	Water from restrooms	8500 gal/month
Used Filters	Truck maintenance in shop	Metal/fiber	60/month
Fuel Island runoff	Rain and cleaning	Water	400 gal/month
Acid Dock wastewater	Rain, spillage at dock	Water	2000 gal/month
Old/off-spec material	Products contaminated or over shelf life	Liquid/solid well servicing products	1 drum/month
Metal Scrap	Truck maintenance, well servicing	Steel, brass, copper, aluminum	8000 lbs/month
Antifreeze	Truck maintenance in shop	Ethylene glycol water	33 gal/month

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

Waste Type	On Site Handling	Disposal	Disposal Facilities
Truck Wash	Separated	POTW	POTW
Truck Wastes	Solids are separated into drying bed	Off-site	EnviroTech Inc. 5796 US Highway 64 Farmington, NM
Truck Wastes	Oil is separated and stored in an AST	Off-site recycling	D&D Oil PO Box 670 Bloomfield, NM
Junk Cement	Stored in bin	Used by various people	N/A
Used Oil	Stored in AST	Off-site recycling	D&D Oil PO Box 670 Bloomfield, NM
Spent Solvents	Stored in drums at shop	Off-site recycling	Safety-Kleen Corp. 4200 A Hawkins Road Farmington, NM
Tires	Stored at shop	Off-site recycling	Waste Management of Four Corners 101 Spruce Farmington, NM
Batteries	Stored at shop	Off-site recycling	Interstate Battery 615 Mountain NW Albuquerque, NM
Empty Drums	Stored in drum storage area at north end of facility	Off-site recycling	West Texas Drum 11107 County Road Odessa, Texas
General Trash	Stored in dumpsters	Off-site	Waste Management of Four Corners 101 Spruce Farmington, NM
Shop Absorbents	Stored in special dumpster in shop	Off-site	Waste Management of Four Corners 101 Spruce Farmington, NM
Sanitary Wastewater	Discharged	POTW	POTW
Used Filters	Crushed, oil goes to used oil AST and filters go to special dumpster	Off-site recycling	Safety-Kleen Corp. 4200 A Hawkins Road Farmington, NM
Fuel Island runoff	Stored in UST	Cycled through washbay separator	Cycled through washbay separator.
Antifreeze	Stored in shop	On-site recycling	On-site recycling
Metal Scrap	Drummed	Off-site recycling	Farmington Iron and Metal 4805 Herrera Road Farmington, NM
Acid Dock wastewater	Stored in AST	Recycled On-site	Used as makeup water
Old/off-spec material	Stored in drums	Offsite	Ashland Chemical 3101 Wood Drive Garland, Texas

IX. Proposed Modifications

There are no proposed modifications to the facility at this time.

X. Inspection and Maintenance

See Attachment 2, Base/District HSE Inspection Report

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.

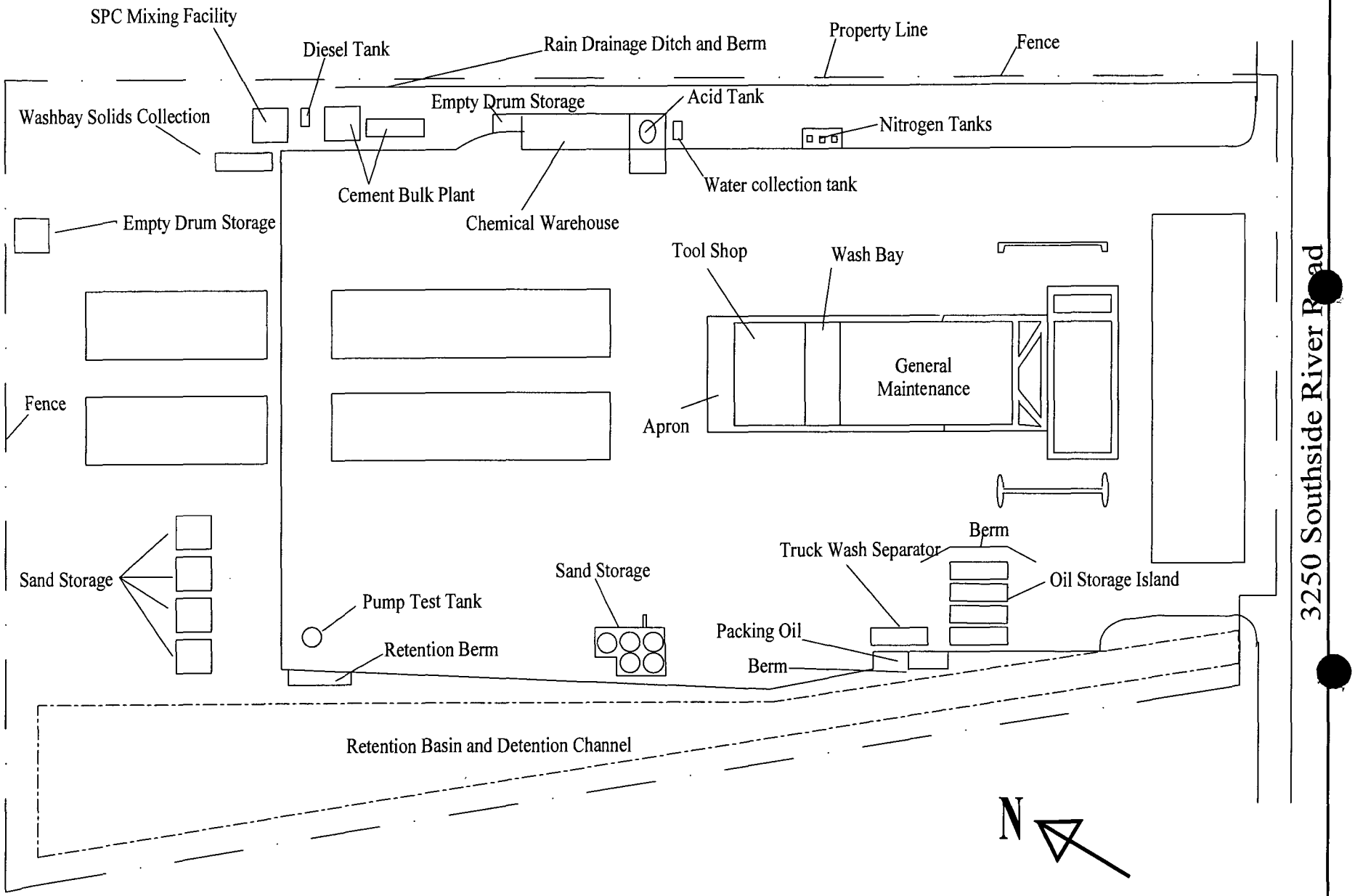
ATTACHMENT 1

SITE PLANS

BJ Services Company, USA
11211 FM 2920
Tomball, Texas 77375

Figure 1 : Farmington District

	Not To Scale	REVISION DATE: 04/24/02	DRAWN BY: JSG



BJ Services Company, USA
11211 FM 2920
Tomball, Texas 77375

Figure 1 : Site Location Map -

Not To Scale	REVISION DATE: 9/24/01	DRAWN BY: JSG

ATTACHMENT 2

BASE/DISTRICT HSE INSPECTION REPORT

US Inspection - 2002
Base/District HSE Inspection Report

Region: Pacific
District/Base: Alaska
Reviewer: Charlotte Bellon/BJS/BJSERVICES
Date of Inspection:
Inspection Status:
Facility Score = / X 100 = %

Key
N/A - Not Applicable (Default Value)
0 - Needs Immediate Attention
1 - Needs Attention
2 - Okay

1. GENERAL FACILITIES CONDITIONS	AREA REQUIRED	RATING
1. Current mandatory safety legislation posters	Office, shops	N/A
2. Local legislative accident log (e.g. OSHA 200 or equivalent)	Office	N/A
3. Emergency evacuation assembly point (posted, visible, unobstructed)	All areas	N/A
4. Emergency plans for fire, injury or chemical spill (posted, current)	All areas, All telephones	N/A
5. Emergency phone numbers posted (fire, ambulance, police, doctor, chemical spills, injuries)	All areas, All telephones	N/A
6. Fire alarm call point (in working order/visible)	All areas	N/A
7. Fire extinguishers - (operable, inspected, proper location, proper type)	All areas	N/A
8. Personal protective equipment (used as required)	All areas (except office)	N/A
9. PPE available for visitors or vendors	All areas (except office)	N/A
10. First aid kit (adequate nunber of, adequately stocked, highly visible)	Offices, shops	N/A
11. Trained first aiders at facility (sufficient number, identified, posted)	Facility	N/A
12. Safety signs and notices (sufficient number, all hazards, current)	All areas	N/A
13. Safety bulletin board (current)	Facility	N/A
14. Employer liability insurance certificate (current, displayed) UK only	Public areas	N/A
15. Entryway/gateway (signed, unobstructed)	Facility	N/A
16. Parking (sufficient, unobstructed, signed)	Facility	N/A
17. Road surfaces (safe, maintained)	Facility	N/A
18. Lighting (sufficient, working, assess both internal and external)	All areas	N/A
19. Heating and cooling system (radiators free/clear, system checked annually, adequate records)	All areas	N/A
20. Electrical panels and wiring (labeled, secure, maintained)	All areas	N/A
21. Landscape (presentable, maintained)	Facility	N/A
22. BJ Services company signs (visible, maintained)	Facility	N/A
23. Prohibited articles/substances sign (visible, maintained)	Facility	N/A
24. Safety signs for LTI free days (up to date, visible)	Facility	N/A
25. Notice to visitors and vendors (where to go, posted)	Facility	N/A
26. Speed limit signs (posted, visible, adhered to)	Facility	N/A
27. Security fence (sufficient, maintained)	Facility	N/A
28. Fixed stairs, ladders, walkways, handrails, gates and doors (maintained, clear, safe)	Facility	N/A
29. Emergency exits/routes (signed, unobstructed, site plan of)	All areas	N/A
30. Hazardous chemicals inventory (held locally, current)	Facility	N/A
31. Material safety data sheets (accessible locally, current) Dispatch?	All areas	N/A
32. Spills or leaks visible	All areas	N/A
33. Spill control material (available, appropriate, utilized)	All areas	N/A
34. Knowledge of environmental and safety (HSE) manuals	Facility	N/A
35. Knowledge of emergency response plans (fire, injury, spillage)	Facility	N/A
36. Surface-water/storm-water drains & discharge points free of oil,	All areas	N/A

debris, etc		
37. Site isolation valves marked/signed, access to, maintained (electricity, gas, water, drains)	Facility	N/A
38. Drains (surface/foul) emergency cut-off valves - where installed (work properly)	Facility	N/A
39. No open containers outside collecting water	All areas	N/A
40. Environmental Records present and in order	All areas	N/A
	TOTAL	**0**

2. SHOPS(S):	**RATING**
1. Hand tools (condition, noise, sufficient number, proper storage)	N/A
2. Grinding equipment (signs/visibility, tool rests, wheels inspected/maintained)	N/A
3. Welding and cutting equipment (stored properly, flash back arrestors, welding screens)	N/A
4. Cranes, hoists and jacks (capacity signed, periodic inspection, tested, records)	N/A
5. Lubrication area (clean, labeled, spill controls)	N/A
6. Parts storage (secure, labeled, clean, records)	N/A
7. Overhead storage area (posted for capacity, heavy items below, undamaged, secured to hazard points on floor)	N/A
8. Material safety data sheets (accessible locally, current) - Shop materials involved	N/A
9. Battery charging and storage area (separate, clean, ventilated)	N/A
10. Shop sumps clean & routinely maintained	N/A
11. Painting and paint storage area (contained, labeled, appropriate)	N/A
12. Cleaning agents and solvents area (storage, ventilated or enclosed, hazard signage, MSDS available)	N/A
13. Work benches (clean, tidy, vice condition)	N/A
14. Oily rag containers (enclosed, metal, labeled)	N/A
15. Lockout/tagout procedures (adhered, monitored, effective, understood)	N/A
16. Ladders (checked periodically and tagged, not painted)	N/A
17. Machine tools (pillar drill, lathe, etc.) (maintained, guarded, PPE available, signage, tested)	N/A
18. Used oil and filters being properly handled	N/A
19. Used anti-freeze being properly handled	N/A
20. Air compressors (belts guarded, auto start signage, PRV's checked annually/tagged)	N/A
21. Overhead doors (height marked, good working order)	N/A
TOTAL	**0**

3. LOCKER ROOM(S), WASHROOM(S), BREAK AREA(S)	**RATING**
1. Ventilation (adequate)	N/A
2. Showers and sinks (adequate, clean, maintained)	N/A
3. Toilets (adequate, clean, maintained)	N/A
4. Lockers (sufficient size/number, accessible, lockable)	N/A
5. Drinking water (available)	N/A
6. Sufficient personal storage and changing space (clean, maintained, adequate)	N/A
7. Any required regulations/posters	N/A
TOTAL	**0**

4.CANTEEN/KITCHEN	**RATING**
1. Food storage (refrigerated, contained, labeled, dry, ventilated)	N/A
2. Food segregation (meats, hot/cold, dairy isolated)	N/A
3. Cleanliness (floors, surfaces, preparation areas)	N/A
4. Waste disposal/storage (appropriate, labeled, managed)	N/A
5. Food hygiene signage (posted, appropriate)	N/A

6. Healthy living signage (posted, appropriate)	N/A
7. Washing equipment (adequate, clean maintained)	N/A
8. Cooking equipment (adequate, clean, maintained)	N/A
9. Ventilation (adequate, maintained)	N/A
10. Refrigeration/freezer (maintained)	N/A
11. Vermin (controlled)	N/A
12. Tables and chairs (sufficient, clean, structurally sound)	N/A
13. Utensils (sufficient number, clean, stored)	N/A
TOTAL	**0**

5. LABORATORY	**RATING**
1. Chemical containers (labeled, secure)	N/A
2. Only required chemicals on hand (labeled, secure)	N/A
3. Local extraction ventilation (installed, operable, maintained, records)	N/A
4. Gas bottle storage (secured, external where possible, regulators checked, labeled)	N/A
5. Safety shower and eyewash (maintained, tested)	N/A
6. Material safety data sheets (accessible locally, current)	N/A
7. Waste chemicals (correct storage, correct and regular disposal)	N/A
TOTAL	**0**

6. YARD/EXTERNAL EQUIPMENT STORAGE AREAS	**RATING**
1. Containers (appropriate, stacked, labeled)	N/A
2. Safe storage of waste (correctly segregated, labeled)	N/A
3. Pallets (adequate, maintained, safe)	N/A
4. Noise levels (signage, measured)	N/A
5. Flammable gas (caged, signed, segregated)	N/A
6. Road traffic signage (speed limits posted, warning signage for pedestrians)	N/A
7. Segregation of pedestrians/vehicles (walkways marked, railings)	N/A
8. PPE (signage, appropriate to risk assessed)	N/A
9. Racking (capacity signed, inspections, records, properly utilized)	N/A
10. Washbay sump(s) clean (routinely maintained and emptied)	N/A
TOTAL	**0**

7. FORKLIFT	**RATING**
1. Forks (condition, maintained, appropriate)	N/A
2. Pre-use check sheets (available, utilized)	N/A
3. Area FLT warning signage (visible)	N/A
4. Rated capacity shown on FLT	N/A
5. Backup alarm and/or flashing light (audible, working)	N/A
6. FLT Operators (trained, licensed, nominated)	N/A
7. Controls (operate properly, maintained)	N/A
8. Brakes (operate properly, maintained)	N/A
9. Horn (operates properly, maintained)	N/A
10. Seat condition (maintained, comfortable)	N/A
11. Headlights (sufficient, working)	N/A
12. Rollover protection fitted	N/A

	TOTAL	0

8. CEMENT WAREHOUSE & BULK PLANT	RATING
1. Material safety data sheets (accessible locally, current)	N/A
2. Gates, walkways, railings and ladders (maintained, clear, safe)	N/A
3. Climbing safety devices, harness (inspected, records, sufficient, available, utilized)	N/A
4. Dust collector (working properly, maintained, inspected)	N/A
5. Silo pressure relief valves (periodic inspection/ test /calibration, records)	N/A
6. Air compressors (belts guarded, auto start signage, PRV's checked annually/tagged)	N/A
7. Partial bags properly stored	N/A
TOTAL	0

9. CO2 / NITROGEN STORAGE	RATING
1. Warning signs (asphyxiation, cold burns)	N/A
2. Relief valve (checked annually/tagged)	N/A
3. Pumps and packing (operable, maintained)	N/A
4. Condition of equipment (hoses, stowed appropriately, gauges clean, operable)	N/A
TOTAL	0

10. ACID STORAGE	RATING
1. Gates, walkways, railings and ladders (maintained, clear, safe)	N/A
2. Pump, fittings, valves, piping and hoses (condition, maintained)	N/A
3. Tank contents identified and measured (type, capacity, labeled)	N/A
4. Scrubber (maintained, inspected)	N/A
5. Acid loading area clean and free of spills	N/A
6. Acid tank containment viable (walls and bottom)	N/A
7. UN specification buckets being used for hazardous material	N/A
8. Safety shower and eyewash (maintained, tested)	N/A
9. Spill kit (shovel, neutralizer)	N/A
TOTAL	0

11. PRESSURE TEST BAY	RATING
1. Enclosure secure (locks)	N/A
2. Access controlled	N/A
3. Walls/fittings protected	N/A
4. Windows protected	N/A
5. Warning lights (working, sufficient)	N/A
6. Warning signs (local, relevant,sufficient)	N/A
7. Controls and valves (secure area, inspected, tested, records)	N/A
8 Instruments (enter test, calibration date) :	N/A
9. Relief valves (enter test, calibration date) :	N/A
10. Maximum acceptable working pressure of testing system indicated	N/A
11. Risk assessment (available, read, understood, utilized)	N/A
12. Pressure testing procedure (available, read, understood)	N/A
TOTAL	0

12. HEAD RACK/IRON REBUILD	
1. Heads, manifolds, swages stored safely	N/A
2. Thread protectors	N/A
3. Baker vise or better	N/A
4. Hoist Adequate	N/A
5. Lifting chains safe	N/A
6. Adequate pipe wrenches	N/A
7. Pinpullers to standard	N/A
TOTAL	0

13. CHEMICAL WAREHOUSE	RATING
1. All chemicals (identified, labeled)	N/A
2. Proper stacking (drums and bag pallets no more than three [3] high)	N/A
3. Safety shower and eyewash (maintained, tested)	N/A
4. Hoses, piping and valves (clear, operable, stowed appropriately)	N/A
5. Tanks vented to outside	N/A
6. Proper chemical segregation (types, aisles, labeled)	N/A
7. Used spill material container (available, empty, clean, isolated)	N/A
8. Floors (flat, clean, impermeable)	N/A
9. Sump (empty, clean, isolated)	N/A
10. Racking (capacity signed, inspections)	N/A
11. Material safety data sheets (accessible locally, current)	N/A
12. Waste/surplus chemicals (routinely identified, correct storage, correct and regular disposal)	N/A
TOTAL	0

14. FUEL ISLAND	RATING
1. Pumps (barriered off)	N/A
2. Fuel storage (barriered off)	N/A
3. Hoses and pumps (condition, clean, proper type, date, stowed appropriately)	N/A
4. Waste container (metal, lidded, labeled)	N/A
5. Drip trays (drain to interceptor)	N/A
6. Fuel and oil tanks in secondary containment and free of spills	N/A
7. Fuel island area clean and free of spills	N/A
8. Fuel and oil tanks properly labeled	N/A
9. Proper containment (double wall tanks, bunds)	N/A
10. Filling nozzles (good working condition, locked off at night)	N/A
TOTAL	0

15. SAND STORAGE AREA	RATING
1. Electrical safe and clearly marked	N/A
2. Railing, walkways, ladders and stairs safe	N/A
3. Climbing safety devices	N/A
4. All drives guarded	N/A
5. Lighting	N/A
TOTAL	0

16. RADIATION STORAGE AREA	RATING
1. Current copy of RA licenses on display	N/A
2. Copy of RA "Notice to Employees" on display	N/A
3. BJ Services Radiation Protection Manual available	N/A
4. Country/State NRC regulations available	N/A
5. Storage area posted "Caution - Radioactive Material"	

	N/A
6. Are sources properly labeled ?	N/A
7. Storage area secure (lock working properly)	N/A
8. Utilization log available and current	N/A
9. Bill of Lading being used	N/A
TOTAL	**0**

17. Housekeeping

Things to look for:

- Cluttered and poorly arranged areas
- Untidy and dangerous piling of materials
- Items that are excess, obsolete or no longer needed
- Blocked aisleways
- Trip hazards (cables, boxes, hoses, loose items)
- Material stuffed in corners, on overcrowded shelves, in overflowing bins and containers
- Tools and equipment left in work areas instead of being returned to tool rooms, racks, cribs or chests
- Broken containers and damaged material
- Materials gathering dirt and rust from disuse
- Waste, scrap and excess materials that congest work areas
- Spills, leaks and hazardous materials creating safety and health hazards

Key
Select only the scores listed below.
N/A - Note Appilicable (Default Value)
0 - Needs Immediate Attention
1 - Poor
2 - Needs some attention
4 - Good - Meets standards

17. HOUSEKEEPING	RATING
A. PREMISES (incl YARD)	N/A
B. SHOP(S)	N/A
C. OFFICE(S)	N/A
D. LOCKER ROOM(S), WASHROOM(S), BREAK AREA(S), MESS ROOMS, CANTEEN(S)	N/A
E. LABORATORY	N/A
F. STORES & EQUIPMENTSTORAGE AREAS	N/A
G. CEMENT WAREHOUSE & BULK PLANT	N/A
H. CO2 / NITROGEN STORAGE	N/A
I. ACID STORAGE	N/A
J. PRESSURE TEST BAY	N/A
K. HEAD RACK/IRON REBUILD	N/A
L. CHEMICAL WAREHOUSE	N/A
M. FUEL ISLAND	N/A
N. SAND STORAGE	N/A
O. RADIATION STORAGE	N/A
TOTAL	0

ADDITIONAL COMMENTS

Attachments

Total Points 0

FACILITY CORRECTIVE ACTION

Refresh Corrective Actions

Corrective Actions Assigned to: **Due Date for Completion:**
Corrective Action Status:

Additional Points
Corrective Action:

Vehicle Corrective Action

Check a Sample of vehicles in yard for the following items and note any defects

For example check:- Seat Belt Operational, Seat Condition, Loose Objects in Cab, Loads Secure, Deck Equipment Secure, Vehicle Coupling Devices, Air Hoses & Connections, Ladders, Fire Extinguisher (UL Rating of 10B:C or more), First Aid Kit, Cab Glass, Wipers, Placard Holders, Mirrors, Lights & Reflectors, Brake/Engine/Washer Fluid Levels, Tires and Rims Condition, Tool Box, Spillage Control Materials & Equipment, All Documents Current, Annual Inspection Current.

NOTE: You must enter a resulting Corrective Action Taken By for EVERY Corrective Action Needed entry made in the table below and enter the name of the person assigned and the date that they took the action (closed it out).

UNIT #	CORRECTIVE ACTION NEEDED	CORRECTIVE ACTION TAKEN

If you are the relevant District/Facility Manager, Region/Country/Area Manager, District/ HSE Officer or Other Relevant Manager you should sign the report when you have read it. To add your signature to the appropriate section, click the **Edit** button (to enter Edit mode), then click on the **Review and Sign Off** button. This will add your name and the current date to the Accident Report in the relevant section below.

Reviewed and Signed Off by the Following:-

District Safety/Training Supervisor Doug VanAllen/SALBAKE/BJS/BJSERVICES

District Manager Richard Mounts/SALBAKE/BJS/BJSERVICES

Region Safety/Training Manager Jack Featheringill/BJS/BJSERVICES

Region Operations Manager Jeff Kaufmann/SALDENV/BJS/BJSERVICES

Other Relevant Personnel Heather McDowell/SALDENV/BJS/BJSERVICES

Created By: Charlotte Bellon on 04/24/2002

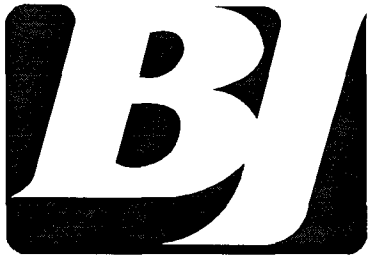
ATTACHMENT 3

FACILITY EMERGENCY REPSONSE CONTINGENCY PLAN

SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN

(Includes Contingency Plan)

Farmington, New Mexico



BJ SERVICES COMPANY, U.S.A.

October 15, 1999

Management Approval

Management has reviewed this SPCC Plan. The Plan has management's approval and will be implemented and periodically updated in accordance with 40 CFR 112 and applicable state requirements.

District	**Safety & Environmental Department**
_____	_____
Signature	Signature
_____	_____
Name	Name
_____	_____
Title	Title
_____	_____
Date	Date

Engineer's Certification

I hereby certify that I have examined the SPCC Plan for BJ Services Company, U.S.A. Farmington District and found that it has been prepared in accordance with good engineering practices and meets the intent and objectives of 40 CFR 112 as amended.

_____	_____
Signature, Registered Professional Engineer	Name
_____	_____
Registration Number and State	Date

Table of Contents

SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN

(Includes Contingency Plan)

BJ Services Company, USA

3250 Southside River Rd.
Farmington, New Mexico

1.0 INTRODUCTION

1.1 Purpose

The purpose of the Spill Prevention Control and Countermeasure (SPCC) Plan is to prevent the discharge of petroleum products into the waters of the United States. This will be accomplished by preventing spills and detailing clean up and recovery measures by focusing on prevention, point source control, emergency spill control, and secondary containment.

1.2 General Requirements

This SPCC Plan must be reviewed at least once every three years to include recently developed prevention and control technology, if such technology will significantly reduce the likelihood of a spill event from the facility and if such technology has been field-proven at the time of the review, (40 CFR 112.5 [b]); certification is required by a registered professional engineer (40 CFR 112.5 [c]). A document review history form is included as the last page of this plan.

This SPCC Plan must be amended whenever there is a material change in facility design, construction, operations or maintenance that alters the potential for a petroleum product spill or whenever a facility has:

1. Discharged more than 1,000 gallons into navigable waters in a singale spill event, or
2. Discharged petroleum products in harmful quantities into navigable waters in two reportable spill events within any 12-month period (40 CFR 112.4 and 40 CFR 112.5).

A copy of this SPCC Plan must be submitted to the EPA and the appropriate State agency after a spill meeting the criteria described in Items 1 or 2 occurs. When amendments to the SPCC Plan are directed by the EPA Administrator or the State, they must be implemented within six months. The provisions of this SPCC Plan will be immediately carried out whenever there is a fire, explosion or release that could threaten human health or the environment. Copies of this SPCC Plan and all revisions will be maintained at the Farmington, New Mexico facility.

2.0 FACILITY OPERATIONS

2.1 Description of Facility Operations

BJ Services Company, USA Farmington is an oil field service facility that operates 24 hours a day, 7 days a week. It engages in well fracturing, well acidizing, well cementing, truck maintenance, truck washing, fuel storage and dispensing, bulk sand storage and dispensing, cement storage and dispensing, chemical storage and dispensing, and bulk oil storage.

The facility consists of an office building, shop building, warehouse, general maintenance building, aboveground storage tanks, fuel dispensing equipment, truck wash water separator, truck wash rack, bulk cement facility and yard for truck parking and equipment storage.

Site Data:

A.	**Name of Facility:**	BJ Services Company, USA
B.	**Type of Facility:**	Oil Field Service Company
C.	**Date of Initial Operation:**	April 24,1980
D.	**Facility Location:**	3250 Southside River Rd. Farmington, New Mexico
E.	**Owner Name/Address:**	BJ Services Company, USA 5500 Northwest Central Drive Houston, TX 77092
F.	**Operator Name/Address:**	BJ Services Company, USA 5500 Northwest Central Drive Houston, Texas 77092
G.	**EPA ID Number:**	NMD000804419
H.	**Name and Title of Spill Prevention Coordinator (SPC):**	Les Baugh, Facility Supervisor
I.	**District Manager:**	Jeff Houghton

2.3 Oil Products Spill History

This facility has not experienced an oil products spill event as defined by 40 CFR 112 in its history of operations.

Potential Spill Areas

Location	Container Type and Capacity (gallons)	Contents	Failure Type	Stored Amount (gallons)	Containment
A	2-10,000 ASTs	Diesel	Rupture – Leak	4 - 8,000 (Each Tank)	*Concrete Wall
	2-500 gal AST	Motor Oil	Rupture – Leak	375 (Each Tank)	*Concrete Wall
	1-1,000 gal AST	Packing Oil	Rupture – Leak	750	*Concrete Wall
	1-1,000 gal AST	Used Oil	Rupture – Leak	750	*Concrete Wall
	Separator	Oily Water	Overflow	1,000	*Concrete Wall
B	1-4000 gal Tank	Diesel	Rupture – Leak	1,500-2500	*Concrete Wall
	1-10,000 Tank	Slurry Polymer Gel (LFC)	Rupture – Leak	1,000 –1500	*Concrete Sump
C	1-750 gal Tank	Used Oil	Rupture – Leak	565	*Steel Box
	1-750 gal Tank	Motor Oil	Rupture – Leak	565	*Steel Box
	55-gal Drums	Oil	Rupture - Leak	550 gal	Asphalt Berm
D	1-25,000 gal Tank	Hydrochloric Acid	Rupture - Leak	12000 – 15000	*Concrete Wall
	Drums (120)	Misc. Chem.	Rupture – Leak	55 gal EA.	*None

* On Concrete Foundations	UST–Underground Storage Tank	AST–Above Ground Storage Tank

2.4 Facility Drainage

Facility drains from east to west to drainage ditch at bottom of yard then south to street and west down street drainage. See drainage diagram on Figure 1.

2.5 Storage Facilities

Area A: **Fuel Island** – This area consists of 2 – 10,000 gallon diesel ASTs, 2-500 gallon motor oil ASTs, 1-1,000 gallon packing oil AST, and 1-1,000 gallon used oil AST used to fuel, oil, and service mobile field equipment. These tanks are on a concrete foundation and within concrete containment walls.

Area B: **LFC Blending Area** – used to store and mix slurried gels (liquid frac concentrate) for field use. Contains 1-4,000 gallon diesel AST on concrete foundation within concrete wall, 1-10,000 gallon AST on concrete foundation and within concrete curb. A concrete sump is also located in this area to provide containment.

Area C: **Maintenance Shop** – Repair and maintenance facility for field equipment. Contains 1-750 gal used oil AST, 1-750 gal motor oil AST and 10 -55 gal oil drums on concrete foundation.

Area D: **Warehouse** – Storage and loading of drummed chemicals and bulk hydrochloric acid blends. Contains 1-25,000 gallon hydrochloric acid AST on concrete foundation within concrete wall. Warehouse contains approximately 120-55 gal drums on concrete foundation.

2.6 Description of Facility Transfer Operations

TRANSFER OPERATIONS AND FREQUENCY

Area A: **Fuel Island** - Diesel, Motor Oil, Packing Oil is dispensed from the ASTs through piping and hoses to equipment being serviced. Hoses from supply vehicles fill tanks. The used oil is transferred from field unit to used oil storage in catch pans. The used oil AST is pumped out by oil recycling vendor through hoses by vacuum truck approximately once per month or as required. The diesel, packing oil, motor oil and used oil are used daily.

Area B: **LFC Plant** - Mix diesel is pumped from diesel storage tank through piping and hose to storage mixing tank. The mixed slurried polymer gel is pumped into mobile field equipment as required. The system is operated intermittently as usage demands. The diesel storage tank is filled from supply vehicle through hoses.

Area C: **Maintenance Shop** - Motor oil is pumped through piping and rubber lines to dispensers used to service field equipment. Motor oil tanks are filled from supply truck by hoses. Used oil is transferred to temporary storage basin in catch pans then pumped into storage tank by air diaphragm pump. Used oil is pumped from used oil storage tank by disposal vendor through hoses as required. Drums are moved by fork lift or drum dolly as needed and pumped into various field units being serviced by air pumps through hoses. The oils are used daily.

Area D: **Chemical Warehouse** – Hydrochloric acid blends are loaded from AST to field units through hoses by gravity. Various chemicals added to HCl blends are pumped through hoses to field units by air diaphragm pump. Drums are loaded onto field trucks from storage in the warehouse by forklift. Facility is used daily.

3.0 SPILL PREVENTION AND CONTROL PROCEDURES

3.1 Location and Description of Emergency Spill Response Supplies

The facility is prepared to contain and recover a spill on-site. Supplies necessary for spill containment and recoveries are:

- Shovels to construct temporary berms and containment depressions
- Secondary containment/barrier materials that will be used to encircle a spill and prevent migration
- Sorbants such as mats, rags, socks and granules

This equipment is maintained by the Spill Prevention Coordinator and is located near Areas A, B, C and D. Personnel are prepared to use them properly during a spill event.

3.2 Removal of Spills

Areas A, B, C and D

The procedure for handling a spill is as follows:

- Barrier materials will be appropriately placed to keep spills from leaving the boundaries of the site and to keep material pooled.
- Absorbent materials will be placed on the spill as needed.
- Absorbent materials will be collected and placed into DOT approved drums.
- The drums will be transported by a licensed transporter to an approved disposal site.

3.3 Personnel Training

The facility is responsible for training its personnel in the operation and maintenance of equipment to prevent the discharge of oil products as required by 40 CFR 112 and 40 CFR Chapter 1, Subpart D. The training schedule will consist of frequent briefings with at least one briefing to assure adequate understanding of the SPCC Plan. The Spill Prevention Coordinator will maintain training records.

Training will be scheduled for the following:

- Initial assignment training for new employees
- Annual refresher training
- Special training sessions to be conducted for review of spill events or other events that trigger amendments to the SPCC Plan

Training Program content:

- Individual responsibility for plan implementation
- Identification of operations and areas of potential spills
- Spill prevention strategies
- Location of emergency response equipment
- Emergency procedures
- Spill control measures including operation of equipment to prevent discharges
- Emergency contacts and chain of command
- Corrective action procedures
- Record keeping
- SPCC Plan Modifications

Response to a Spill:

An employee who identifies a spill will take action to control the spill and then will notify the Spill Prevention Coordinator.

3.4 Storage Procedures

No storage container will be used unless its material and its construction are compatible with the material stored and the conditions of storage such as pressure, temperature, corrosivity, as well as other compatibility considerations. All bulk storage tank installations will be constructed so that a secondary means of containment is provided for the entire contents of the largest singale tank plus precipitation.

3.5 Transfer Operation Procedures

All personnel of the BJ Services Company, USA Farmington shall ensure that the following precautionary measures are taken during transfer procedures in all areas of the facility:

- No smoking in the vicinity of flammable and/or explosive tanks, drums or carrier vehicles.
- Transferring vehicle will set parking brake.
- Verify that the volume being transferred is less than the unfilled volume of the receiving container.
- Trained personnel will conduct and/or oversee the transfer operation.
- Clean up any material dripped or spilled during the transfer.

3.6 Security

The facility operates 24 hours per day, 7 days per week. A trained dispatcher has access to the facility 24 hours per day.

3.7 Illumination

External lights on buildings and light poles located throughout the site light the work areas of the facility during the hours of darkness.

3.8 Inspection and Recording Procedures

Facility reviews that include aspects of the facility's SPCC program are conducted at the facility on a regular basis. These facility reviews are conducted annually by the Corporate Safety and Environmental Group, at least semiannually by the Regional Safety and Training Manager, and periodically by the Spill Prevention Coordinator or his designee. The inspections will include potential spill sources such as:

- Storage tanks
- Drums
- Containers
- Piping and hoses
- Separators
- Loading and unloading areas

Aboveground tanks and assorted containers should be checked visually for tightness integrity.

All aboveground valves and piping should be inspected regularly by operations personnel to determine their general condition.

Availability of spill response equipment and supplies will also be checked during these inspections. Deficiencies will be reported to the Spill Prevention Coordinator.

The Spill Prevention Coordinator will maintain inspection records. Completed inspection records will be maintained in the facility environmental files for a period of three years.

4.0 CONTINGENCY PLAN

4.1 Emergency Response Action List

District Manager
Jeff Houghton
6940 Alyssa Court
Farmington, New Mexico 87401
(w) 505-327-6222
(h) 505-324-0318

Spill Prevention Coordinator
Les Baugh
4509 Celtic Ave.
Farmington, New Mexico
(w) 505-327-6222
(h) 505-327-5844

Fire Department.....911

Ambulance.....911

Physician.....911

Hospital.....911

Clean-up Contractor.....CURA Emergency Services (CES)
.....1-800-579-2872

Law Enforcement.....911 – POLICE

BJ Services Company, USA – Manager of Environmental Services

Jo Ann Cobb.....(w) 281/351-8131

4.2 Emergency Procedures

During an emergency, the Spill Prevention Coordinator will take all reasonable measures necessary to ensure that fires, explosions and releases do not occur, recur or spread to other areas of the facility. Those measures must include, where applicable, stopping processes and operations and collecting and containing spill material. If the facility stops operations in response to a fire, explosion or release, the Spill Prevention Coordinator must monitor for leaks, pressure buildup or ruptures in valves, pipes or other equipment, wherever this is appropriate.

Response to Spills

The facility employees will be made aware of the need to report all spills, with the exception of minor spills or drips. When observing a spill, personnel on the scene will immediately notify the Spill Prevention Coordinator and take emergency remedial action to mitigate the damage.

4.3 Corrective Action

If a significant spill or other event occurs, a meeting that includes all relevant personnel will be held to discuss causes of the situation, remedial activities and preventative measures. The meeting will be documented and the SPCC Plan amended as necessary. Personnel will receive additional training as necessary to prevent future incidents and to review SPCC Plan revisions.

4.4 Spill Reporting and Documentation

The Facility Spill Prevention Coordinator is responsible for all reporting and documentation procedures. Spills entering the drainage ditches that are located on the sides of the facility in harmful quantities as defined by 40 CFR 110.3 are required to be reported under 40 CFR 110.10. The facility will document for its own records all spills onto its site with the exception of minor spills and drips. Spill reporting and documentation procedures are as follows:

- The Spill Prevention Coordinator, when notified that a spill has occurred, will complete a BJ Spill Report Form.

- If it is determined by the Spill Prevention Coordinator that the spill has entered off-site ditches, the Coordinator will proceed with the following report procedures:

  Notify BJ Services Company, USA Safety & Environmental Department:

  Jo Ann Cobb **281/351-8131**
  8701 New Trails Drive
  The Woodlands, TX 77381

- BJ Services Company, USA Environmental Department will contact state and federal agencies and will submit the written spill documentation information.

  1. Notify and file a copy of the spill documentation form with the New Mexico Environment Deparment.

  New Mexico Environment Department **505/827-9329**
  1190 St. Francis Drive, Harold Runnels Building
  P.O. Box26110
  Santa Fe, New Mexico 87502-6110

2. Call the National Response Center and report that a spill has occurred.

3. Notify and file a copy of the spill documentation form with the Environmental Protection Agency.

EPA Region VI **(214) 655-6444**
1445 Ross Avenue, Suite 1200
Dallas, TX 75202-2733

AFFIDAVIT OF PUBLICATION

Ad No. 46536

STATE OF NEW MEXICO
County of San Juan:

CONNIE PRUITT, being duly sworn says: That she is the Advertising 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 meeting of Chapter 167 of the 1937 Session Laws of the State of New Mexico for publication on the following day(s): Tuesday, July 30, 2002.

And the cost of the publication is $77.00

Connie Pruitt

ON 7-31-02 CONNIE PRUITT appeared before me, whom I know personally to be the person who signed the above document.

Ginny Beck

My Commission Expires April 2, 2004.

COPY OF PUBLICATION

918 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 applications has been submitted to the Director of the Oil Conservation Division, 1220 S. Saint Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

(GW-097) -BJ Services Company, Jason Goodwin, (281) 357-2573, 11211 FM 2920, Tomball, Texas, 77375, 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 20,000 gallons per month 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 oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

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

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the director will approve or disapprove the proposed plan based on 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 26th day of December 2002.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

SEAL

LORI WROTENBERY, Director

Legal No. 46536, published in The Daily Times, Farmington, New Mexico, Tuesday, July 30, 2002.

THE SANTA FE
NEW MEXICAN
Founded 1849

RECEIVED
AUG 13 2002
Environmental Bureau
Oil Conservation Division

NM OIL CONSERVATION DIVISION
ATTN: WAYNE PRICE
1220 S. ST. FRANCIS DR.
SANTA FE, NM 87505

AD NUMBER: 273299 ACCOUNT: 56689
LEGAL NO: 71894 P.O.#: 02199000249
198 LINES 1 time(s) at $ 87.29
AFFIDAVITS: 5.25
TAX: 5.78
TOTAL: 98.32

NOTICE OF PUBLICATION

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

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 26th day of December 2002.
STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

S E A L

LORI WROTENBERY, Director
Legal #71894
Pub. July 31, 2002

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO
COUNTY OF SANTA FE

I, B Perner being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily newspaper 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 #71894 a copy of which is hereto attached was published in said newspaper 1 day(s) between 07/31/2002 and 07/31/2002 and that the notice was published in the newspaper proper and not in any supplement; the first publication being on the 31 day of July, 2002 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
2 day of August A.D., 2002

Notary Laura R. Harding

Commission Expires 11/23/03

NOTICE OF PUBLICATION

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

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 26th day of December 2002.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

for LORI WROTENBERY, Director

SEAL

NOTICE OF PUBLICATION

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

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 26th day of December 2002.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

SEAL

for LORI WROTENBERY, Director

ACKNOWLEDGEMENT OF RECEIPT OF CHECX/CASH

I hereby acknowledge receipt of check No. [redacted] dated 4/10/02

or cash received on _____ in the amount of $ 100.00

from BJ SERVICES CO.

for FARMINGTON GW-97
(Facility Name) (OCD No.)

Submitted by: WAYNE PRICE Date: 4/16/02

Submitted to ASD by: _____ Date: 4/16/02

Received in ASD by: _____ Date: _____

Filing Fee ✓ New Facility ___ Renewal ___

Modification ___ Other _____
(specify)

Organization Code 521.07 Applicable FY 2002

To be deposited in the Water Quality Management Fund.

Full Payment ___ or Annual Increment ___

BJ SERVICES COMPANY
BJ Services Company U.S.A.
P.O. BOX 4442
HOUSTON, TX 77210
713/462-4239

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

50-937
213

VENDOR NO.	CHECK NO.
126792	[redacted]

CHECK DATE	CHECK AMOUNT
04/10/02	*******100.00

PAY ONE HUNDRED AND 00/100 **********

STATE OF NEW MEXICO
ENERGY MINERALS & NATURAL RESOURCES DE
OIL CONSERVATION DIVISION
1220 SOUTH ST FRANCIS DR
SANTA FE NM 87504

GW-97

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

[redacted]

Price, Wayne

From: Jason_Goodwin@bjservices.com
Sent: Friday, April 12, 2002 8:45 AM
To: wprice@state.nm.us
Cc: JCobb@bjservices.com
Subject: Farmington Discharge Plan Renewal

Wayne,

BJ Services Company, USA is notifying the New Mexico Oil Conservation Division of its Renewal efforts regarding its Farmington, NM Discharge Plan No. GW-97. BJ is submitting a $100.00 dollar renewal fee immediately, with the Renewal Documentation to follow by the end of April 2002. BJ hopes that this is sufficient to stay within compliance of the 120 day application time constraints. If you have any questions regarding this matter, please don't hesitate to call me.

Thankyou for your attention,

Jason Goodwin
HSE Specialist
Phone: 281-357-2573
Fax: 281-357-2585

April 12, 2002

Mr. Wayne Price
New Mexico Oil Conservation Division
1220 S. Saint Francis Drive.
Santa Fe, NM 87504

RE: Notification of Intent to Renew Farmington Discharge Plan GW-97

Dear Mr. Clarke,

BJ Services Company, U.S.A. (BJ Services) would like to notify you of our intent to Renew our Discharge Plan, Farmington District. Enclosed is the renewal fee of $100.00 with renewal application to follow by the end of April 2002. If you have any questions or concerns during your review of this plan, please contact me at (281) 357-2573, or Jo Ann Cobb at (281) 357-2572. Thank you.

Sincerely,

Jason Goodwin
HSE Specialist

c: Jo Ann Cobb (Tomball)
Jeff Houghton (Farmington)

BJ Services Company, U.S.A. • 11211 FM 2920 • Tomball, TX 77375
Office: (281) 351-8131 • Fax: (281) 357-2585

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Revised January 24, 2001

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

DISCHARGE PLAN APPLICATION FOR SERVICE COMPANIES,GAS PLANTS, REFINERIES, COMPRESSOR, GEOTHERMAL FACILITES 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

   Contact Person: Les Baugh Phone: (505) 327-6222
3. Location: W½ SW1 E½ SE1 /4 NW1 NE1 /4 Section 13 14 Township 29 North Range 18 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. Discharge Plan

11. Attach a contingency plan for reporting and clean-up of spills or releases. SPCC Plan

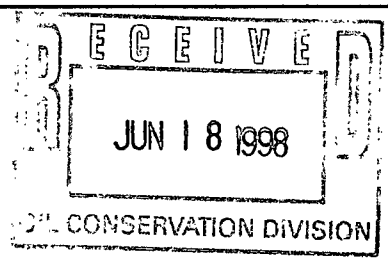
12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included.

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

Name: JASON GOODWIN Title: HSE SPECIALIST

Signature: Date: 4/12/02



June 12, 1998

CERTIFIED MAIL NO. Z 235 400 921
RETURN RECEIPT REQUESTED

Ms. Lori Wrotenbery
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; Conditions Signature Sheet

Dear Ms. Wrotenbery:

Please find enclosed a signed copy of the discharge plan modification approval conditions. 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

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)

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 Jo Ann Cobb
Title
Mgr. Env. Services

RECEIVED
JUN 12 1998
OIL CONSERVATION DIVISION

June 5, 1998

CERTIFIED MAIL NO. P 414 630 980
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: BJ Services Company, USA; Farmington, NM Facility; Discharge Plan Minor Modification

Dear Mr. Ashley:

BJ Services needs to make a slight modification to the discharge plan for the above referenced facility. BJ Services will be adding an additional 3,000 cubic foot storage silo to our bulk plant for storage of gilsonite. BJ Services has also modified the discharge plan to reflect the permanent removal of the acidic waste tank and field waste tank. Please find enclosed two complete copies of a completed application.

This facility modification will not increase any waste stream from the facility and should require little or no cost for investigation or issuance; therefore, I have enclosed no modification fee (as per our conversation 6/4/98). 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)

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

Submit Orig
Plus 1 Co
to Santa
1 Copy to appropri
District Of

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: W½ SW1 NW1 13
   E½ 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 facilit
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 was 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 include
13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OC rules, regulations and/or orders.
14. CERTIFICATION

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

    NAME: JO ANN COBB Title: MANAGER, ENVIRONMENTAL SERVICES

    Signature: Jo Ann Cobb Date: 6-5-98

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
	Gilsonite	*Solid*	*Silos*	*3000 cu.ft*	*Yard*
	Nitrogen	Liquid	tanks, transports	38304 gal	Yard
	Fuel	Liquid	Aboveground Storage Tanks	20,000 gal (2-10K tanks)	Fuel Island Area
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 yd3/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	107yd3/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	separated	POTW
	solids	separated into drying bed	Envirotech Inc.5796 U.S. Highway 64, Farmington NM
	oil	separated and stored in AST	Recycled by D&D Oil, P.O. Box 670 Bloomfield NM
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 wastewater	stored in AST	Used as make-up water
Old/off-spec material	stored in drums	Ashland Chemical 3101 Wood Drive, Garland TX.

IX. Proposed Modifications

A 3000 cu.ft storage silo will be erected at the current bulk plant location for storage of gilsonite. The acidic waste tank and field waste tank (both USTs) have been permanently removed from service and the ground.

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

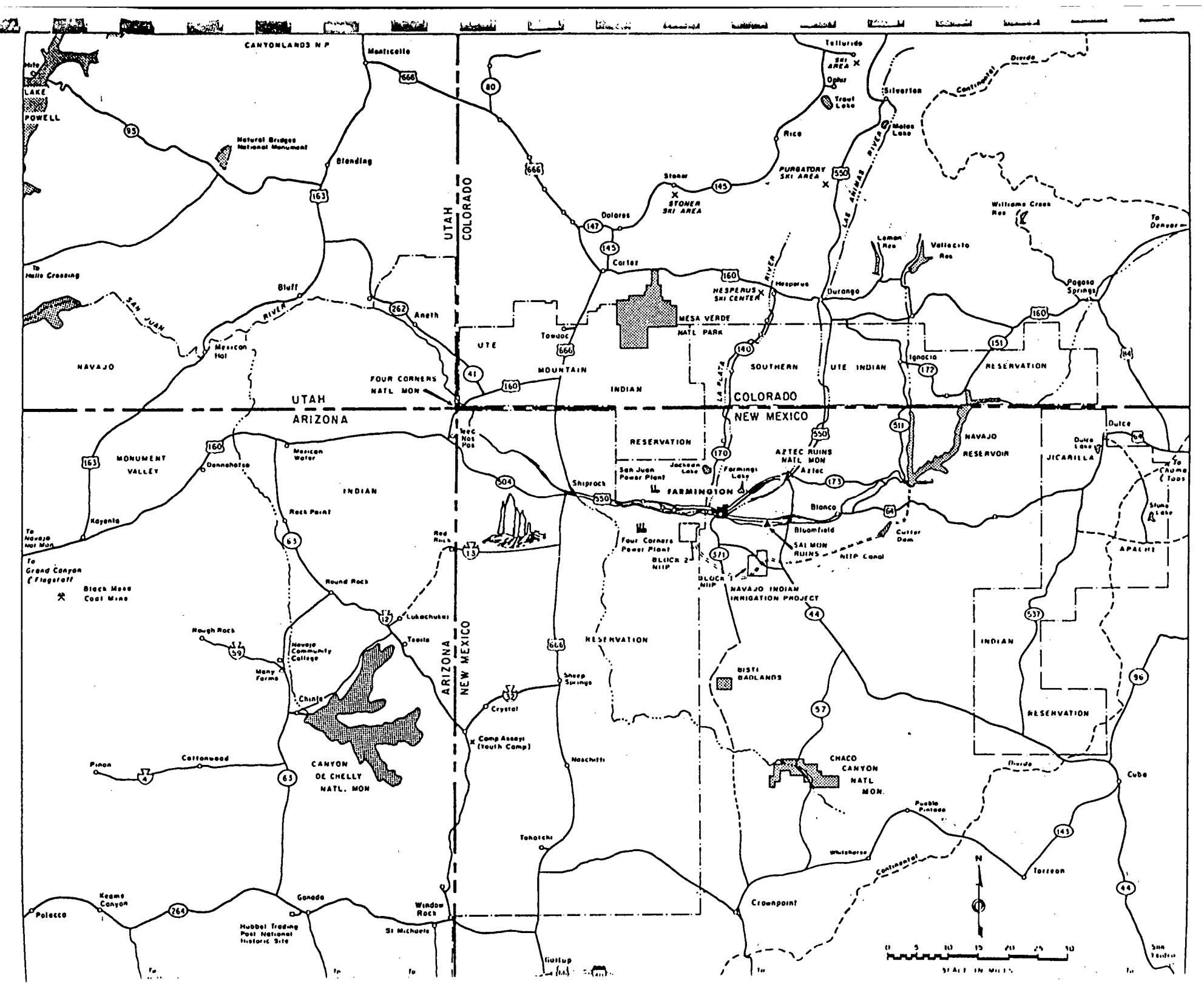
Bodies of Water: The Animas River is approximately 1 mile northwest of the property line. The San Juan River is approximately 1.5 miles south of the facility.

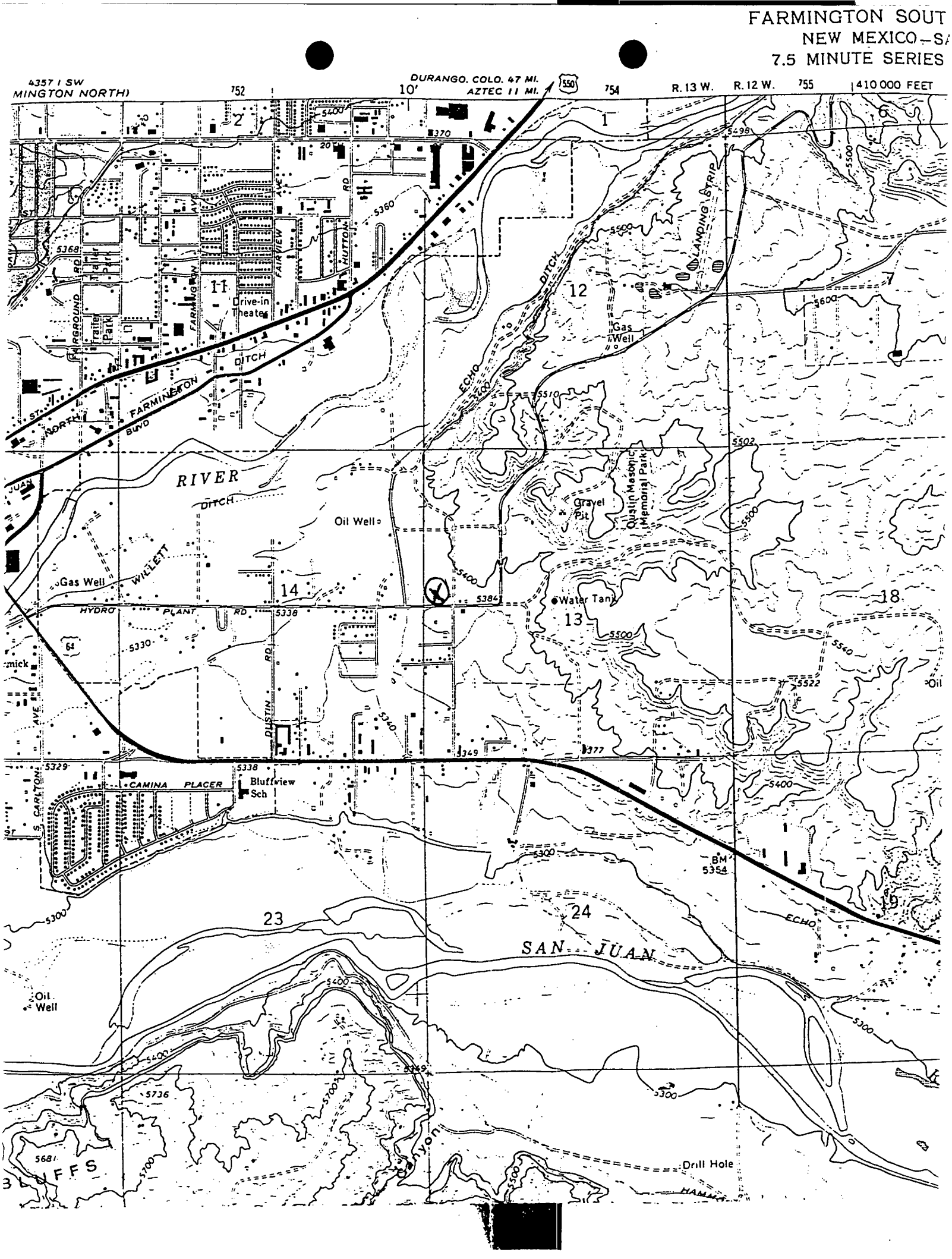
Groundwater is at approximately 25 feet. The water is fresh with a field tested conductivity of 2,000 to 3,400 uS/cm. The estimated TDS (total dissolved solids) is 1,500 to 2,500 ppm. Field tested pH is 6.6 to 7.3

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 N P
LAKE POWELL
Natural Bridges National Monument
Blanding
Monticello
Bluff
To Halls Crossing
SAN JUAN RIVER
Mexican Hat
Aneth
NAVAJO
UTAH
COLORADO
FOUR CORNERS NATL MON
UTE MOUNTAIN INDIAN RESERVATION
Towaoc
MESA VERDE NATL PARK
Cortez
Dolores
Stoner
STONER SKI AREA
Rico
Telluride
Ski Area
Ophir
Trout Lake
Silverton
Molas Lake
PURGATORY SKI AREA
LAS ANIMAS RIVER
Continental Divide
Williams Creek Res
To Denver
Lemon Res
Vallecito Res
Hesperus
HESPERUS SKI CENTER
Durango
Pagosa Springs
LA PLATA RIVER
SOUTHERN UTE INDIAN RESERVATION
Ignacio
NEW MEXICO
ARIZONA
MONUMENT VALLEY
Kayenta
To Navajo Nat Mon
To Grand Canyon & Flagstaff
Black Mesa Coal Mine
Dennehotso
Mexican Water
Rock Point
Red Rock
Round Rock
Lukachukai
Rough Rock
Navajo Community College
Many Farms
Chinle
Tsaile
CANYON DE CHELLY NATL. MON
Pinon
Cottonwood
Keams Canyon
Polacca
Ganado
Hubbel Trading Post National Historic Site
Window Rock
St Michaels
Sheep Springs
Crystal
Comp Assayt (Youth Camp)
Naschitti
Tohatchi
Gustup
Tsee Nos Pos
Shiprock
San Juan Power Plant
Jackson Lake
Farmington Lake
FARMINGTON
AZTEC RUINS NATL MON
Aztec
Bloomfield
Blanco
Four Corners Power Plant
BLOCK 2 NIIP
BLOCK 1 NIIP
SAN JUAN RUINS
NIIP Canal
Cutter Dam
NAVAJO INDIAN IRRIGATION PROJECT
NAVAJO RESERVOIR
JICARILLA APACHE RESERVATION
Dulce
Dulce Lake
To Chama & Taos
Stone Lake
BISTI BADLANDS
CHACO CANYON NATL MON.
Pueblo Pintado
Whitehorse
Crownpoint
Torreon
Cuba
Continental Divide
N
0 5 10 15 20 25 30
SCALE IN MILES


FARMINGTON SOUT
NEW MEXICO—S
7.5 MINUTE SERIES
4357 I SW
MINGTON NORTH)
752
DURANGO, COLO. 47 MI.
AZTEC 11 MI.
550
754
R. 13 W.
R. 12 W.
755
410 000 FEET
10'
Drive-in Theater
Trailer Park
FARMINGTON AVE
FAIRVIEW
HUTTON RD
FARMINGTON
ST
NORTH
BLVD
DITCH
ECHO
LANDING STRIP
Gas Well
Gravel Pit
Austin Masonic Memorial Park
RIVER
Oil Well
WILLETT
HYDRO PLANT RD
Water Tank
DUSTIN RD
CAMINA PLACER
Bluffview Sch
S CARLTON AVE
BM 5354
SAN JUAN
Drill Hole
BLUFFS
1
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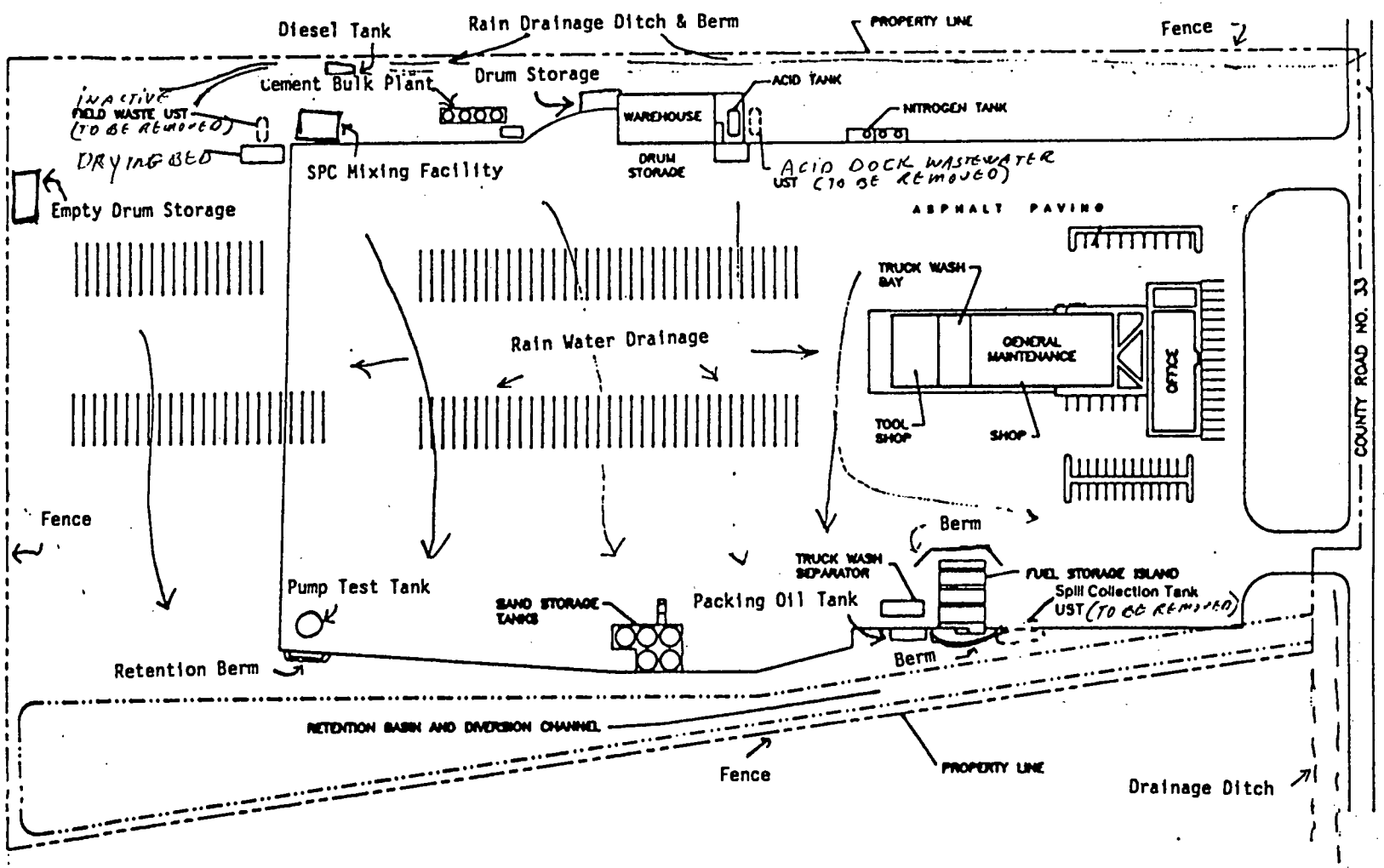


FIGURE 3-2

SITE PLAN
FARMINGTON, NEW MEXICO
FOR
BJ SERVICES CO. U.S.A.

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,	All telephones	_____
police, ambulance, doctor, chemical spills	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 fountain	_____
	TOTAL_____

7. HEAD RACK

A. Housekeeping and appearance _____
B. Heads, manifolds, swages stored safely _____
C. Thread protectors in use _____
D. Baker rise 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:

Points		Category	Facility Total Points
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

2. GENERAL CONDITIONS (CONTINUED)

_____ H. PRESENCE AND KNOWLEDGE OF MSDS

_____ I. FORKLIFTS & DRUM HANDLING EQUIPMENT IN GOOD CONDITION

_____ J. EMPTY DRUMS BEING HANDLED PROPERLY

_____ **TOTAL**

_____ **FACILITY TOTAL**

_____ 4. DAILY INVENTORY RECORDS FOR USTS MAINTAINED (Y, N, NA)

_____ 5. NUMBER OF DRUMS FOR DISPOSAL

6. GENERAL COMMENTS AND/OR RECOMMENDATIONS

MANAGER:	**REVIEWER:**

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

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.

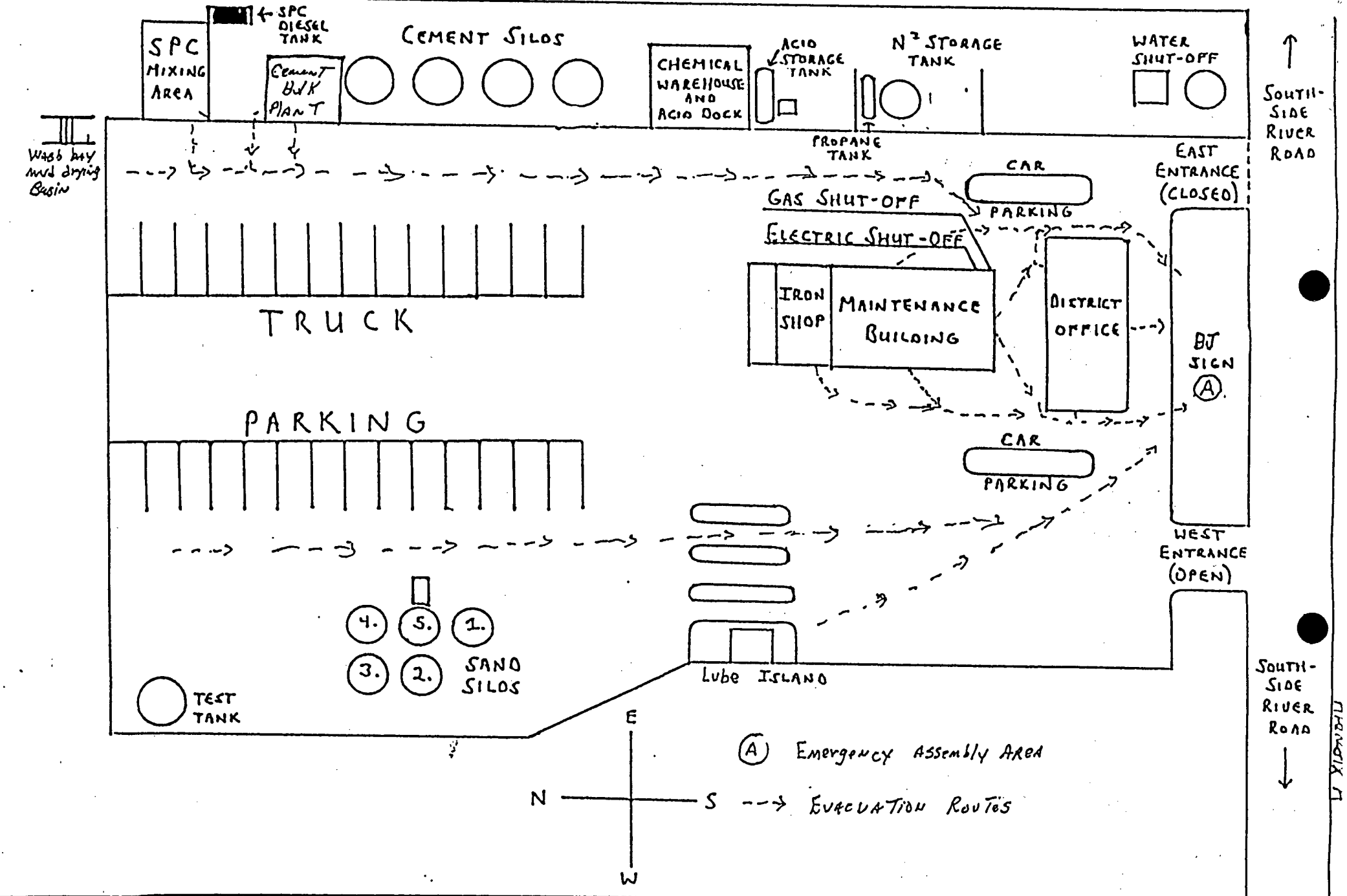
2.5 Training:

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.

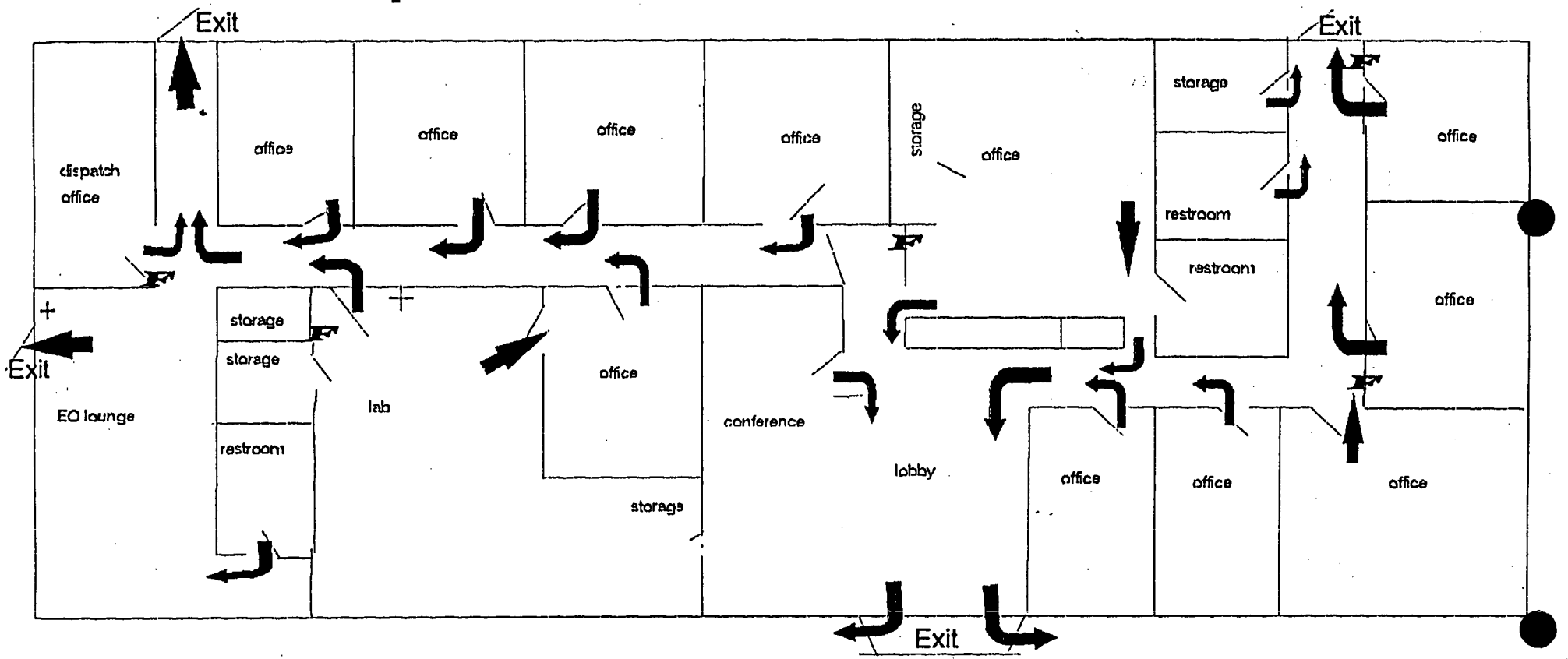
3.1 Preliminary Spill Reporting Instructions are contained in Apendix E
See Enviromental Management Guide Book For Specific State & Federal Requirements

FARMINGTON FACILITY MAP



APPENDIX I

Escape Routes Main Office



= fire extinguisher

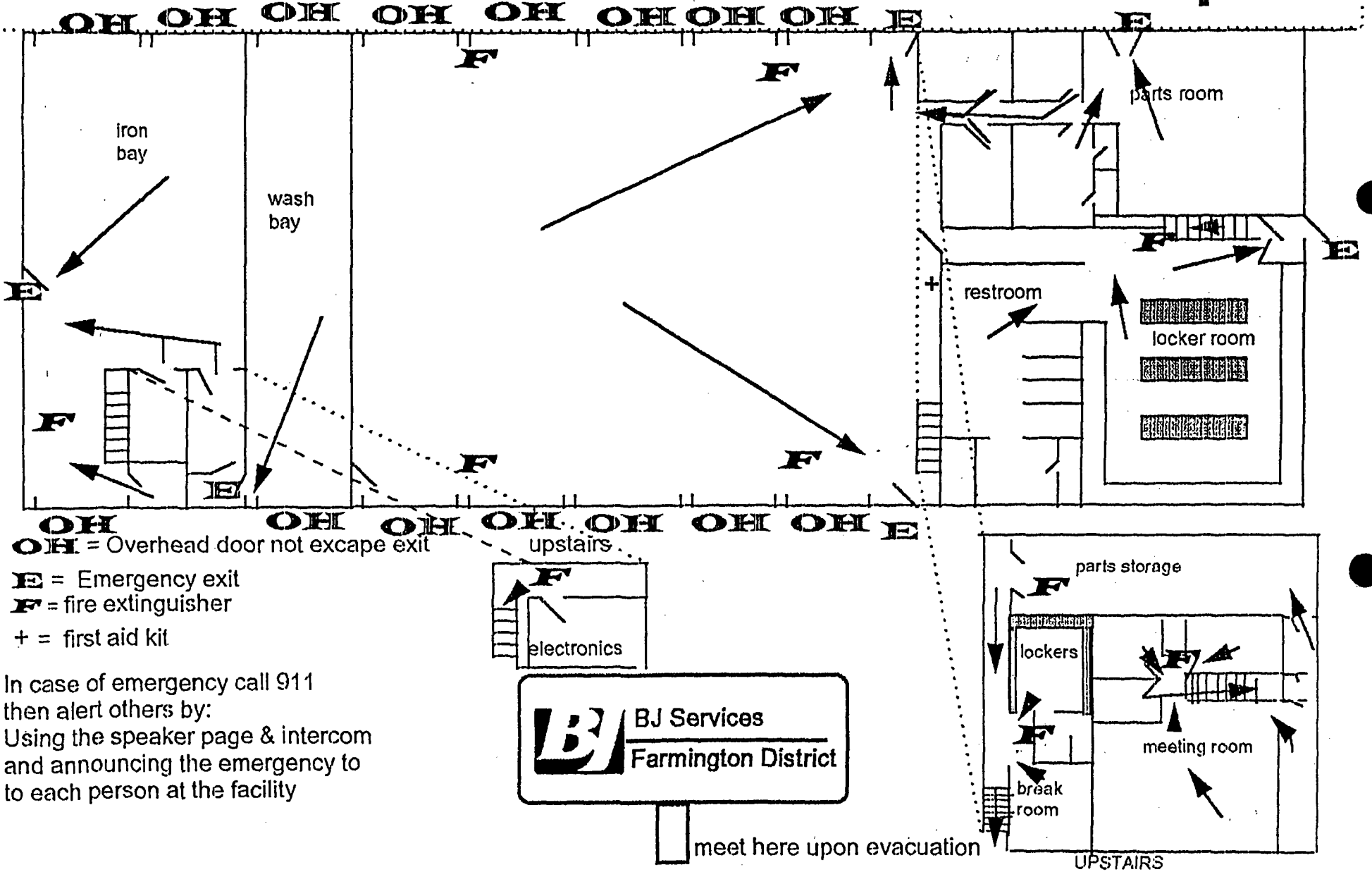
\+ = first aid kit

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

BJ Services
Farmington District

upon evacuation meet here

Evacuation Plan Shop



OH = Overhead door not excape exit

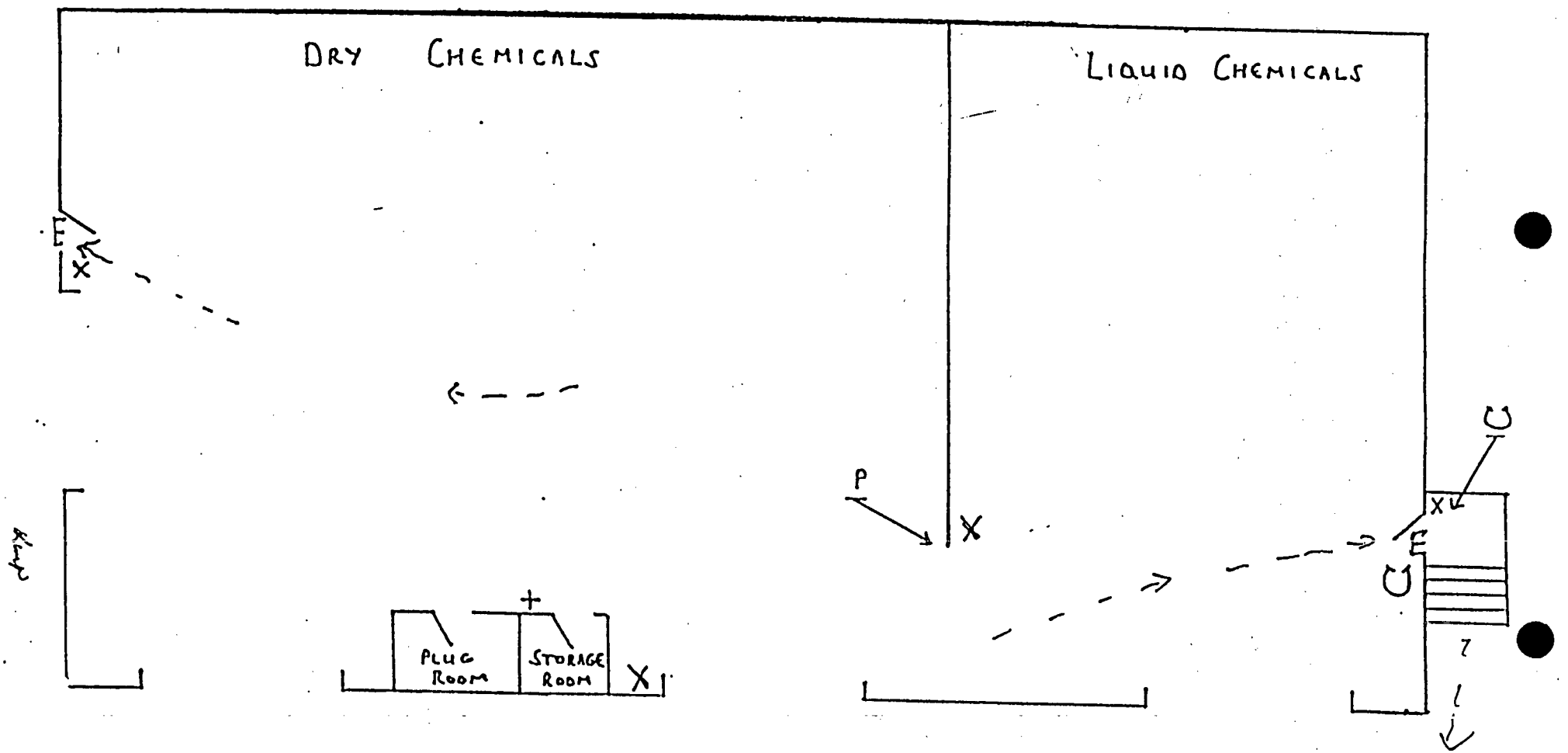
E = Emergency exit

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

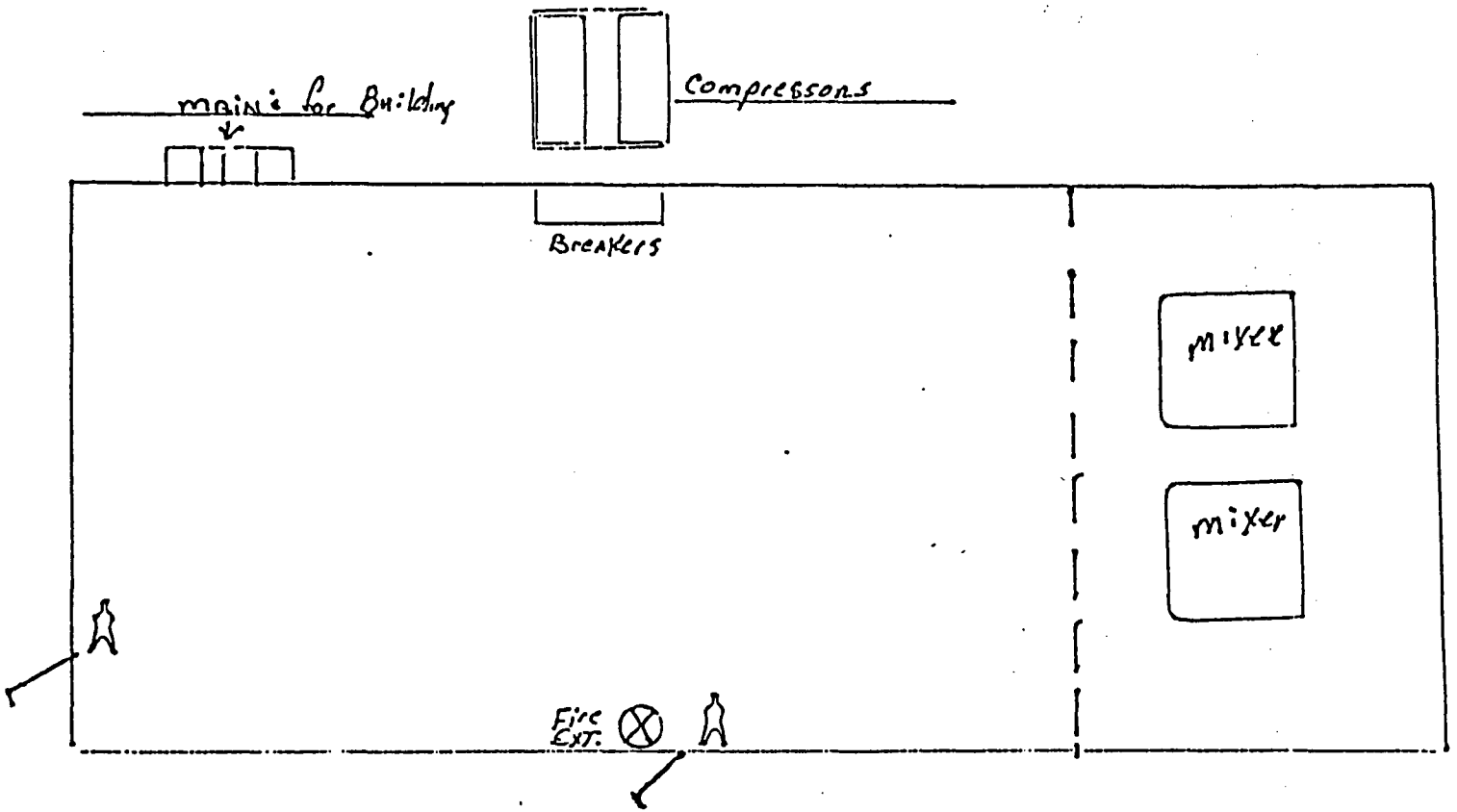
CHEMICAL WAREHOUSE



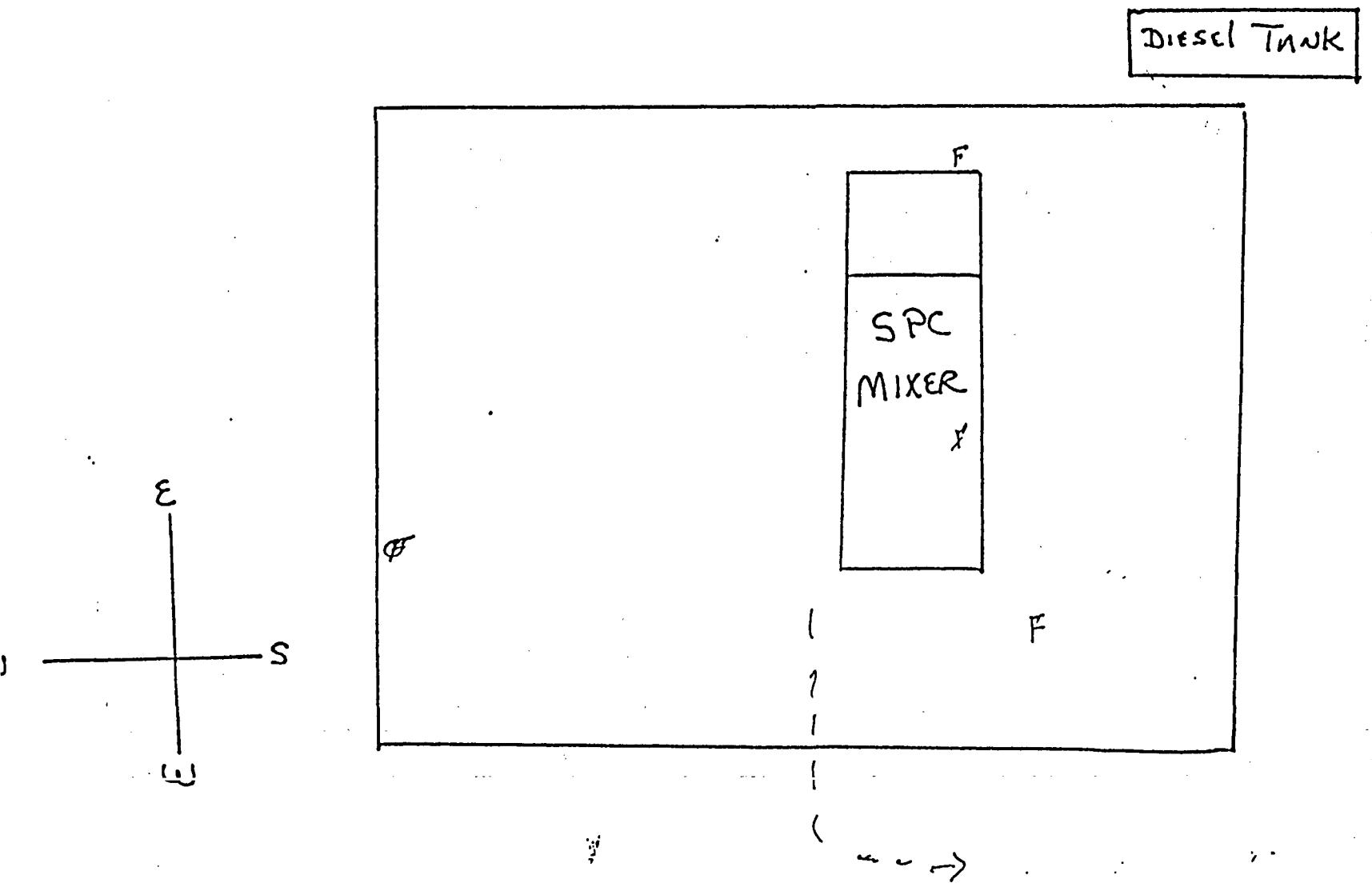
LEGEND :

- X = FIRE EXTINGUISHER
- \+ = FIRST AID KIT
- U = EYE WASH + SHOWER
- P = PHONE + EMERGENCY NUMBERS
- ⌐ = ESCAPE EXITS

Cement Bulk Plant.



SPC SHED



--~--> 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 <u>if it is safe to do so:</u>

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.

APPENDIX B

LOCATION:

FARMINGTON

POTENTIAL FIRE HAZARDS HANDLING AND STORAGE

POTENTIAL FIRE HAZARD	HANDLING PROCEDURES	STORAGE PROCEDURES
Paint Thinners in sloop 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 building	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
Pilot lights on with Heaters & Furnaces	No Flammables or combustable materials to be stored in closets containing water Heaters or Furnaces
pilot Light on Heaters/dishw	No Flammable Liquids left open in shop
	Ether-starting fluid to be used outside only

APPENDIX D

LOCATION:

FARMINGTON

TYPES OF FIRE PROTECTION EQUIPMENT

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

Attachment 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:_____

_____

_____

_____

_____

_____

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~~
~~AZTEC, NM 87410~~
~~505/334/8697~~ 505.564.3239

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 ~~[redacted]~~	Jay Savage
Duane McCoy	MARK KNIGHT Mike Rose
Les Baugh	~~[redacted]~~

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.

BJ Services Company, U.S.A.
8701 New Trails Drive
The Woodlands, TX 77381

OCD DISTRICT III
1000 RIO BRAZOS ROAD
AZTEC NM 87410