GW - 97

PERMITS, RENEWALS, & MODS Application

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

John Bemis
Cabinet Secretary

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

Jami Bailey
Division Director
Oil Conservation Division

OCTOBER 22, 2012

Ms. Bobbi Briggs
Baker Hughes Oilfield Operations Inc.
17021 Aldine Westfield Road
Houston, TX 77073

Dear Ms. Briggs:

Based on your responses given in the "Oil & Gas Facilities Questionnaire for Determination of a WQCC Discharge Permit" and a file review, the Oil Conservation Division (OCD) has determined that three of your facilities with an expired or soon to be expired permit do not require a Water Quality Control Commission (WQCC) Discharge Permit. This means that the WQCC Discharge Permits **GW - 097** (BJ – FMT), **GW – 190** (BJ – Artesia), and **GW – 275** (Unichem – Farmington) are hereby rescinded and you are not required to proceed with the renewal of this expired or soon to expire WQCC Discharge Permit. OCD will close these permits in its database.

Because these WQCC Discharge Permits are no longer valid, you may be required to obtain a separate permit(s) for other processes at your facility, such as: pits, ponds, impoundments, below-grade tanks; waste treatment, storage and disposal operations; and landfarms and landfills. OCD will make an inspection of your facility to determine if any of these existing processes may require a separate permit under OCD's Oil, Gas, and Geothermal regulations. If OCD determines that a separate permit(s) is required, then a letter will be sent to you indicating what type of permit is required.

Please keep in mind, if your facility has any discharges that would require a WQCC Discharge Permit now or in the future, then you will be required to renew or obtain a WQCC Discharge Permit. If you have any questions regarding this matter, please contact Glenn von Gonten at 505-476-3488.

Thank you for your cooperation.

Jami Bailey
Director

JB/gvg

New Mexico Energy, Minerals and Natural Resources Department

Bill Richardson
Governor
Joanna Prukop
Cabinet Secretary
Reese Fullerton
Deputy Cabinet Secretary

Mark Fesmire
Director
Oil Conservation Division

January 5, 2009

Mr. Josh Morrissette
BJ Services Company, USA
11211 FM 2920
Tomball, Texas 77375

Re: Renewal of Discharge Permit GW-97
BJ Services Company, USA
3250 Southside River Road (Sections 13 and 14, Township 29 North, Range 13 West, NMPM)
Farmington, New Mexico

Mr. Morrissette:

Pursuant to Water Quality Control Commission (WQCC) Regulations 20.6.2.3104 - 20.6.2.3114 NMAC, the Oil Conservation Division (OCD) hereby renews the discharge permit for BJ Services Company, USA (operator) for the above referenced site contingent upon the conditions specified in the enclosed **Attachment to the Discharge Permit**. Enclosed are two copies of the conditions of approval. **Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe Office within 30 days of receipt of this letter**

Please be advised that approval of this permit does not relieve the owner/operator of responsibility should operations result in pollution of surface water, ground water or the environment. Nor does approval of the permit relieve the owner/operator of its responsibility to comply with any other applicable governmental authority's rules and regulations. Note the site-specific conditions (*Conditions 20A and B* on page 5) regarding the diesel fuel release of 1995.

If you have any questions, please feel free to contact Jim Griswold at (505) 476-3465 or by email at *jim.griswold@state.nm.us*. On behalf of the staff at the OCD, I wish to thank you and your staff for your cooperation during this discharge permit review.

Sincerely,

Wayne Price
Environmental Bureau Chief

Attachment

LWP/jg
xc: OCD District 3 Office, Aztec

Griswold, Jim, EMNRD

From: Joshua.Morrissette@bjservices.com
Sent: Monday, December 22, 2008 12:31 PM
To: Griswold, Jim, EMNRD
Subject: Re: Discharge Permit Renewal for Farmington Services Facility (GW-97)
Attachments: Farmington Discharge Plan (12-22-08).pdf

Jim - I'm not sure if you have had time to go over the new plan yet, I know y'all are swamped. Anyhow, I was looking over what I sent you and realized that the table listing the secondary containments was not done. I had gotten an e-mail from the district, read it and didn't update the table before sending you the plan. So attached is the discharge plan with the containment table completed. Just discard the other one.

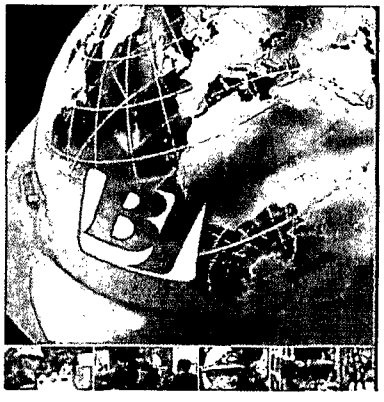
Sorry Jim, that's what it get for rushing.

Have and Merry Christmas and Happy New Year.

Josh

BJ Services Company, USA
J. Morrissette
HSE Specialist
11211 FM 2920
Tomball, TX 77375
Office: 281.357.2573
Mobile: 713.705.4875
Fax: 281.357.2585

Farmington Discharge Plan



BJ Services Company, USA
3250 Southside River Road
Farmington, NM 87401

BJ Services Company, U.S.A.

Discharge Plan – Farmington, New Mexico

December 2008

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: Daren Posey

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. Josh Morrissette

V. Facility Description

See Attachment 1, Site Plan

VI. 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	6,500 gallons	Warehouse
Biocides	Xcide	Solid	Sacks	1200 lbs	Warehouse
Others	Sand Fly Ash Gellants Cement Gilsonite Nitrogen Fuel Junk Cement	Solid Solid Solid Solid Solid Liquid Liquid Solid	Silos Silos Silos Silos Silos Tanks AST Silo	1,400 Tons 800 sacks 18,500 lbs 4,200 sacks 3000 cu ft. 38,500 gal 20,000 gal 2,200 tons	Yard Yard Yard Yard Yard Fuel Island Shop Yard

VII. Aboveground Storage Tanks

Operational Area	Material Stored	AST Capacity (gallons)	Secondary Containment Capacity (gallons)	Type of Secondary Containment
Acid Dock	Hydrochloric Acid	1 – 10,000	24,775	Concrete
Fuel Island	Diesel	2 – 10,000	16,130	Concrete
	Motor Oil	2 – 500	4,823	Concrete
	Packing Oil	1 – 1,000		
	Used Oil	1 – 1,000		
LFC Blending Area	Polymer Slurry Gel (LFC)	2 – 6,000	10,000	Steel
Maintenance Shop	15/40 Motor Oil	1 – 750	890	Steel
	50 Wt. Synthetic Oil	1 – 220	718	Steel
	Ultra Gear Oil	1 – 220		
	40 Wt. Motor Oil	1 – 220		
	Anti-Freeze	1 – 500	1,077	Steel
	Hydraulic Oil	1 – 300		
	Used Oil	1 – 750	890	Steel
	Used Anti-Freeze	2-100	700	Concrete

VIII. 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

IX. 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 silo	Used by various people	Equal Venture 3811 Century Drive El Paso, Tx 79938
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 catchment basin	Cycled through wash bay separator	Cycled through wash bay separator.
Antifreeze	Stored in shop	On-site reclaiming	On-site reclaiming
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

X. 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.

XI. Inspection and Maintenance

See Attachment 2, Base/District HSE Inspection Report

XII. Contingency Plan

See Attachment 3, Facility Emergency Response Contingency Plan

XIII. Site Characteristics

Bodies of Water: The Animas River is approximately 0.4 mile north-northwest of the property line. The San Juan River is approximately 1 mile south of the facility.

Groundwater: Is approximately 25 feet below ground surface. 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

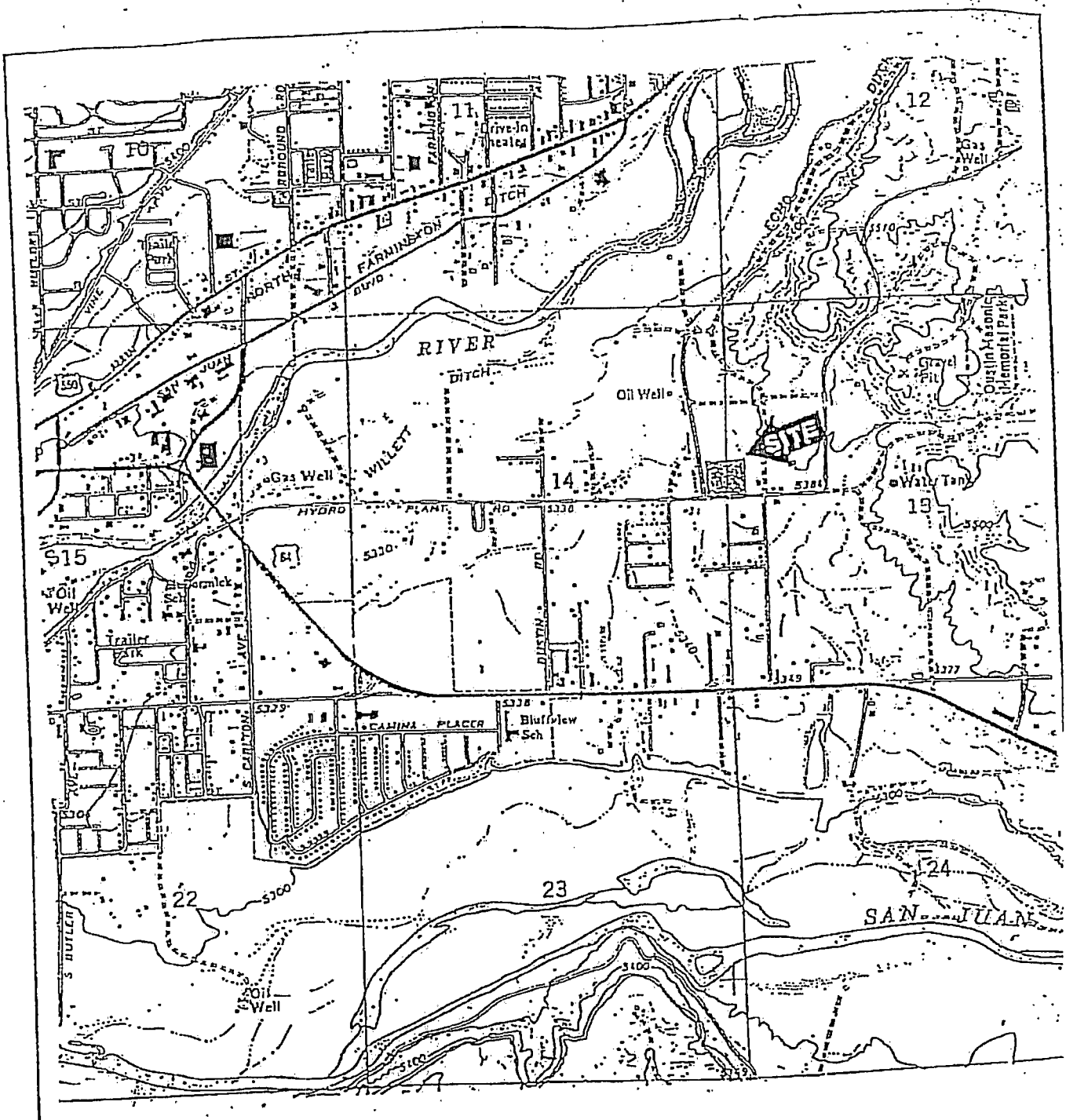
Water Wells: Four water wells have been identified within ¼ of a mile from the property boundary. They are all listed for single household use.

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.

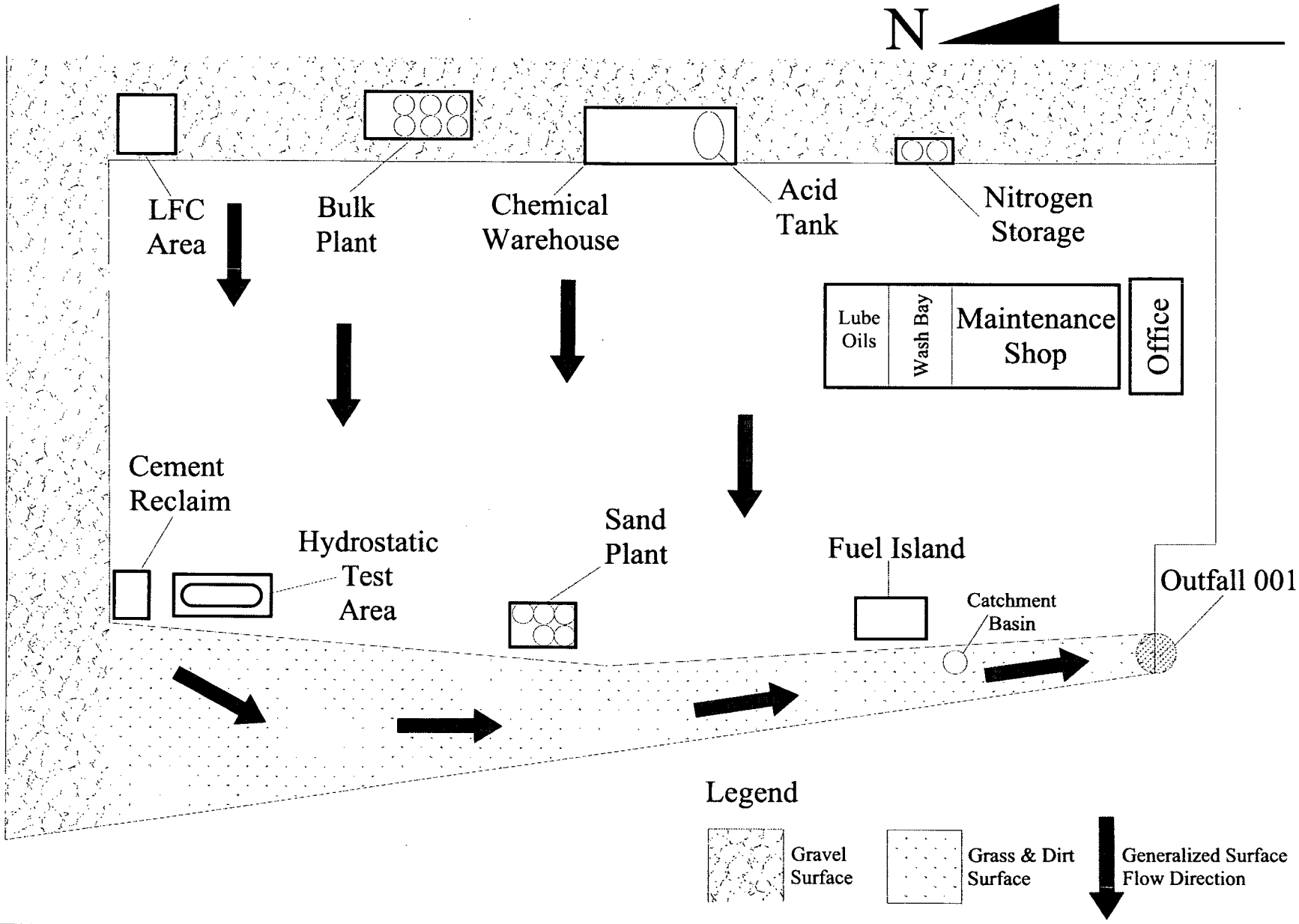
ATTACHMENT 1

SITE PLANS



Source: USGS Quadrangle Map, 7.5 Minute Series, Scale: 1"=2000'

BJ	Figure 1: Site Location Map Last Revised: 12/9/97
	Facility Name: BJ Services Company, U.S.A. Facility Address: 3250 Southside River Rd. Farmington, NM



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

Figure 2: Facility Layout and Drainage Plan

Farmington District **3250 Southside River Road** **Farmington, NM 87401**	**Not To Scale**	**REVISION DATE:** **03/18/08**	**DRAWN BY:** **JSG**

ATTACHMENT 2

BASE/DISTRICT HSE INSPECTION REPORT

US Inspection - 2008
Base/District HSE Inspection Report

Region: Rocky Mountains
District/Base: Farmington
Inspector: _____

Job Title of Inspector(s): _____

Date of Inspection: _____

Product Line : Pumping Services

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

Housekeeping Key
N/A - Note Applicable (Default Value)
0 - Needs Immediate Attention
1 - Poor
2 - Needs some attention
4 - Good - Meets Standards

SUMMARY - AREAS

HSE Management Standards
General Facility Conditions
Environmental

QUESTIONS

	HSE Management Standards
1	Managers and Supervisors demonstrate ability to navigate QHSE Standards and other HSE system databases
2	Managers and Supervisors are knowledgable of the QHSE Standards that apply to their area of responsibility (have read the standards)
3	HSE Plan for facility, region, or country in place per standard (QHSE Standard - Health & Safety 3.8)
4	HSE Supervisors and Trainers are competent (demonstrated by CAP participation, certifications, education, or Training Plan in place)
5	Personnel trained (or met minimum allowable) per standards prior to assignment.
6	Facility APT in place per standard (QHSE Standards - Health & Safety 5.0)
7	HSE Facility Inspections by region/district staff are current for previous quarter
8	Corrective actions from previous inspections (30 days and older) are closed out
9	Journey Management guidelines followed (QHSE Standard - Health & Safety Section 14.0)
10	Quality of accident reports - complete, corrective action taken, and closed out
11	Radiation
12	Contractor Management
13	Behavior Based Safety (BBS)
14	Emergency Preparedness / Response Plan
15	General Security Measures

General Facility Conditions

1	Emergency plans for fire, injury or chemical spill (posted, current)
2	Fire extinguishers - (operable, inspected, proper location, proper type)
3	Personal protective equipment (used as required)
4	PPE available for visitors or vendors
5	Trained first aiders at facility (sufficient number, identified, posted)
6	Safety signs and notices (sufficient number, all hazards, current)
7	Safety bulletin board (current)
8	Entryway/gateway (signed, unobstructed)
9	Parking (sufficient, unobstructed, signed)
10	Road surfaces (safe, maintained)
11	Lighting (sufficient, working, assess both internal and external)
12	Heating and cooling system (radiators free/clear, system checked annually, adequate records)
13	Electrical panels and wiring (labeled, secure, maintained)
14	Landscape (presentable, maintained)
15	Safety signs for LTI free days (up to date, visible)
16	Notice to visitors and vendors (where to go, posted)
17	Speed limit signs (posted, visible, adhered to)
18	Security fence (sufficient, maintained)
19	Fixed stairs, ladders, walkways, handrails, gates and doors (maintained, clear, safe)
20	Material safety data sheets (accessible locally, current) Dispatch?
21	Containers (appropriate, stacked, labeled)
22	Pallets (adequate, maintained, safe)
23	Noise levels (signage, measured)
24	Flammable gas (caged, signed, segregated)
HK	Housekeeping (Rating 0,1,2,4)

Environmental

1	Environmental recordkeeping systems established
2	Permits & registrations available & current when applicable
3	Waste records maintained (Bill of lading, manifests)

4	Waste disposed of by certified or Company approved vendor
5	Environmental plans current (storm water, spill prevention, emergency response)
6	Proper storage of waste materials (segerated and labeled)
7	Spill control material (available, appropriate, utilized)
8	Surface-water/storm-water drains & discharge points free of oil, debris, etc
9	No open containers outside collecting water
10	Yard free of leaks and spills
11	Trash containers closed - Lids viable
12	Containers present to contain leaking drums, fluids or clean up materials
13	All fuel, oil and diesel tanks in good condition
14	All fuel and oil tanks have adequate containment and free of spills

CORRECTIVE ACTION RESPONSIBILITY

Corrective Actions Assigned to: _____ **Due Date for Completion:** _____

Corrective Action Status: _____

SIGNATURE SECTION

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 _____ **District Manager** _____

Region Safety/Training Manager _____ **Region Manager** _____

Facility / Service Supervisor _____ **Other Relevant Personnel** _____

ATTACHMENT 3

EMERGENCY RESPONSE PLAN

Employee Emergency Response Plan and Fire Prevention

Farmington Reporting Procedures

Is this a "SERIOUS" accident/injury? (See table below for list of "Serious" accident/injuries)

No

Is it currently "Normal Business Hours"?

No

Call at First Opportunity:
1. Crawford & Co. Insurance
2. Axiom Medical CaseManagment

Yes

Immediately call –
1. Region HSE
2. Corporate HSE
3. Corporate Risk Management
4. U.S.: Crawford & Co.
   Canada: Crawford & Co. Canada for Auto Liability, Workers' Comp. Bureau for Injury
   Others: Local Brokor or Local Insurer

Yes

Call at First Opportunity:
1. Region HSE
2. Corporate HSE
3. U.S.: Crawford & Co.

Call during Normal Business Hours:
1. Region HSE
2. Corporate HSE

"SERIOUS" Accidents /Injuries include:

1. Fatality – BJ employee or 3rd party
2. Serious injury resulting in hospitalization – BJ employee or 3rd party, including:
   - Amputation of body parts other than a single finger or toe
   - Serious burn injuries (heat, fire or chemical, etc.)
3. Multiple injuries requiring hospitalization - 2 or more from the same occurrence
4. Service unit rollover
5. Physical damage in excess of $250,000 from any cause
6. Well Damage, Blowouts and/or explosions
7. Any marine vessel incidents, such as damage to the vessel or collisions with other objects
8. Any accident where a BJ driver is charged with a DWI
9. Any incident causing media (radio, Television News Reporters) to become involved
10. Pollution/spill incidents

Emergency or Accident Time Line of Events

911 Time: _____ Date: _____

Location of Accident: _____

On Site Phone Number: _____

Directions: _____

_____

_____

Notify:

Dispatch: 505-327-6222 Time: _____

Jeff Houghton 505-330-0000 Time: _____

Fred Cossum 505-330-0005 Time: _____

Mark Baugh 505-330-3493 Time: _____

Joe Gordon 505-330-0003 Time: _____

Less Baugh 505-330-0002 Time: _____

Call Axiom for medical case management and arrange

DOT Post Accident Drug Testing: Time: _____

Medical Facility: _____

Phone: _____

City: _____ State: _____

Call Cura for environmental spill and clean up:

Time: _____

Location: _____

Material: _____ Qty: _____

_____ Qty: _____

_____ Qty: _____

Third Party or Contractor Information: _____

_____

_____

Phone: _____ Time: _____

Name: _____

Crawford: _____ Time: _____

Region HSE: Daniel McEntee Time: _____

Corp. HSE: Don Kaminski Time: _____

Risk Management: Randall Collins Time: _____

Telephone Numbers:

Corporate HSE
Business Hours
281-357-2686
After Hours
281-351-8131

Risk Management
Business Hours
713-895-6019 or
713-895-5810

Paul Remson
Home
713-935-9589
Cellular
713-805-0288

Randall Collins
713-895-5663
713-862-2405
713-703-1591

Crawford & Co.
800-345-7785

CURA
800-579-2872

OSHA
800-321-6742

Axiom Medical
281-419-7063 Ex.1

Region HSE
303-832-3722
303-549-5038

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 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 See Pages 1 and 2 of this manual for important phone numbers.

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 Steve Hinnant – Safety Supervisor.

2.2.2 Duane McCoy – 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 Duane McCoy – Maintenance Supervisor.

2.3.2 Les Baugh – Facilities 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 containers for collection and disposal according to applicable Federal, State, and Local Laws.

2.5 Training:

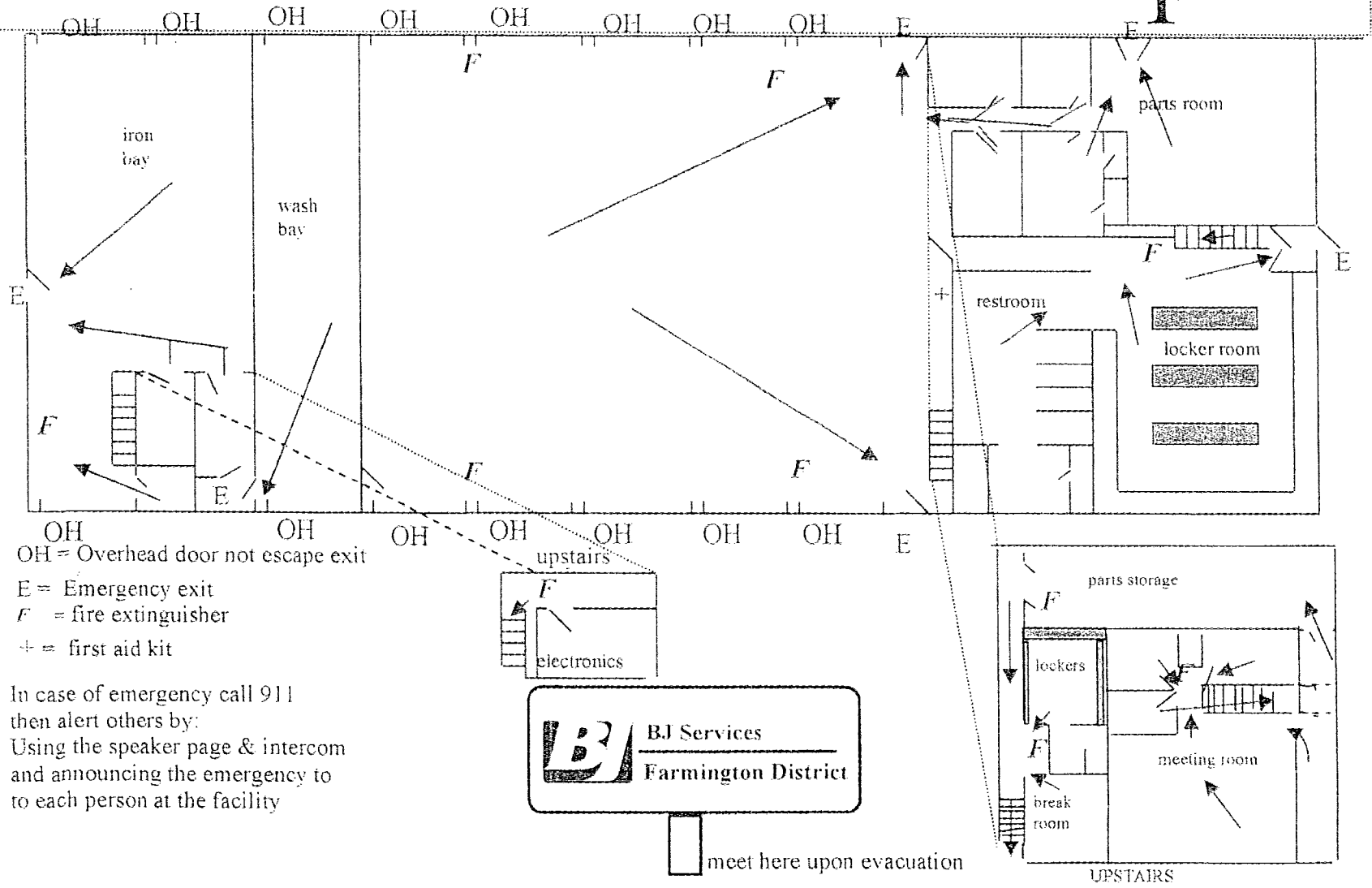
2.5.1 Each employee will be apprised of the fire hazards of the materials and processes to which the employee is exposed.

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.

Appendix A

Evacuation Routes
&
Emergency Shut-offs

Evacuation Plan Shop



OH = Overhead door not escape exit

E = Emergency exit

F = fire extinguisher

\+ = first aid kit

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

BJ SERVICES

FARMINGTON DISTRICT

[illegible]

1. In case of a fire, both main breakers (one at the maintenance building and another at the LFC Plant as shown on map in this appendix) will be shut-off so there will be no additional hazards when fighting the fire.

2. In case of a fire, the master natural gas valve at the maintenance shop(see map this appendix) will be shut off.

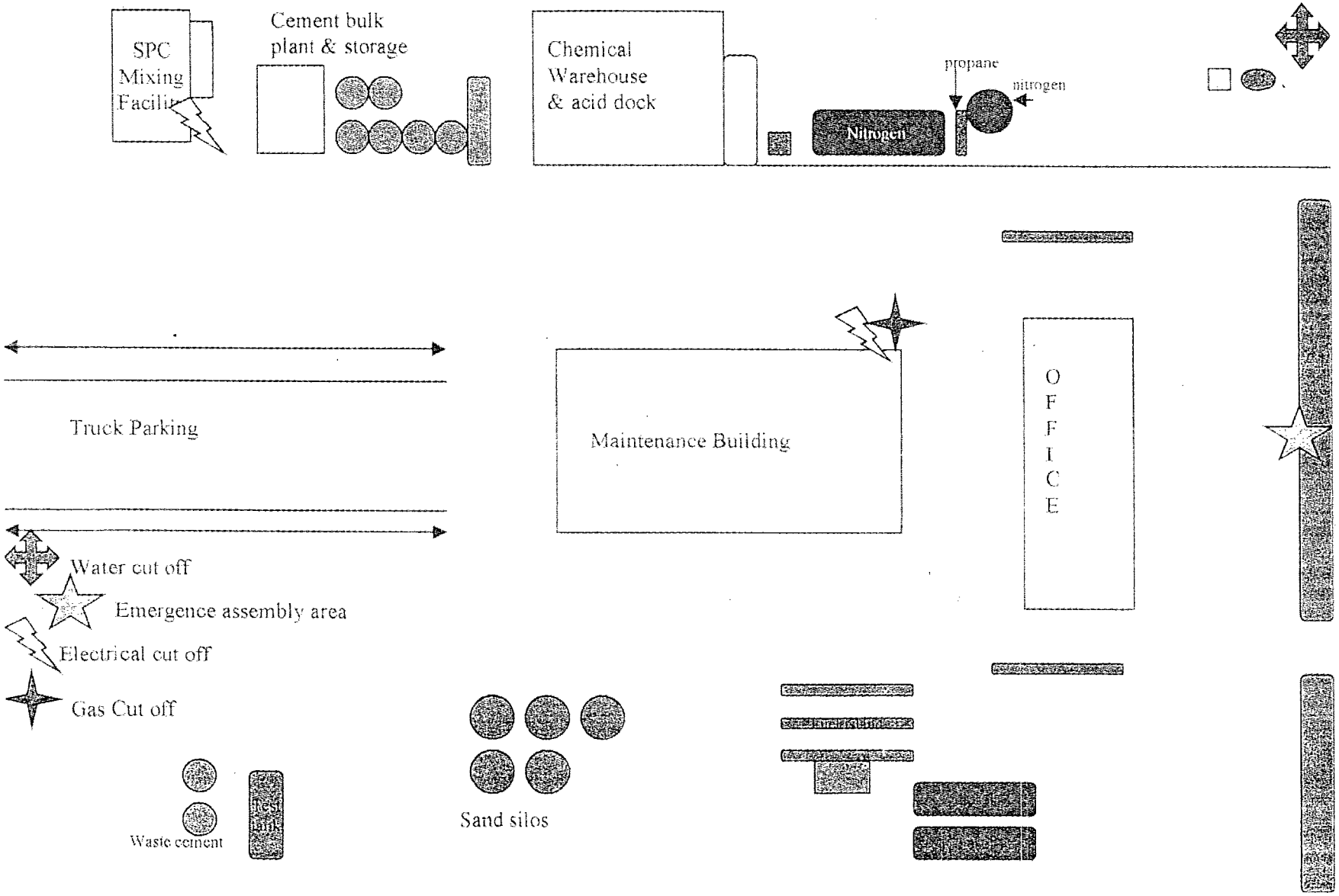
3. In case of a major fire, both electrical and natural gas systems will be turned off in order to reduce the risk of a more serious accident.

4. In an emergency, the main electrical switch at both areas, and the main gas valve, will not be put back into service until all areas have been inspected and an all clear signal has been given.

5. 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 a secondary point for gas shut-off. The breaker for the Cement Bulk Plant and the LFC Plant is in the southeast corner of the LFC Plant. Shutting down all four of these systems will shut down all power and gas to the entire yard.

6. The main water shut-off is located at the southeast corner of the facilities in a concrete lined pit with a metal cover. The water should be shouls off only in the event of a water release that can not be controlled by any other method, or at the direction of Emergency Personnel.

Farmington Facility Emergency Cut-Offs



Appendix B

Potential Fire Hazards & Handling And Storage

Potential Fire Hazards
Handling and Storage

Potential Fire Hazard	Handling Procedures	Storage Procedures
Paint and Thinners in shop and Iron Bay	Paints And thinners to be used in well ventilated areas and away from ignition sources	Keep paints and thinners in Flammable Materials Lockers.
Starting Fluid (Ether)	Starting Fluid is to be used in well ventilated areas away from ignition sources	Keep starting fluid in Flammable Materials Locker
Fumes From Charging Batteries in Shop	Charge batteries only in designated areas away from ignition sources	All batteries to be stored and charged in designated areas
Testing Crude Oil in Lab	Test oils under the exhaust hood with adequate ventilation	Crude oils are to be stored in closed containers and disposed of immediately after testing is complete
Various Flammable Chemicals in Warehouse Areas	Work with Flammable Chemcals only in designated, ventilated areas	Store Flammable Chemicals in a closed container away from ignition sources
Diesel Fuel at Fuel Island	No Smoking or open flames at Fuel Island. Immediately clean all spills.	Only DOT Approved containers will be used for Diesel Fuel
Propane Tank at Nitrogen Island	No Smoking or open flames at Nitrogen Island. Authorized Personnel only.	Only DOT Approved containers will be used for Propane.
Diesel Fuel at LFC Plant	No Smoking or open flames at LFC Plant. Authorized Personnel only.	Store in Diesel Tank.

Appendix C

Potential Ignition Sources And Control Procedures

Potential Ignition Sources
and
Control Procedures

Potential igniton Sources	Control Procedures
Pilot Lights on water heaters and furnaces	No Flammable Materials to be stored in closets containing water heaters or furnaces. Do not work with Flammable Materials around water heaters or furnaces.
Heaters in shop and warehouse	No Flammable Materials to be left open in shop. Flammables to used in well ventilated areas.
Welding Equipment in shop	Welding in Designated Areas only with adequate ventilation. Do not use or store Flammables near welding bays.

Type of Fire Protection Equipment

Area Protected	Type of Fire Protection Equipment	Number of Units
Lab	20 LB ABC Fire Extinguisher 5 LB ABC Fire Extinguisher	1 1
Front Office	5 LB ABC Fire Extinguisher	4
Locker Room	20 LB ABC Fire Extinguisher	1
Training Room	20 LB ABC Fire Extinguisher	1
Maintenance Shop	20 LB ABC Fire Extinguisher	4
Mechanics Break Room	10 LB AEC Fire Extinguisher	2
Iron Bay/Electronics	20 LB ABC Fire Extinguisher	2
Chemical Warehouse	20 LB ABC Fire Extinguisher	3
Cement Bulk Plant	20 LB ABC Fire Extinguisher	2
LFC Plant	20 LB ABC Fire Extinguisher	4
Fuel Island	20 LB ABC Fire Extinguisher	2

B.J SERVICES

FARMINGTON DISTRICT

[illegible]

In the event that an 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 pages. As you are evacuating an area *and if 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, welders, grinders, saws, parts washers, sprayers, compressors and anything else that might be, or become, a hazard if left unattended.

Fuel Island:

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

LPG Plant, Bulk Plant, Chemical Warehouse, Acid Dock, and Nitrogen Dock:

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

Front Offices, Lab, Training Room, and Locker Rooms:

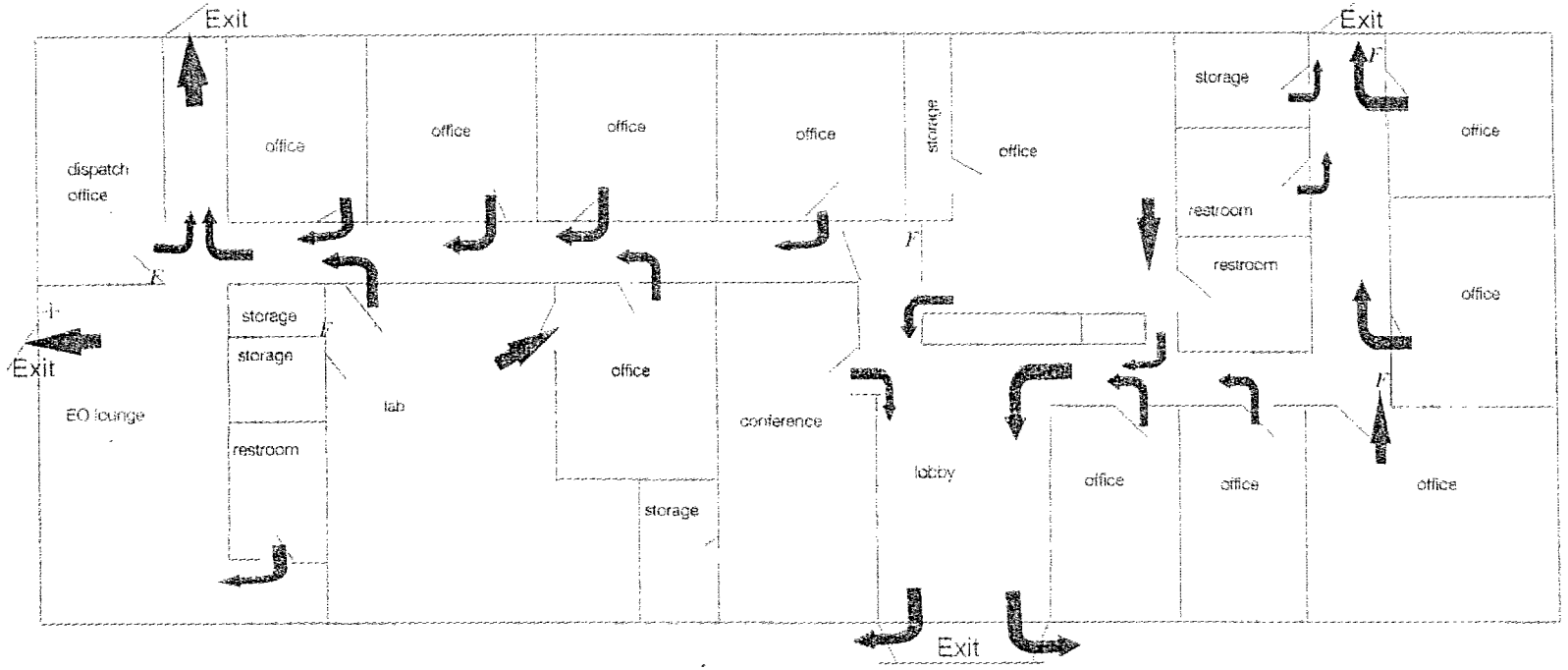
Turn off anything that might be, or become, a hazard if left unattended.

ALL AREAS

EVACUATE USING THE SAFEST AND MOST DIRECT ROUTE POSSIBLE!

See evacuation routes for work areas in this appendix.

Escape Routes Main Office



F = fire extinguisher

+ = first aid kit

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

BJ Services
Farmington District

upon evacuation meet here

ATTACHMENT 4

STORM WATER POLLUTION PREVENTION PLAN

STORM WATER POLLUTION PREVENTION PLAN

Farmington, New Mexico

BJ SERVICES COMPANY, U.S.A.

December 2008

Table of Contents

STORM WATER POLLUTION PREVENTION PLAN

BJ Services Company, USA

3250 Southside River Road
Farmington, New Mexico 87401

1.0 INTRODUCTION

1.1 Purpose

The purpose of the Storm Water Pollution Prevention Plan (SWPPP) is to identify sources of potential storm water contamination, develop Best Management Practices (BMPs) intended to prevent storm water from becoming polluted, and to install a system by which these BMPs are inspected and maintained.

1.2 Other Related Facility Plans and Permits

The Farmington District has also prepared a Spill Prevention, Control, and Countermeasures (SPCC) Plan, which includes the Contingency Plan, to address other potential pollution problems at the district.

The purpose of the SPCC Plan is to prevent the discharge of petroleum products into the waters of the United States. This is accomplished by preventing spills and detailing clean up and recovery measures by focusing on prevention, point source control, emergency spill control, and secondary containment. The SPCC also contains the facility's Contingency Plan. The spill response procedures contained in the SPCC Plan and the spill response reporting requirements contained in the Contingency Plan are incorporated into this plan by reference and is available at the district for review.

The district also has obtained air permits for the cement bulk plant, aboveground storage tanks, and storage silos. These permits require emission controls, thereby minimizing applicable emissions from these sources.

2.0 FACILITY OPERATIONS

2.1 Description of Facility Operations

The Farmington District is an oil field service facility that operates 24 hours a day, 7 days a week. It engages in oil field services (off-site), truck maintenance, truck fueling, truck washing, cement storage and dispensing, sand storage and dispensing, liquid gel storage/blending and dispensing, chemical storage and dispensing, nitrogen storage and dispensing, and bulk oil storage. The Farmington District is classified by Standard Industrial Classification (SIC 1389) and North American Industrial Classification System (NAICS 213112) "Oil and Gas Field Services".

The facility consists of an office building, shop building, warehouses, aboveground storage tanks, truck wash rack, fueling island, sand storage facility, bulk cement facility, liquid gel storage/blending facility, acid storage facility, and yard for truck parking and equipment storage. Figure 1 shows the location of the facility and Figure 3 shows the general layout of the facility and the discharge plan.

Site Data:

A. Name of Facility: BJ Services Company, USA

B. Type of Facility: Oil and Gas Services Company

C. Date of Initial Operation: April 24, 1980

D. Facility Location: 3250 Southside River Road
Farmington , New Mexico 87401

E. Pollution Prevention Team:

In accordance with requirements of the General Permit, a Stormwater Pollution Prevention Team has been organized at the Farmington District to assist in development, implementation, and revision of this SWPPP and to conduct all monitoring program activities required by the General Permit. The positions, their responsibilities, and contact info are shown and described in Table 1.

2.2 Facility Drainage

The Farmington District is characterized by sheet flow from east to west. All storm water drains into a ditch on west side of property and discharges at southwest corner (outfall 001). Water then flows west along southside river road approximately 150 yards and empties into the city storm water drain, Echo Ditch. Once in the city storm water drain it discharges into the San Juan River, which is approximately 1-mile from the district.

2.3 Description of Potential Pollutant Sources

In order to effectively implement Best Management Practices at the district a table summarizing the potential pollutant sources has been developed. This table is included as Table 2.

2.4 Soil Erosion

Minimal soil erosion occurs as a result of the off-site migration of storm water from the northeast corner of the property. The Farmington District has installed riprap near this area to minimize the erosional forces. Should the facility undergo modifications in the future that will involve a high potential for significant soil erosion, appropriate measures to limit erosion will be identified and implemented in accordance with the principles presented in this plan.

3.0 STORM WATER BEST MANAGEMENT PRACTICES

BMPs must be implemented in the areas identified in Table 2 of this report to ensure that storm water runoff is not impacted when it is discharged from the facility. Table 3 outlines all of the BMPs that are in-place and being implemented at the facility.

4.0 GENERAL STORM WATER MANAGEMENT PROCEDURES

4.1 Good Housekeeping

Proper traditional "housekeeping" practices will be performed by the staff so the facility will be kept clean and orderly condition. This element of the stormwater pollution prevention program is an ongoing task and is continually implemented to minimize the exposure of significant materials to stormwater. Proper housekeeping practices include:

- Sweeping of impervious surfaces
- Maintenance of spill kits in areas of potential spillage.
- Proper storage and rainfall protection techniques for potential contaminants.

4.2 Inspections

Qualified personnel, who are familiar with the industrial activities performed at the facility, shall conduct facility HSE inspections to determine the effectiveness of the Good Housekeeping, Spill Prevention, Erosion Control, Maintenance Program for Structural Controls, and Best Management Practices. Inspections must be conducted on a frequency of once per quarter. Inspections must be documented and made readily available for inspection and review by the NMOCD. Facility HSE Inspections are documented and retained in Lotus Notes.

4.3 Soil Control and Site Stabilization

Erosion control devices will be implemented in areas to control erosion when necessary. This may include planting and maintenance of vegetation, diversion of run-on and run-off, placement of sandbags, silt screens, or other sediment control devices.

4.4 Sampling Requirements

The district is not required to collect any storm water samples for laboratory submittal.

TABLES

Table 1
Pollution Prevention Team

Name	Title	Contact Information	Responsibilities
Darren Posey	District Manager	3250 Southside River Rd. Farmington, NM 87401 505-327-622 office 505-330-0000 mobile	Overall program implementation and management; Review and approve SWPPP
Dale Harrison	District Facility Supervisor / Environmental Coordinator	3250 Southside River Rd. Farmington, NM 87401 505-327-622 office	Implementation and documentation of BMPs and regular inspections; assist in development of SWPPP; storm water monitoring
Fred Cossum	District Safety Training Supervisor	3250 Southside River Rd. Farmington, NM 87401 505-327-622 office	Regular inspections, assist in development of SWPPP
Dan McEntee	Region Safety and Training Manager	1660 Lincoln, Suite 1600 Denver, Co 80264 303-832-3722	Technical assistance; site inspections of the facility
Varies	Corporate Safety and Environmental	11211 FM 2920 Tomball, TX 77375 281-351-8131	Permit interpretation; BMP recommendations; technical assistance; develop SWPPP; conducts periodic site inspections

Table 2
Potential Pollutant Sources

Location/Areas	Industrial Processes	Source of Potential Pollutant	Material Handling and Storage Areas	Potential Pollutant
Bulk Plant /Area A	Storage and Handling of Dry Bulk Cement and Other Dry Additives	Dust Release; Product Spill	Cement is pneumatically transferred from air tight trucks into silos. Dry additives are delivered by truck and stored under covered building.	Particulate Matter
Wash Bay /Area B	Washing of vehicles and equipment using soap and degreaser in the washing area to remove dirt, grime, grease, and residue oil.	Overspray; Washwater release	Washing is done in wash bay with curbs, sumps, and walls	Total Organic Carbon; Oil and Grease; Particulate Matter
Acid and Liquid Chemical Storage Area /Area C	Storage and Handling of Hydrochloric Acid and other oilfield chemicals	Tank or piping release; Spill	Acid is loaded within a closed pipe system and stored within secondary containment.	Total Organic Carbon; Chlorides; Dissolved Solids; pH
Fuel Island (AST) / Area D	Storage and Dispensing of Diesel , Packing Oil and Motor Oil	Overfill of tank, spill	Diesel and Oils are loaded and dispensed using a closed pipe system. Tanks are stored within secondary containment.	Diesel ,Oil
Truck/Equipment Parking/ Storage Area /Area E	Storage of tractor/trailer fleet and other equipment	Leaks from trucks and equipment	Trucks are stored on the yard and maintenance is monitored	Oil and grease; Particulate matter
Chemical Warehouse /Area F	Storage of dry (bagged) and liquid chemicals	Spill	Chemical warehouse is an enclosed building. Chemicals are loaded using liquid pumping equipment and forklifts.	Various dry and liquid chemicals Particulate Matter; Total Organic Carbon; pH
Maintenance Shop / Area G	Maintenance and repair of fleet vehicles	Spill	Maintenance Shop is an enclosed building.	Oil and Grease
Lubrication Oils Storage Area / Area H	Storage and dispensing of liquid lubrication oils	Overfill of tank, spill	Lubrication oils are stored within secondary containment and spill kit is located nearby.	Oil and Grease

LFC Storage Area / Area I	Storage, and dispensing of LFC	Overfill of tank, spill	LFC area consists of two 6,000 gallon storage tanks in a contained area.	Liquid Gel
Sand Plant /Area J	Storage and Handling of Dry Bulk Sand	Dust Release; Product Spill	Sand is pneumatically transferred from air tight trucks into silos.	Particulate Matter
Reclaim Cement Silo /Area K	Storage and Handling of Dry Bulk Cement and Other Dry Additives	Dust Release; Product Spill	Cement is pneumatically transferred from air tight trucks into silos. Dry additives are delivered by truck and stored under covered building.	Particulate Matter
Pump Testing Area / Area L	Recirculation of water through pumps	Spill	Water is recirculated through pumps by hoses connected to a water tank.	Oil and Grease

Table 4
BMP Identification

Location/Area	BMPs and Description
Bulk Plant / Area A	*Structural* ▪ Dust Control – The bulk plant is a completely enclosed pneumatic system. A dust collector is in place and maintained to control dust emissions from the system (see permit). *Non-Structural* ▪ Spill Cleanup – Spills of dry material will be swept up immediately and either reused or disposed of properly. ▪ Good Housekeeping – The bulk plant area will be kept clean and orderly. ▪ Inspection – The bulk plant is inspected regularly during facility reviews. Any visible dust emissions will be corrected immediately.
Wash Bay / Area B	*Structural* ▪ Sump - The wash bay is sloped towards an in-ground sump that collects all wastewater. ▪ Curbs - A surrounding curb prevents water from escaping the wash bay and impacting storm water. ▪ Covered Wash rack – The wash bay is covered by a permanent roof structure. This greatly minimizes the potential for impacting storm water runoff. ▪ Walls – The wash bay is a completely enclosed building to prevent any potential impact of wash waters to storm water. *Non-Structural* ▪ Overspray Control – Overspray of washwater will be minimized by the wash bay operator. Operators will be sufficiently trained to prevent overspray from leaving the confines of the wash bay. ▪ Good Housekeeping – The wash bay area will be kept clean and orderly. ▪ Inspections – The wash bay is inspected regularly during facility reviews. Any overspray or evidence of washwater releases from the wash bay area will be corrected immediately.

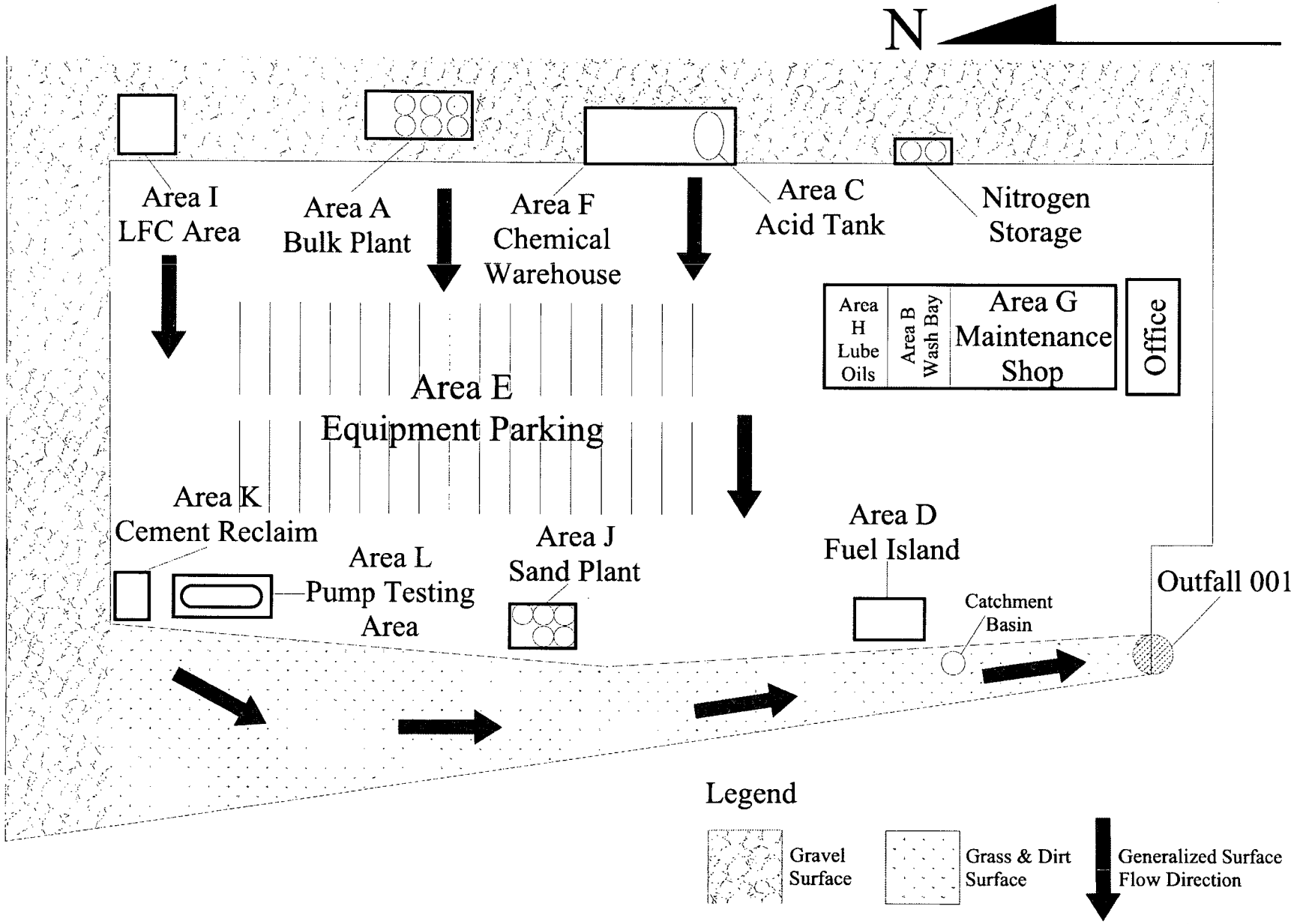
Acid and Liquid Chemical Storage Area / Area C	*Structural* ▪ Secondary Containment – The acid tank is contained in an impervious concrete containment area. If a release did occur from this tank, the berm will provide sufficient containment. ▪ Loading area – There is a concrete catch basin directly below the acid/chemical loading area. If chemicals are released during loading, all fluids will enter this catch basin. ▪ Containment Berm – The liquid chemical storage area is surrounded by a containment berm that will prevent any spills or leaks from leaving the area and impacting storm water. *Non-Structural* ▪ Spill Clean-up – Spills will be absorbed and swept up immediately and either reused or disposed of properly. ▪ Good Housekeeping – The acid storage area will be kept clean and orderly. ▪ Inspections – The acid tank, associated piping, secondary containment, loading area, and drum storage area are all inspected regularly during facility reviews. Any problems with this equipment will be corrected immediately. ▪ Drum Storage – Drums are stored on pallets to allow easy inspection of the surface below the drum for any leaks. Drums are stored on an impervious surface.
Fuel Island (AST) / Area D	*Structural* ▪ Secondary Containment – The diesel tanks are contained in an impervious cement containment area. If a release did occur from this tank, the berm will provide sufficient containment. ▪ Spill Catchment Basin – A spill catchment basin is connected to the secondary containment area to collect any accidental spills. *Non-Structural* ▪ Spill Clean-up – Spills from dispensers will be absorbed and swept up immediately and either reused or disposed of properly. ▪ Good Housekeeping – The storage tank area will be kept clean and orderly. ▪ Inspections – The aboveground storage tank, associated piping, secondary containment, and loading area are all inspected regularly during facility reviews. Any problems with this equipment will be corrected immediately.

Truck/Equipment Parking/ Storage Area / Area E	*Non-Structural* ▪ Area Maintenance – The soil and/or pavement in this area will be spot treated as necessary to address any leaks from equipment. ▪ Preventative Maintenance – The facility has a preventative maintenance program in place to keep equipment in good working order. This program will help keep equipment from leaking. ▪ Absorbent material – Employees will place absorbent pads or catchment pans under equipment that leak. The leak should be reported to the Maintenance Supervisor. ▪ Absorbent material - Absorbent socks will be placed inside the fence at the facilities two discharge points to prevent oil from leaving the property if the district deems it necessary. ▪ Good Housekeeping – The truck parking area will be kept clean and orderly. ▪ Inspections – This area is regularly inspected during facility reviews. Any areas, which need attention, will receive it immediately.
Chemical Warehouse / Area F	*Structural* ▪ Covered Building – The chemical warehouse is a covered building with a concrete floor which greatly minimizes any products exposure to storm water. *Non-Structural* ▪ Spill Clean-up – Spills inside and outside the building will be cleaned-up immediately to prevent the spill from migrating out of the building and impacting storm water runoff. ▪ Good Housekeeping – The chemical warehouse area will be kept clean and orderly. ▪ Inspections – This area is regularly inspected during facility reviews. Any spills or other problems identified will be addressed immediately.
Maintenance Shop / Area G	*Structural* ▪ Covered Building – The maintenance shop is a covered building with a concrete floor which greatly minimizes any exposure to storm water. ▪ Sump System – contains leaks, spills, or wash down fluids and eliminates the potential for migration outside of the maintenance shop. *Non-Structural* ▪ Spill Clean-up – Spills inside and outside the shop will be cleaned-up immediately to prevent the spill from migrating out of the shop and impacting storm water runoff. ▪ Good Housekeeping – The maintenance shop will be kept clean and orderly. ▪ Inspections – This area is regularly inspected during facility reviews. Any spills or other problems identified will be addressed immediately.

Lubrication Oils Storage Area / Area H	*Structural* ▪ All lube oil storage tanks have secondary containment sufficient to contain a catastrophic failure of the largest tank plus adequate freeboard for precipitation. *Non-Structural* ▪ Spill Clean-up – Spills will be cleaned up with absorbent material immediately and disposed of properly. ▪ Good Housekeeping – The lubrication oils storage area will be kept clean and orderly. ▪ Inspection – The lubrication oils storage area is inspected regularly during facility reviews. Any spills or other problems identified will be addressed immediately.
LFC Storage Area / Area I	*Structural* ▪ Secondary Containment – LFC storage tanks are placed in steel secondary containments on a concrete floor sufficient to contain a catastrophic failure plus adequate freeboard for precipitation. ▪ LFC storage area is covered to protect the blending operation from impacting storm water. *Non-Structural* ▪ Spill Clean-up – Spills will be cleaned up with absorbent material immediately and disposed of properly. ▪ Good Housekeeping – The LFC blending area will be kept clean and orderly. ▪ Inspection – The LFC blending area is inspected regularly during facility reviews. Any spills or other problems identified will be addressed immediately.
Sand Plant / Area J	*Structural* ▪ Dust Control – The sand plant is a completely enclosed pneumatic system. A dust collector is in place and maintained to control dust emissions from the system (see permit). *Non-Structural* ▪ Spill Cleanup – Spills of dry material will be swept up immediately and either reused or disposed of properly. ▪ Good Housekeeping – The sand plant area will be kept clean and orderly. ▪ Inspection – The sand plant is inspected regularly during facility reviews. Any visible dust emissions will be corrected immediately.
Reclaim Cement Silo / Area K	*Structural* ▪ Dust Control – The reclaim silo is a completely enclosed pneumatic system. A dust collector is in place and maintained to control dust emissions from the system (see permit). *Non-Structural* ▪ Spill Cleanup – Spills of dry material will be swept up immediately and either reused or disposed of properly. ▪ Good Housekeeping – The reclaim silo area will be kept clean and orderly. ▪ Inspection – The reclaim silo is inspected regularly during facility reviews. Any visible dust emissions will be corrected immediately.

Pump Testing Area / Area L	*Structural* ▪ Secondary Containment – Secondary Containment has been setup to control small spills associated with water in hoses after testing is complete. *Non-Structural* ▪ Spill Clean-up – Spills will be cleaned up with absorbent material immediately and disposed of properly. ▪ Good Housekeeping – The pump testing area will be kept clean and orderly. ▪ Inspection – The pump testing area is inspected regularly during facility reviews. Any corrective actions will be addressed immediately.

FIGURES



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

Figure 1: Facility Layout and Drainage Plan

Farmington District **3250 Southside River Road** **Farmington, NM 87401**	**Not To Scale**	**REVISION DATE:** **03/18/08**	**DRAWN BY:** **JSG**

ATTACHMENT 5

BORING LOG

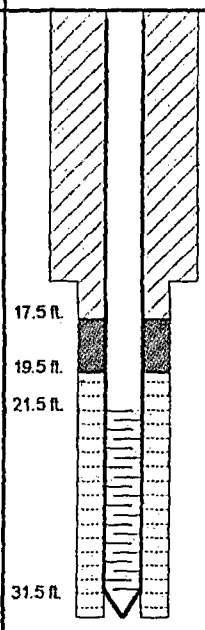
ON SITE TECHNOLOGIES, LTD.
P.O. BOX 2606, FARMINGTON, NM 87499
(505) 325-5667

TEST HOLE LOG & MONITOR WELL DETAIL
MONITOR WELL: MW-5

Project: BJ Services Co. - Hydrogeologic Investigation
Project No: 4-1276

Project Location: 3250 Southside River Rd., Farmington, NM		Logged By: Myke Lane	Approved: M K Lane
Drilling Contractor: Envirodrill		Date Started: 6/25/96	Date Completed: 6/25/96
Drilling Equipment: CME-75	Driller: R. Holton	TD Boring (ft): 32.33	Static Water Depth (ft): 27.5
Drilling Method: HSA/ODEX	Borehole Dia. (in): 7.5 / 5.0	TOC Elevation: 99.87	Ground Elevation:
Sampling Method: Split-spoon		Well Casing (Diameter & Type): 2 in. - Sch 40 PVC	
COMMENTS: Static water level noted during drilling and prior to completion of the monitor well. Well construction depths estimated to nearest 0.5 ft.		Slot Size (in): 0.010	Filter Material: Silica Sand 10/20
		Development Method: Bailer	

Depth (feet)	Depth to Water During Drilling (ft)	USCS	Lithology	Field Description & Remarks	Sampled Interval	Field PID Reading	Lab TPH: EPA 418.1 (ppm)
0				ASPHALT over BASE COARSE.			
		SM/SP		Lt. brown medium to fine SILTY SAND, sl. moist, firm to dense.			
		SM/SP		SAME AS ABOVE (SAA): med. gray-brown, minor gravel, faint petroleum odor.		58.1	59
10'		SM/SP		SAA, lt. brown, sl. fining downward, no odor.		ND	39
		SC/CL		Lt. brown SANDY CLAY to CLAYEY fine SAND, moist, sl. plastic, soft to sl. stiff.		ND	<25
		GM		GRAVEL (cobbles): 16.5 ft.			
20'				No Recovery			
	▽			Static Water Level: 27.5 ft.			
30'							
				TOTAL DEPTH: 32'-04"			
40'							
50'							



Monitor Well Construction & Remarks

Well completed with 8 in. bolt-down flush valve cover and locking plug.

Change over to ODEX drilling.

17.5 ft. Top of Bentonite Seal

19.5 ft. Top of Filter Pack

21.5 ft. Top of Screened Interval

31.5 ft. Bottom of Screened Interval.

Total Depth Boring: 32.33 ft.

BY : MKL
DATE : 07/16/96
FILE : 41276B1.CAD

Griswold, Jim, EMNRD

From: Griswold, Jim, EMNRD
Sent: Thursday, September 25, 2008 9:57 AM
To: 'joshua.morrissette@bjservices.com'
Subject: Dischage Permit Renewal for Farmington Service Facility (GW-97)

Josh,

While the application is administratively complete, there are still some "technical" questions that need to be resolved.

I have still not received any information from either BJ Services or Souder Miller regarding the historic diesel release.

All above-ground tanks (including saddle tanks) must have impermeable secondary containment which will contain a volume at least 1/3 greater than the volume of the tank or of all interconnected tanks. Could you please provide a concise listing of all tanks including individual tank volumes, specific contents, along with the means and capacity of secondary containment. Table 1 in the application is categorized by materials with estimations of stored volumes, but not the number, location, and size of tanks with no description of the secondary containment.

The application in Section XII. Site Characteristics cites the nearest bodies of surface water as the Animas River approximately one mile to the north, and the San Juan River as situated approximately 1.5 miles to the south. In actuality, the nearest reach of the Animas River is only 0.4 miles to the north-northwest of the property boundary and the San Juan River is only one mile to the south. A surface pond is situated just south of the Bloomfield Highway (NM 64) at a distance of 0.6 miles. The Echo Ditch flows south immediately parallel to the western property line within 120 feet of the BJ Services facility and another surface tributary flows southwest at a distance of perhaps 1,000 feet toward the southeast, both of which drain into the San Juan River.

As an attachment to your application, you provide a Spill Prevention Control and Countermeasure Plan dated December 2004 describing storm water flowing into an "unnamed ditch" on the west side of the property discharging at the southwest corner. The figure accompanying this plan illustrates a catchment tank upstream of the outfall without further description of the tank. The plan goes on to say the stormwater flows west for 150 yards along Southside River Road before emptying into the municipal drain (this would be near the intersection of Hutton Road). That drain then discharges into the San Juan River. The average annual precipitation in the Farmington area is 9 inches of rain. Given the size of the property, this would amount to an average annual discharge of perhaps 630,000 cubic feet (4.7 million gallons) of stormwater potentially contaminated with any of the various materials handled and/or stored at the facility. This stormwater could either flow off-site or be infiltrated directly into the subsurface in those on-site areas without an impermeable surface treatment and thus impact shallow protected groundwater. While the plan specifically discusses protection measures in 3 specific areas of the service facility (the shop, the fuel island, and the LFC storage) in terms of secondary containment and spill cleanup, it does not appear to address the remainder of operations.

There is no mention within the application of the location and use of any water wells within ¼-mile of the perimeter of the facility. I did a quick check of the online database of the NM Office of the State Engineer and was able to find within Sections 11, 12, 13, and 14 of Township 29 North, Range 13 West a total of 205 water wells. The majority of these wells were installed with a stated intended use for irrigation. 12 have an intended use for municipal or multi-user consumption, and another 38 for single family domestic wells. Could you please avail yourself of this database and determine which wells, if any, are situated within the requisite distance of the property boundaries.

Jim Griswold
Hydrologist
Environmental Bureau
ENMRD/Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505
direct: 505.476.3465
email: jim.griswold@state.nm.us

AFFIDAVIT OF PUBLICATION

Ad No. 60448

STATE OF NEW MEXICO
County of San Juan:

BOB WALLER, being duly sworn says: That he is the CLASSIFIED MANAGER of THE DAILY TIMES, a daily newspaper of general circulation published in English at Farmington, said county and state, and that the hereto attached Legal Notice was published in a regular and entire issue of the said DAILY TIMES, a daily newspaper duly qualified for the purpose within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico for publication and appeared in the Internet at The Daily Times web site on the following day(s):

Monday, July 21, 2008

And the cost of the publication is $256.01

ON 7/30/08 BOB WALLER appeared before me, whom I know personally to be the person who signed the above document.

Christine Sellers

My Commission Expires 11/05/11

COPY OF PUBLICATION

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 (20.6.2.3106 NMAC), the following discharge permit application(s) has been sub mitted to the Director of the New Mexico Oil Conservation Di vision ("NMOCD"), 1220 S. Saint Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

(GW-353) Williams Four Corners., Mr. David Bays, Sen ior Environmental Specialist, 188 County Road 4900, Bloomfield, N.M. 87413, has submitted a renewal appli cation for the previously approved discharge plan for their Culpepper compressor station, located in the NE/4 NE/4 of Section 1, Township 31 North, Range 13 West, NMPM, San Juan County, approximately 10.5 miles northwest of Aztec, New Mexico. The facility provides metering and compression services to various producers for the gathering of natural gas for treatment and deliv ery. Approximately 100-5000 gal/year/unit of waste/wash down water; 1000-4000 bbl/year of used glycol and 500-2000 gal/year/engine of used oil are generated and stored in onsite within a bermed area prior to disposal at an NMOCD approved facility. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 50 - 200 feet, with a total dis solved solids concentration of approximately 200 - 2000 ppm. The discharge plan addresses how oilfield prod ucts and waste will be properly handled, stored, and dis posed of, including how spills, leaks, and other acciden tal discharges to the surface will be managed in order to protect fresh water.

(GW-97) BJ Services Company USA, 11211 FM 2920 Tomb all, Texas 77375 has submitted an application for renewal of a discharge plan for their Farmington Service Facility, 3250 Southside River Road in Farmington, NM, located in Sections 13 and 14, Township 29 North, Range 13 West, NMPM (San Juan County). The facility provides oil field services including cementing, acidizing, and fracturing services at oil and gas well sites. Materials generated an d/or stored at the facility include but are not limited to ce ment, acids, detergents, salts, biocides, solvents, used oil, scrap metal, tires, batteries, antifreeze, and wastewater in various quantities. The aquifer most likely to be af fected by an accidental leak from this facility is 25 feet in depth and the total dissolved solids concentration of this aquifer is approximately 1,500 to 2,000 milligrams per lit er. The nearest surface watercourse is the Animas River located approximately one mile to the northwest. The San Juan River is situated approximately 1.5 miles to the south. The discharge plan addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental dis charges to the surface will be managed in order to protect fresh water.

(GW-156) Key Energy Services, 6 Desta Drive, Suite 400, Midland, Texas 79705 has submitted an application for re newal of a discharge plan for their Farmington Service Facility, 5651 US Highway 64 in Farmington, NM, located in the NE ¼ of the NE ¼ (Unit A) of Section 29, Township 29 North, Range 12 West, NMPM (San Juan County). The facility is used for dispatch and maintenance of petro leum exploration and production equipment. Materials generated and/or stored at the facility include but are not limited to: motor and gear oils, filters, solvents, and fu els. The aquifer beneath this facility lies at a depth be tween 8 and 23 feet below ground surface with a concen tration of total dissolved solids ranging between 1,500 to 8,500 milligrams per liter. The nearest surface water lies within the San Juan River flowing near the southern prop erty boundary. The discharge plan addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other acciden tal discharges to the surface will be managed in order to protect fresh water.

The NMOCD has determined that the application is adminis tratively complete and has prepared a draft permit. The NMOCD will accept comments and statements of interest re garding this application and will create a facility-specific mailing list for persons who wish to receive future notices. Persons interested in obtaining further information, submit ting comments or requesting to be on a facility-specific mail ing list for future notices may contact the Environmental Bu reau Chief of the Oil Conservation Division at the address giv en above. The administrative completeness determination and draft permit may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday, or may also be viewed at the NMOCD web site http://www.emnrd.sta te.nm.us/ocd/. Persons interested in obtaining a copy of the application and draft permit may contact the NMOCD at the address given above. Prior to ruling on any proposed dis charge permit or major modification, the Director shall allow a period of at least thirty (30) days after the date of publica tion of this notice, during which interested persons may sub mit comments or request that NMOCD hold a public hearing. 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 that there is significant public interest.

If no public hearing is held, the Director will approve or disap prove the proposed permit based on information available, in cluding all comments received. If a public hearing is held, the director will approve or disapprove the proposed permit based on information in the permit application and information sub mitted at the hearing.

Para obtener más información sobre esta solicitud en espa n?ol, sirvase comunicarse por favor: New Mexico Energy, Minerals and Natural Resources Department (Depto. Del En ergia, Minerals y Recursos Naturales de Nuevo México), Oil Conservation Division (Depto. Conservación Del Petróleo), 1220 South St. Francis Drive, Santa Fe, New México (Conta cto: Dorothy Phillips, 505-476-3461)

GIVEN under the Seal of New Mexico Oil Conservation Com mission at Santa Fe, New Mexico, on this 17th day of July 2008:

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
SEAL Mark Fesmire, Director

Legal No. 60448 published in The Daily Times, Farmington, New Mexico on Monday July 21, 2008

THE SANTA FE
NEW MEXICAN
Founded 1849

RECEIVED
2008 JUL 26 PM 3

NM EMNRD Oil Conserv Div.
Jim Griswold
1220 S. St. Francis Drive
Santa Fe, NM 87505

ALTERNATE ACCOUNT: 56689
AD NUMBER: 00262050 ACCOUNT: 00002212
LEGAL NO: 85693 P.O. #: 52100-00000137
361 LINES 1 TIME(S) 314.16
AFFIDAVIT: 7.00
TAX: 25.49
TOTAL: 346.65

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 (20.6.2.3106 NMAC), the following discharge permit applications have been submitted to the Director of the New Mexico Oil Conservation Division ("NMOCD"), 1220 S. Saint Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO
COUNTY OF SANTA FE

I, L. Paquin, 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 # 85693 a copy of which is hereto attached was published in said newspaper 1 day(s) between 07/23/2008 and 07/23/2008 and that the notice was published in the newspaper proper and not in any supplement; the first date of publication being on the 23rd day of July, 2008 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/S/ L. Paquin
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 23rd day of July, 2008

Notary Pamela Anne Beach

Commission Expires: May 31, 2011

OFFICIAL SEAL
Pamela Anne Beach
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires: 5-31-11

(GW-97) BJ Services Company USA, 11211 FM 2920 Tomball, Texas 77375 has submitted an application for renewal of a discharge plan for their Farmington Service Facility, 3250 Southside River Road in Farmington, NM, located in Sections 13 and 14, Township 29 North, Range 13 West, NMPM (San Juan County). The facility provides oil field services including cementing, acidizing, and fracturing services at oil and gas well sites. Materials generated and/or stored at the facility include but are not limited to cement, acids, detergents, salts, biocides, solvents, used oil, scrap metal, tires, batteries, antifreeze, and wastewater in various quantities. The aquifer most likely to be affected by an accidental leak from this facility is 25 feet in depth and the total dissolved solids concentration of this aquifer is approximately 1,500 to 2,000 milligrams per liter. The nearest surface watercourse is the Animas River located approximately one mile to the northwest. The San Juan River is situated approximately 1.5 miles to the south. 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.

(GW-156) Key Energy Services, 6 Desta Drive, Suite 400, Midland, Texas 79705 has submitted an application for renewal of a discharge plan for their Farmington Service Facility, 5651 US Highway 64 in Farmington, NM, located in the NE 1/4 of the NE 1/4 (Unit A) of Section 29, Township 29 North, Range 12 West, NMPM (San Juan County). The facility is used for dispatch and maintenance of petroleum exploration and production equipment. Materials generated and/or stored at the facility include but are not limited to: motor and gear oils, filters, solvents, and fuels. The aquifer beneath this facility lies at a depth between 8 and 23 feet below ground surface with a concentration of total dissolved solids ranging between 1,500 to 8,500 milligrams per liter. The nearest surface water lies within the San Juan River flowing near the southern property boundary. 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.

(GW-294) Plains Pipeline LP, 333 Clay Street, Suite 1600, Houston, Texas 77210-4648 has submitted an application for renewal of a discharge plan for their Townsend Remediation Site located within Unit P of Section 11, Township 16 South, Range 35 East approximately two miles southwest of Lovington, New Mexico (Lea County) south of Highway 82. An uncontrolled release of crude oil from a ruptured pipeline occurred at the Site in 1997. At present, approximately 400 gallons of recovered crude oil and 250 gallons of contaminated groundwater are brought to the surface on an annual basis. The discharge plan addresses the manner in which these materials are properly handled temporarily stored on-site, and properly disposed off-site, including how spills, leaks, and other accidental discharges to the surface will be managed. Groundwater in the area is at a depth of approximately 50 feet below ground surface with a concentration of total dissolved solids between 500 and 2,000 milligrams per liter.

(GW-379) El Paso Natural Gas Company, 3300 North A Street, Building 2 Suite 200, Midland, Texas 79705 has submitted an application for a new discharge plan for their planned Eunice C Compressor Station, near Oil Center, NM, located in the SE 1/4 of the NW 1/4 of Section 5, Township 21 South, Range 36 East, NMPM (Lea County). The facility will be used for the compression of pipeline quality natural gas. Materials generated and/or stored at the facility include but may not be limited to: new and used lubricating oils, coolant water, filters, paints, detergents, and cleaning supplies. The aquifer beneath this facility lies at a depth of 160 feet below ground surface with a concentration of total dissolved solids ranging between 707 to 4,230 milligrams per liter. 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.

The NMOCD has determined that these applications are administratively complete and has prepared draft permits for each facility. The NMOCD will accept comments and statements of interest regarding these applications and will create a facility specific mailing lists for persons who wish to receive future notices. Persons interested in obtaining further information, submitting comments or requesting to be on a facility-specific mailing list for future notices may contact the Environmental Bureau Chief of the Oil Conservation Division at the address given above. The administrative completeness determinations and draft permits may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday, or may also be viewed at the NMOCD web site http://www.emnrd.state.nm.us/ocd/. Persons interested in obtaining a copy of the applications and draft permits may contact the NMOCD at the address given above. Prior to ruling on any proposed discharge permit or major modification, the Director shall allow a period of at least thirty (30) days after the date of publication of this notice, during which interested persons may submit comments or request that NMOCD hold a public hearing. 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 that there is significant public interest.

If no public hearings are held, the Director will approve or disapprove the proposed permits based on information available, including all comments received. If individual public hearings are held, the director will approve or disapprove the proposed permits based on information in the permit application and information submitted at those hearings.

Para obtener más información sobre esta solicitud en espan_ol sírvase comunicarse por favor: New Mexico Energy, Minerals and Natural Resources Department (Depto. Del Energía, Minerals y Recursos Naturales de Nuevo México); Oil Conservation Division (Depto. Conservación Del Petróleo), 1220 South St. Francis Drive, Santa Fe, New México (Contacto: Dorothy Phillips, 505-476-3461).

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 17th day of July 2008.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

S E A L
Mark Fesmire,
Director
Legal No. 85693
Pub. July 23, 2008

RECEIVED July 14, 2008

2008 JUL 15 PM 3 48 S Overnight

New Mexico Environmental Department
Oil Conservation Division
Attn: Jim Griswold
1220 South St. Francis Dr.
Santa Fe, NM 87505

RE: Discharge Plan Application Public Notice Confirmation for GW-097 &
Discharge Plan Fees for GW-097 & GW-072
BJ Services Company, U.S.A.
11211 FM 2920
Tomball, TX 77375

Dear Mr. Griswold:

Enclosed with this letter is the Affidavit of Publication, which confirms BJ Services Company, U.S.A. has appropriately completed the required public notice process for the Discharge Plan Application renewal associated with our located at 3250 Southside River Road, Farminton, NM.

Also enclosed is check number 3309431 in the amount of $3,400.00 for payment of the filling fees associated with GW-097 and GW-072, which overseen by Mr. Glen von Gonten and is located at 2708 West County Road, Hobbs, NM. BJ Services owed these filling fees for each discharge permit renewal and consolidated the payment into one check.

If there are any questions or comments, please contact me at (281) 357-2573.

Thank You.

Josh Morrissette
HSE Specialist

Cc: Glen von Gonten – NM OCD, Santa Fe
File – BJ Services, Tomball

Enclosures

D

AFFIDAVIT OF PUBLICATION

Ad No.588180

STATE OF NEW MEXICO
County of San Juan:

CONNIE PRUITT, being duly sworn
That she is the ADVERTISING DIRECT
THE DAILY TIMES, a daily newspap
general circulation published in Engli
Farmington, said county and state, an
the hereto attached Legal Notice
published in a regular and entire issue
said DAILY TIMES, a daily newspape
qualified for the purpose within the mea
Chapter 167 of the 1937 Session Laws
State of New Mexico for publicatio
appeared in The Daily Times on the fo

June 27, 2008

And the cost of the publication is $ 4

ON 6/30/08 CONNIE P
appeared before me, whom I know per
to be the person who signed the
document.

Christine Sellers

My Commission Expires 11/05/11

COPY OF PUBLICATION

ANUNCIO AL PUBLICO EN GENERAL

LA COMPANIA BJ SERVICES U.S.A. 11211 FM TOMBALL, TX 77382, HA ENTREGADO UNA APICACION A EL DEPARTAMENTO DE ENERGIA, MINERALES Y RECURSOS NATURALES, DIVISION "CONSERVACION DEL PETROLEO" DE EL PLAN DE DESCARGAS PREVIAMENTE APROBADO (GW-97) PARA SU DISTRITO DE FARMINGTON LOCALIZADO EN 3250 SOUTHSIDE RIVER ROAD (SECCIONES PARCIALES 13 Y 14, TOWNSHIP 29 NORTH, RANGO 13 WEST) EN FARMINGTON, NUEVO MEXICO (CONDADO SAN JUAN).

LA BASE OFRECE SERVICIOS A LA INDUSTRIA PETROLERA DE CEMENTACION, ACIDIFICACION, Y FRACTURAS EN POZOS DE PETROLEO Y GAS. MATERIALES GENERADOS Y/O ALMACENADOS EN LA FACILIDAD INCLUYEN PERO NO ESTAN LIMITADOS: A CEMENTO, ACIDOS, DETERGENTES, SALES, BIOCIDAS, SOLVENTES, ACEITE USADO, PEDACERIA METALICA, LLANTAS, BATERIAS, ANTICONGELANTES, Y AGUA DE DESECHO EN VARIAS CANTIDADES. LA MAYOR AFECTACION AL ACUIFERO EN CASO DE UN DERRAME ACCIDENTAL DE ESTA FACILIDAD ES APROXIMADAMENTE A 25 ft, Y LA CONCENTRACION TOTAL DE SOLIDOS DISUELTOS ES APROXIMADAMENTE DE 1,500 A 2,000 MILIGRAMOS POR LITRO. LA SUPERFICIE DE AGUA MAS CERCANA ES EL RIO ANIMAS LOCALIZADO APROXIMADAMENTE UNA MILLA HACIA EL NOROESTE. EL RIO SAN JUAN ESTA SITUADO APROXIMADAMENTE 1.5 MILLAS HACIA EL SUR.

CUALQUIER PERSONA(AS) INTERESADA(S) QUE DESEE OBTENER INFORMACION, FAVOR DE ENVIAR SUS COMENTARIOS O PETICIONES A LA DIRECCION "DEPARTAMENTO DE CONSERVACION DEL PETROLEO" EN NUEVO MEXICO 1220 SOUTH ST. FRANCIS DRIVE, SANTA FE, NEW MEXICO 87505, TEL (505) 476-3492. CON ATENCION A JIM GRISWOLD, O COLOCARLOS EN EL BUZON DE SUGERENCIAS DE LA BASE. EL DEPARTAMENTO DE CONSERVACION DE PETROLEO ACEPTARA COMENTARIOS Y PETICIONES DE RENOVACION Y CREARA UNA LISTA DE CORREO ESPECIFICA DE LA BASE PARA LAS PERSONAS QUE DESEEN RECIBIR NOTICIAS EN EL FUTURO.

PUBLIC NOTICE

BJ Services Company, U.S.A. 11211 FM 2920, Tomball, TX 77382, has submitted an application to the New Mexico Energy, Minerals and Natural Resources Department, Oil Conservation Division of the previously approved discharge plan (GW-97) for their Farmington District located at 3250 Southside River Road (partial Sections 13 and 14, Township 29 North, Range 13 West) in Farmington, New Mexico (San Juan County).

The facility provides services for oil field services including cementing, acidizing, and fracturing services at oil and gas well sites. Materials generated and/or stored at the facility include, but are not limited to, cement, acids, detergents, salts, biocides, solvents, used oil, scrap metal, tires, batteries, antifreeze, and wastewater in various quantities. The aquifer most likely to be affected by an accidental leak from this facility is approximately 25 feet in depth, and the total dissolved solids concentration of this aquifer is approximately 1,500 to 2,000 milligrams per liter. The nearest surface watercourse is the Animas River located approximately one mile to the northwest. The San Juan River is situated approximately 1.5 miles to the south.

Any interested person or persons may obtain information, submit comments or request to be placed on a facility-specific mailing list for future notices by contacting Jim Griswold at the New Mexico OCD at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3465. The OCD will accept comments and statements of interest regarding the renewal and will create a facility-specific mailing list for persons who wish to receive future notices.

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. _____ dated 7/10/08

or cash received on _____ in the amount of $ 1700 00

from BJ Services Co.

for GW-97

Submitted by: Lawrence Romero Date: 7/16/08

Submitted to ASD by: Lauren Romero Date: 7/16/08

Received in ASD by: _____ Date: _____

Filing Fee _____ New Facility _____ Renewal _____

Modification _____ Other _____

Organization Code 521.07 Applicable FY 2004

To be deposited in the Water Quality Management Fund.

Full Payment ✓ or Annual Increment _____

New Mexico Energy, Minerals and Natural Resources Department

Bill Richardson
Governor
Joanna Prukop
Cabinet Secretary
Reese Fullerton
Deputy Cabinet Secretary

Mark Fesmire
Director
Oil Conservation Division

June 9, 2008

Mr. Joshua Morrissette
HSE Specialist
BJ Services Company, USA
11211 FM 2920
Tomball, Texas 77375

Re: Application for Renewal of Discharge Permit GW-097

Mr. Morrissette:

The Oil Conservation Division (OCD) previously received BJ Services Company, USA's application to renew discharge permit GW-097 for the service facility located at 3250 Southside River Road within Sections 13 and 14 of Township 29 North, Range 13 West, NMPM, in Farmington, New Mexico. Having recently received a signed and dated application form, the OCD has determined your application is now "administratively complete".

Therefore, the New Mexico Water Quality Control Commission (WQCC) regulations public notice requirements of 20.6.2.3108 NMAC must be satisfied and demonstrated to the OCD. I have taken the liberty of attaching to this letter a draft version of such a notice. The OCD will provide public notice pursuant to the WQCC notice requirements of 20.6.2.3108 NMAC to determine if there is any public interest.

If there are any questions regarding this matter, please do not hesitate to contact me at (505) 476-3465 or by email at *jim.griswold@state.nm.us*. Please refer to permit GW-097 in all future communication. On behalf of the OCD, I wish to thank you and your staff for your continued cooperation during the review process.

Respectfully,

Jim Griswold
Hydrologist

attachment

JG/jg
cc: OCD District III Office, Aztec

PUBLIC NOTICE

BJ Services Company, USA, 11211 FM 2920, Tomball, Texas 77375 has submitted a renewal application to the New Mexico Energy, Minerals and Natural Resources Department, Oil Conservation Division of the previously approved discharge plan (GW-97) for their Farmington Service Facility located at 3250 Southside River Road (partial Sections 13 and 14, Township 29 North, Range 13 West) in Farmington, New Mexico (San Juan County).

The facility provides oil field services including cementing, acidizing, and fracturing services at oil and gas well sites. Materials generated and/or stored at the facility include but are not limited to cement, acids, detergents, salts, biocides, solvents, used oil, scrap metal, tires, batteries, antifreeze, and wastewater in various quantities. The aquifer most likely to be affected by an accidental leak from this facility is 25 feet in depth and the total dissolved solids concentration of this aquifer is approximately 1,500 to 2,000 milligrams per liter. The nearest surface watercourse is the Animas River located approximately one mile to the northwest. The San Juan River is situated approximately 1.5 miles to the south.

Any interested person or persons may obtain information, submit comments or request to be placed on a facility-specific mailing list for future notices by contacting Jim Griswold at the New Mexico OCD at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3465. The OCD will accept comments and statements of interest regarding the renewal and will create a facility-specific mailing list for persons who wish to receive future notices.

June 2, 2008

RECEIVED
2008 JUN 3 PM 1 59

UPS Overnight

New Mexico Environmental Department
Oil Conservation Division
Attn: Jim Griswold
1220 South St. Francis Dr.
Santa Fe, NM 87505

RE: Discharge Plan Renewal Application
GW-97
BJ Services Company, U.S.A.
11211 FM 2920
Tomball, TX 77375

Dear Mr. Griswold:

Enclosed is a signed Discharge Plan Application for a renewal of BJ Services Company, U.S.A. Facility located at 3250 Southside River Road, Farmington, NM.

Public notice for GW-97 Renewal will be placed in the Farmington Daily Times, once the OCD determines the renewal application is complete.

If there are any questions or comments, please contact me at (281) 357-2573.

Thank You.

Josh Morrissette
HSE Specialist

Cc: File – BJ Services, Tomball

Enclosure

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 June 10, 2003

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
2. Operator: BJ SERVICES COMPANY, U.S.A.

   Address: 3250 Southside River Road, Farmington, NM 87401

   Contact Person: JOSH MORRISSETTE Phone: 281.357.2573
3. Location: W/2 SW/4 E/2 SE /4 NW/4 NE/4 Section 13 14 Township 29 NORTH Range 13 WEST

   Submit large scale topographic map showing exact location.
4. Attach the name, telephone number and address of the landowner of the facility site.
5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.
6. Attach a description of all materials stored or used at the facility.
7. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included.
8. Attach a description of current liquid and solid waste collection/treatment/disposal procedures.
9. Attach a description of proposed modifications to existing collection/treatment/disposal systems.
10. Attach a routine inspection and maintenance plan to ensure permit compliance.
11. Attach a contingency plan for reporting and clean-up of spills or releases.
12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included.
13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.

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

Name: JOSH MORRISSETTE Title: HSE SPECIALIST

Signature: Date: 6-2-2008

E-mail Address: joshua.morrissette@bjservices.com

Griswold, Jim, EMNRD

From: Griswold, Jim, EMNRD
Sent: Thursday, May 29, 2008 4:53 PM
To: 'joshua.morrissette@bjservices.com'
Subject: Discharge Plan GW-97 Renewal Application

Mr. Morrissette,

I am in the process of reviewing your application for renewal of Discharge Permit GW-97 for your services facility at 3250 Southside River Road in Farmington. The first milestone in the approval process is determining if the application is "administratively complete". The OCD has determined the application is not administratively complete as you have failed to sign and date the renewal application form. I need an original signature as soon as possible. I left a voice message for you earlier today regarding this matter. Thank you for your efforts and please feel free to contact me at any time with questions or comments.

Jim Griswold
Hydrologist
Environmental Bureau
ENMRD/Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505
direct: 505.476.3465
email: jim.griswold@state.nm.us

March 19, 2008

UPS Overnight

New Mexico Environmental Department
Oil Conservation Division
Attn: Wayne Price
1220 South St. Francis Dr.
Santa Fe, NM 87505

RE: Discharge Plan Renewal Application & Associated Fee
GW-97
BJ Services Company, U.S.A.
11211 FM 2920
Tomball, TX 77375

Dear Mr. Price:

Enclosed is a Discharge Plan Application for a renewal of BJ Services Company, U.S.A. Facility located at 3250 Southside River Road, Farmington, NM. Also enclosed is check number 3237767 in the amount of $100.00 for payment of the associated administrative fees.

Public notice for GW-97 Renewal will be placed in the Farmington Daily Times, once the OCD determines the renewal application is complete.

If there are any questions or comments, please contact me at (281) 357-2573.

Thank You.

Josh Morrissette
HSE Specialist

Cc: District III - NMOCD, Aztec
File – BJ Services, Tomball

Enclosures

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 June 10, 2003

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
2. Operator: BJ SERVICES COMPANY, U.S.A.

   Address: 3250 Southside River Road, Farmington, NM 87401

   Contact Person: JOSH MORRISSETTE Phone: 281.357.2573
3. Location: W/2 SW/4 E/2 SE /4 NW/4 NE/4 Section 13 14 Township 29 NORTH Range 13 WEST
   Submit large scale topographic map showing exact location.
4. Attach the name, telephone number and address of the landowner of the facility site.
5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.
6. Attach a description of all materials stored or used at the facility.
7. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included.
8. Attach a description of current liquid and solid waste collection/treatment/disposal procedures.
9. Attach a description of proposed modifications to existing collection/treatment/disposal systems.
10. Attach a routine inspection and maintenance plan to ensure permit compliance.
11. Attach a contingency plan for reporting and clean-up of spills or releases.
12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included.
13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.
14. CERTIFICATIONI hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: JOSH MORRISSETTE Title: HSE SPECIALIST

Signature: _____ Date: _____

E-mail Address: joshua.morrissette@bjservices.com

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. _____ dated 3/12/08

or cash received on _____ in the amount of $ 100 00

from BJ Services Co.

for GW-97

Submitted by: Lawrence Romero Date: 3/25/08

Submitted to ASD by: Yvette Torres Date: 3/25/08

Received in ASD by: _____ Date: _____

Filing Fee ✓ New Facility _____ Renewal _____

Modification _____ Other _____

Organization Code 521.07 Applicable FY 2004

To be deposited in the Water Quality Management Fund.

Full Payment _____ or Annual Increment _____

Farmington Discharge Plan

BJ Services Company, USA
3250 Southside River Road
Farmington, NM 87401

BJ Services Company, U.S.A.

Discharge Plan – Farmington, New Mexico

March 2008

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: Daren Posey

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. Josh Morrissette

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 Junk Cement	Solid Solid Solid Solid Solid Liquid Liquid Solid	Silos Silos Silos Silos Silos Tanks AST Silo	1,400 Tons 800 sacks 18,500 lbs 4,200 sacks 3000 cu ft. 38,500 gal 20,000 gal 2,200 tons	Yard Yard Yard Yard Yard Fuel Island Shop Yard

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 silo	Used by various people	Equal Venture 3811 Century Drive El Paso, Tx 79938
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

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.

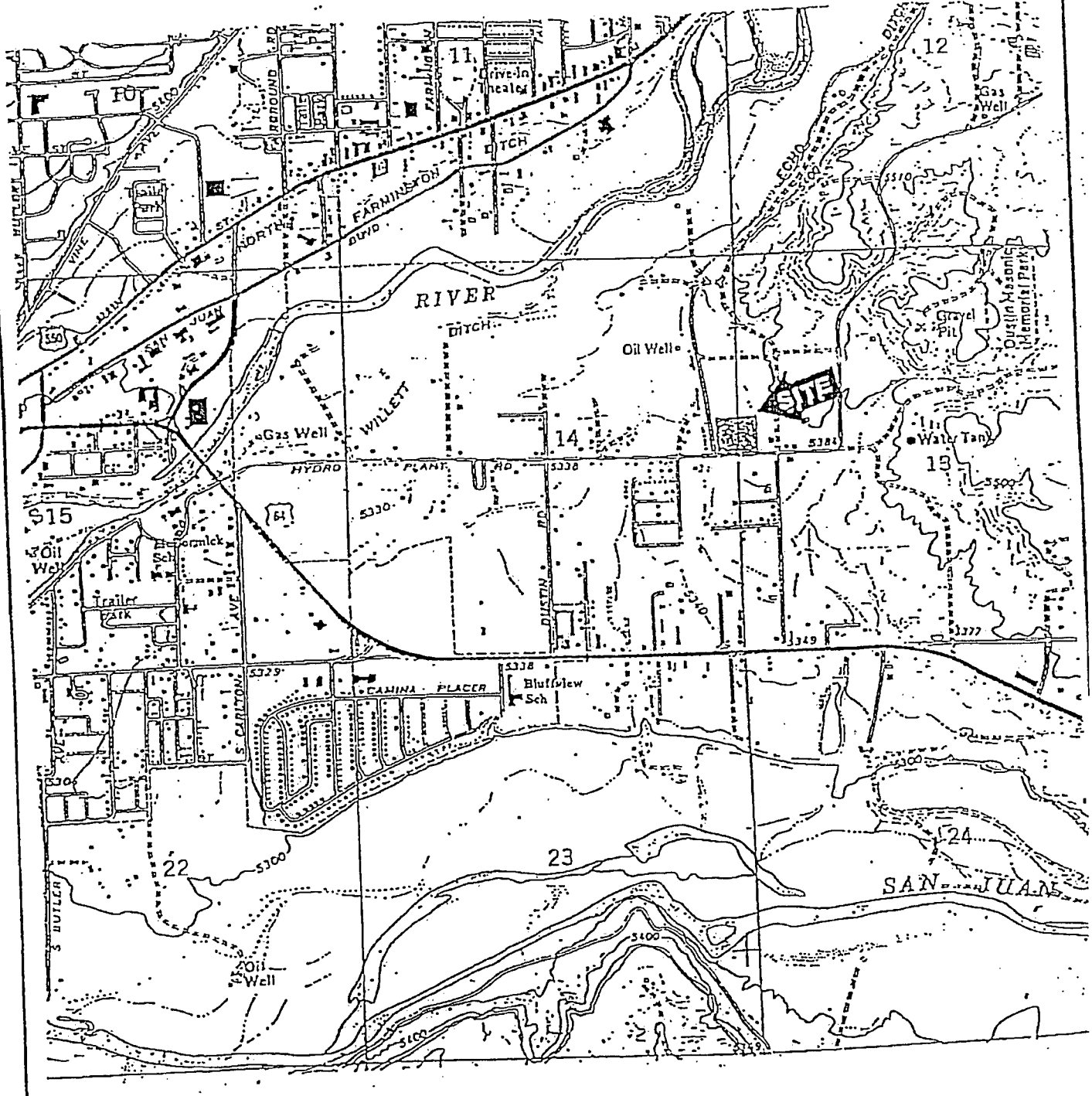
Groundwater is at approximately 25 feet. The water is fresh with a field tested conductivity of 2,000 to 3,400 uS/cm. The estimated TDS (total dissolved solids) is 1,500 to 2,500 ppm. Field tested pH is 6.6 to 7.3

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.

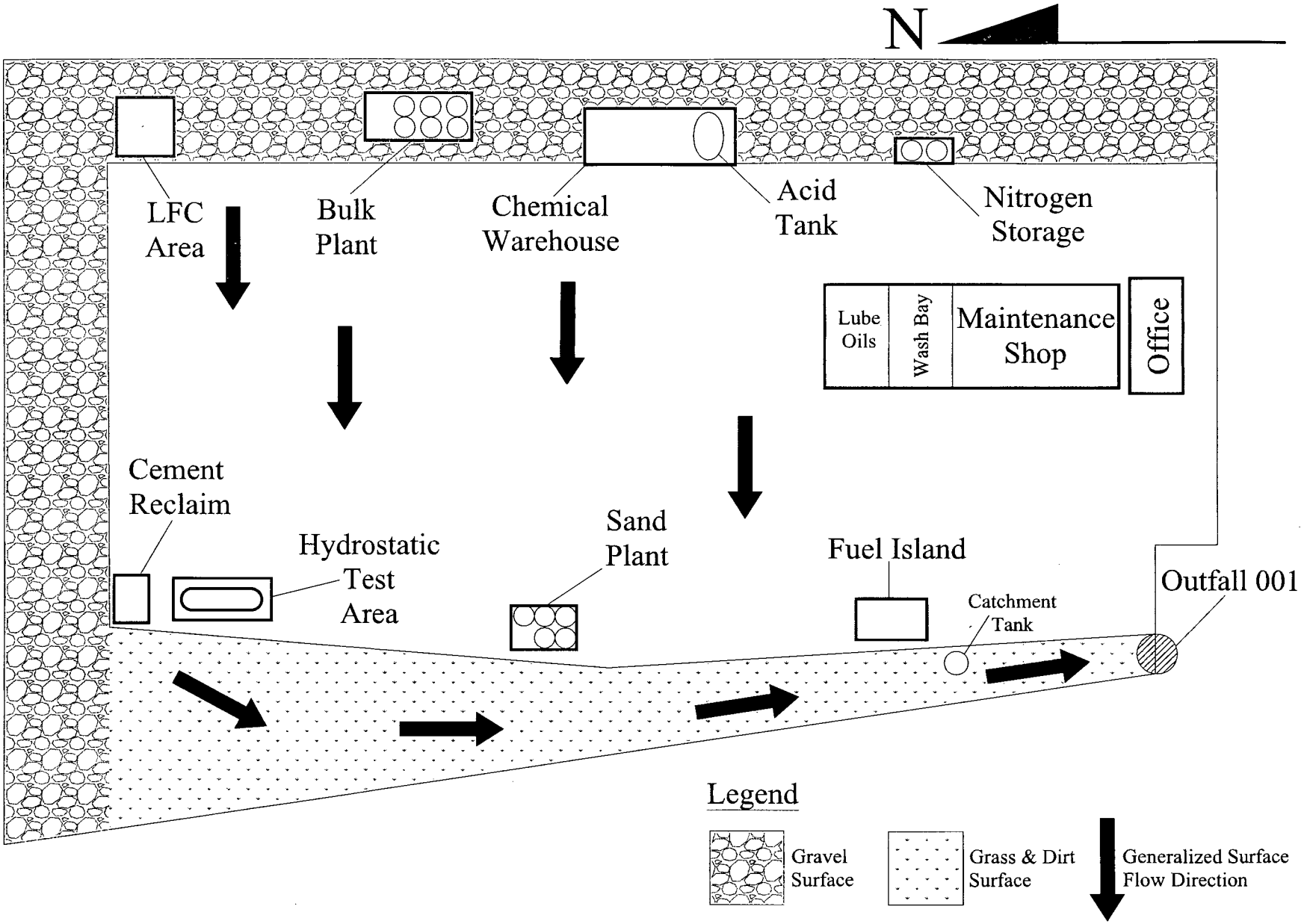
ATTACHMENT 1

SITE PLANS



Source: USGS Quadrangle Map, 7.5 Minute Series, Scale: 1"=2000'

BJ	Figure 1: Site Location Map Last Revised: 12/9/97
	Facility Name: BJ Services Company, U.S.A. Facility Address: 3250 Southside River Rd. Farmington, NM



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

Figure 2: Facility Layout and Drainage Plan

Farmington District **3250 Southside River Road** **Farmington, NM 87401**	**Not To Scale**	**REVISION DATE:** **03/18/08**	**DRAWN BY:** **JSG**

ATTACHMENT 2

BASE/DISTRICT HSE INSPECTION REPORT

US Inspection - 2008
Base/District HSE Inspection Report

Region: Rocky Mountains
District/Base: Farmington
Inspector: _____

Job Title of Inspector(s): _____

Date of Inspection: _____

Product Line : Pumping Services

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

Housekeeping Key
N/A - Note Applicable (Default Value)
0 - Needs Immediate Attention
1 - Poor
2 - Needs some attention
4 - Good - Meets Standards

SUMMARY - AREAS

HSE Management Standards
General Facility Conditions
Environmental

QUESTIONS

HSE Management Standards	
1	Managers and Supervisors demonstrate ability to navigate QHSE Standards and other HSE system databases
2	Managers and Supervisors are knowledgable of the QHSE Standards that apply to their area of responsibility (have read the standards)
3	HSE Plan for facility, region, or country in place per standard (QHSE Standard - Health & Safety 3.8)
4	HSE Supervisors and Trainers are competent (demonstrated by CAP participation, certifications, education, or Training Plan in place)
5	Personnel trained (or met minimum allowable) per standards prior to assignment.
6	Facility APT in place per standard (QHSE Standards - Health & Safety 5.0)
7	HSE Facility Inspections by region/district staff are current for previous quarter
8	Corrective actions from previous inspections (30 days and older) are closed out
9	Journey Management guidelines followed (QHSE Standard - Health & Safety Section 14.0)
10	Quality of accident reports - complete, corrective action taken, and closed out
11	Radiation
12	Contractor Management
13	Behavior Based Safety (BBS)
14	Emergency Preparedness / Response Plan
15	General Security Measures

General Facility Conditions

1	Emergency plans for fire, injury or chemical spill (posted, current)
2	Fire extinguishers - (operable, inspected, proper location, proper type)
3	Personal protective equipment (used as required)
4	PPE available for visitors or vendors
5	Trained first aiders at facility (sufficient number, identified, posted)
6	Safety signs and notices (sufficient number, all hazards, current)
7	Safety bulletin board (current)
8	Entryway/gateway (signed, unobstructed)
9	Parking (sufficient, unobstructed, signed)
10	Road surfaces (safe, maintained)
11	Lighting (sufficient, working, assess both internal and external)
12	Heating and cooling system (radiators free/clear, system checked annually, adequate records)
13	Electrical panels and wiring (labeled, secure, maintained)
14	Landscape (presentable, maintained)
15	Safety signs for LTI free days (up to date, visible)
16	Notice to visitors and vendors (where to go, posted)
17	Speed limit signs (posted, visible, adhered to)
18	Security fence (sufficient, maintained)
19	Fixed stairs, ladders, walkways, handrails, gates and doors (maintained, clear, safe)
20	Material safety data sheets (accessible locally, current) Dispatch?
21	Containers (appropriate, stacked, labeled)
22	Pallets (adequate, maintained, safe)
23	Noise levels (signage, measured)
24	Flammable gas (caged, signed, segregated)
HK	Housekeeping (Rating 0,1,2,4)

Environmental

1	Environmental recordkeeping systems established
2	Permits & registrations available & current when applicable
3	Waste records maintained (Bill of lading, manifests)

4	Waste disposed of by certified or Company approved vendor
5	Environmental plans current (storm water, spill prevention, emergency response)
6	Proper storage of waste materials (segerated and labeled)
7	Spill control material (available, appropriate, utilized)
8	Surface-water/storm-water drains & discharge points free of oil, debris, etc
9	No open containers outside collecting water
10	Yard free of leaks and spills
11	Trash containers closed - Lids viable
12	Containers present to contain leaking drums, fluids or clean up materials
13	All fuel, oil and diesel tanks in good condition
14	All fuel and oil tanks have adequate containment and free of spills

CORRECTIVE ACTION RESPONSIBILITY

Corrective Actions Assigned to: _____

Due Date for Completion: _____

Corrective Action Status: _____

SIGNATURE SECTION

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 _____

District Manager _____

Region Safety/Training Manager _____

Region Manager _____

Facility / Service Supervisor _____

Other Relevant Personnel _____

ATTACHMENT 3

FACILITY EMERGENCY REPSONSE CONTINGENCY PLAN

Employee Emergency Response Plan and Fire Prevention

Farmington Reporting Procedures

Is this a "SERIOUS" accident/injury? (See table below for list of "Serious" accident/injuries)

No → Is it currently "Normal Business Hours"?

No → Call at First Opportunity:
1. Crawford & Co. Insurance
2. Axiom Medical CaseManagment

Yes → Immediately call –
1. Region HSE
2. Corporate HSE
3. Corporate Risk Management
4. U.S.: Crawford & Co.
   Canada: Crawford & Co. Canada for Auto Liability, Workers' Comp. Bureau for Injury
   Others: Local Broker or Local Insurer

Yes → Call at First Opportunity:
1. Region HSE
2. Corporate HSE
3. U.S.: Crawford & Co.

Call during Normal Business Hours:
1. Region HSE
2. Corporate HSE

"SERIOUS" Accidents /Injuries include:

1. Fatality – BJ employee or 3rd party
2. Serious injury resulting in hospitalization – BJ employee or 3rd party, including:
   - Amputation of body parts other than a single finger or toe
   - Serious burn injuries (heat, fire or chemical, etc.)
3. Multiple injuries requiring hospitalization - 2 or more from the same occurrence
4. Service unit rollover
5. Physical damage in excess of $250,000 from any cause
6. Well Damage, Blowouts and/or explosions
7. Any marine vessel incidents, such as damage to the vessel or collisions with other objects
8. Any accident where a BJ driver is charged with a DWI
9. Any incident causing media (radio, Television News Reporters) to become involved
10. Pollution/spill incidents

Emergency or Accident Time Line of Events

911 Time: _____ Date: _____
Location of Accident: _____
On Site Phone Number: _____
Directions: _____
_____
_____

Notify:
Dispatch: 505-327-6222 Time: _____
Jeff Houghton 505-330-0000 Time: _____
Fred Cossum 505-330-0005 Time: _____
Mark Baugh 505-330-3493 Time: _____
Joe Gordon 505-330-0003 Time: _____
Less Baugh 505-330-0002 Time: _____

Call Axiom for medical case management and arrange
DOT Post Accident Drug Testing: Time: _____
Medical Facility: _____
Phone: _____
City: _____ State: _____

Call Cura for environmental spill and clean up:
Time: _____
Location: _____
Material: _____ Qty: _____
_____ Qty: _____
_____ Qty: _____

Third Party or Contractor Information: _____
_____
_____
Phone: _____ Time: _____
Name: _____
Crawford: _____ Time: _____
Region HSE: Daniel McEntee Time: _____
Corp. HSE: Don Kaminski Time: _____
Risk Management: Randall Collins Time: _____

Telephone Numbers:

Corporate HSE
Business Hours
281-357-2686
After Hours
281-351-8131
Risk Management
Business Hours
713-895-6019 or
713-895-5810
Paul Remson
Home
713-935-9589
Cellular
713-805-0288
Randall Collins
713-895-5663
713-862-2405
713-703-1591
Crawford & Co.
800-345-7785
CURA
800-579-2872
OSHA
800-321-6742
Axiom Medical
281-419-7063 Ex.1
Region HSE
303-832-3722
303-549-5038

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 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 See Pages 1 and 2 of this manual for important phone numbers.

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 Steve Hinnant – Safety Supervisor.

2.2.2 Duane McCoy – 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 Duane McCoy – Maintenance Supervisor.

2.3.2 Les Baugh – Facilities 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, and Local Laws.

2.5 Training.

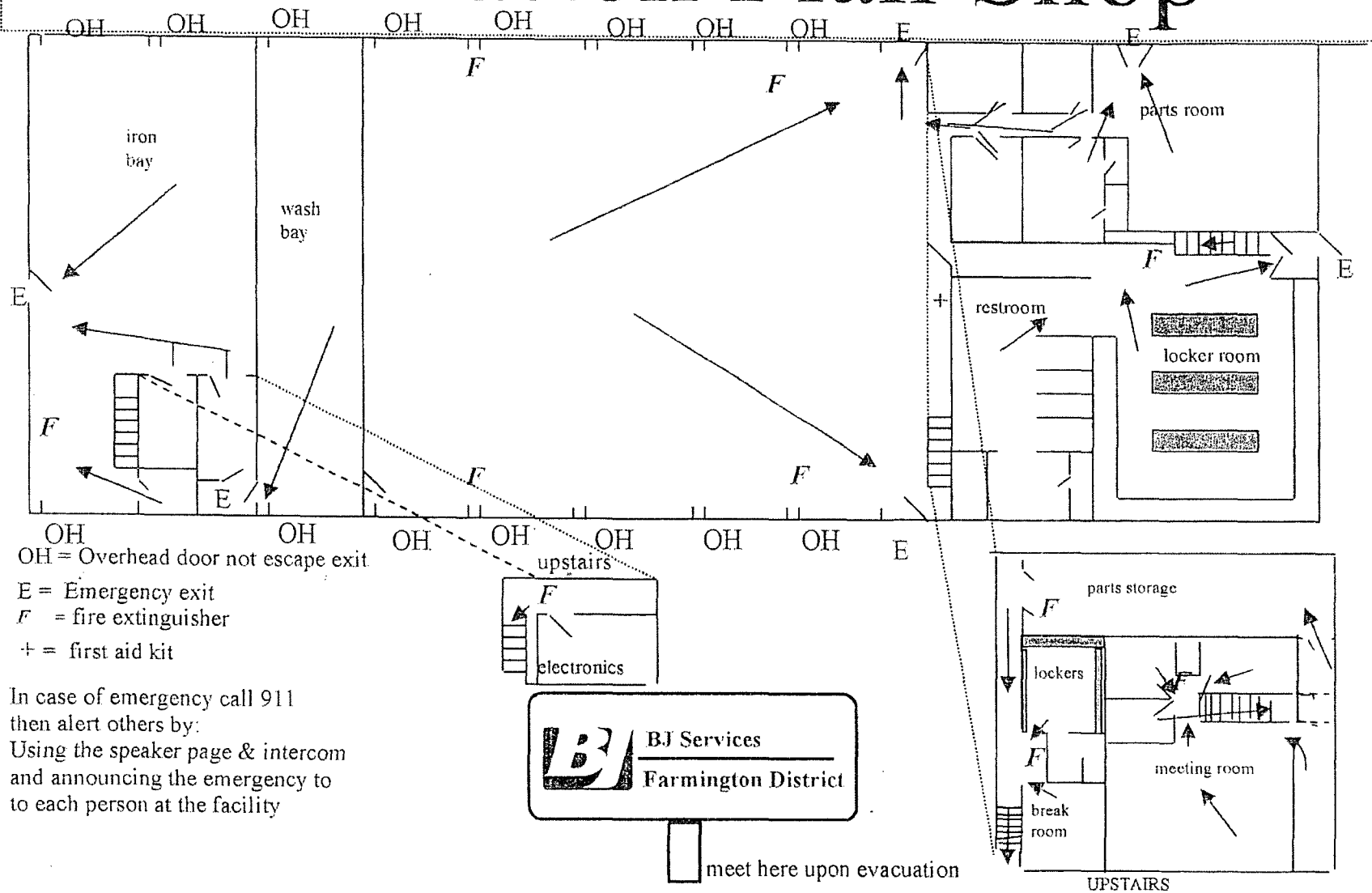
2.5.1 Each employee will be apprised of the fire hazards of the materials and processes to which the employee is exposed.

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.

Appendix A

Evacuation Routes
&
Emergency Shut-offs

Evacuation Plan Shop



OH = Overhead door not escape exit

E = Emergency exit

F = fire extinguisher

\+ = first aid kit

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

BJ SERVICES

FARMINGTON DISTRICT

EMERGENCY SHUT-OFFS

1. In case of a fire, both main breakers (one at the maintenance building and another at the LFC Plant as shown on map in this appendix) will be shut-off so there will be no additional hazards when fighting the fire.

2. In case of a fire, the master natural gas valve at the maintenance shop(see map this appendix) will be shut off.

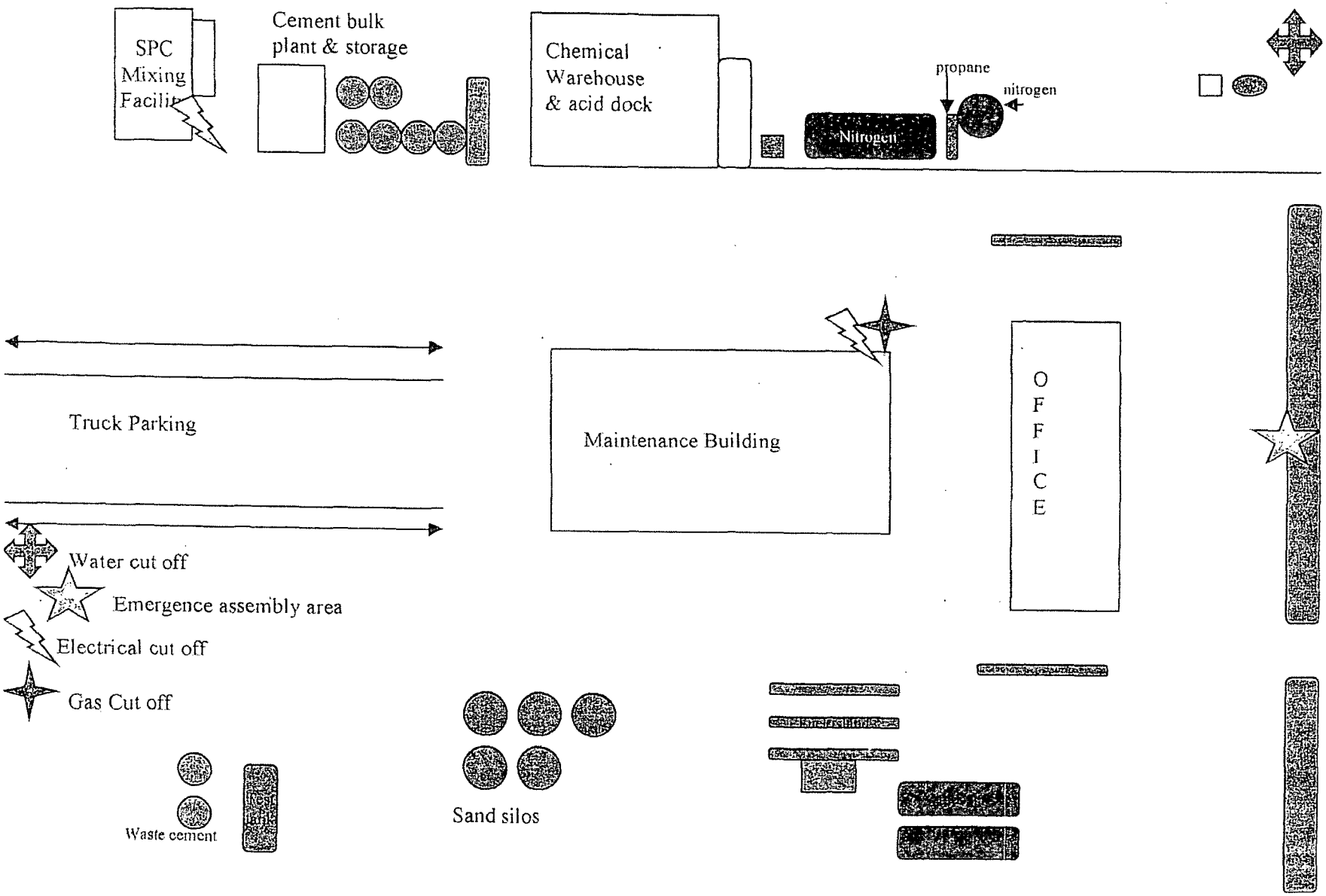
3. In case of a major fire, both electrical and natural gas systems will be turned off in order to reduce the risk of a more serious accident.

4. In an emergency, the main electrical switch at both areas, and the main gas valve, will not be put back into service until all areas have been inspected and an all clear signal has been given.

5. 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 a secondary point for gas shut-off. The breaker for the Cement Bulk Plant and the LFC Plant is at the southeast corner of the LFC Plant. Shutting down all four of these systems will shut down all power and gas to the entire yard.

6. The main water shut-off is located at the southeast corner of the facilities in a concrete lined pit with a metal cover. The water should be should off only in the event of a water release that can not be controlled by any other method, or at the direction of Emergency Personnel.

Farmington Facility Emergency Cut-Offs



Potential Fire Hazards & Handling And Storage

Potential Fire Hazards
Handling and Storage

Potential Fire Hazard	Handling Procedures	Storage Procedures
Paint and Thinners in shop and Iron Bay	Paints And thinners to be used in well ventilated areas and away from ignition sources	Keep paints and thinners in Flammable Materials Lockers.
Starting Fluid (Ether)	Starting Fluid is to be used in well ventilated areas away from ignition sources	Keep starting fluid in Flammable Materials Locker
Fumes From Charging Batteries in Shop	Charge batteries only in designated areas away from ignition sources	All batteries to be stored and charged in designated areas
Testing Crude Oil in Lab	Test oils under the exhaust hood with adequate ventilation	Crude oils are to be stored in closed containers and disposed of immediately after testing is complete
Various Flammable Chemicals in Warehouse Areas	Work with Flammable Chemcals only in designated, ventilated areas	Store Flammable Chemicals in a closed container away from ignition sources
Diesel Fuel at Fuel Island	No Smoking or open flames at Fuel Island. Immediately clean all spills.	Only DOT Approved containers will be used for Diesel Fuel
Propane Tank at Nitrogen Island	No Smoking or open flames at Nitrogen Island. Authorized Personnel only.	Only DOT Approved containers will be used for Propane.
Diesel Fuel at LFC Plant	No Smoking or open flames at LFC Plant. Authorized Personnel only.	Stole in Diesel Tank.

Appendix C

Potential Ignition Sources And Control Procedures

Potential Igniton Sources	Control Procedures
Pilot Lights on water heaters and furnaces	No Flammable Materials to be stored in closets containing water heaters or furnaces. Do not work with Flammable Materials around water heaters or furnaces.
Heaters in shop and warehouse	No Flammable Materials to be left open in shop. Flammables to used in well ventilated areas.
Welding Equipment in shop	Welding in Designated Areas only with adequate ventilation. Do not use or store Flammables near welding bays.

Type of Fire Protection Equipment

Area Protected	Type of Fire Protection Equipment	Number of Units
Lab	20 LB ABC Fire Extinguisher 5 LB ABC Fire Extinguisher	1 1
Front Office	5 LB ABC Fire Extinguisher	4
Locker Room	20 LB ABC Fire Extinguisher	1
Training Room	20 LB ABC Fire Extinguisher	1
Maintenance Shop	20 LB ABC Fire Extinguisher	4
Mechanics Break Room	10 LB AEC Fire Extinguisher	2
Iron Bay/Electronics	20 LB ABC Fire Extinguisher	2
Chemical Warehouse	20 LB ABC Fire Extinguisher	3
Cement Bulk Plant	20 LB ABC Fire Extinguisher	2
LFC Plant	20 LB ABC Fire Extinguisher	4
Fuel Island	20 LB ABC Fire Extinguisher	2

BJ SERVICES

FARMINGTON DISTRICT

EVACUATION PROCEDURE

In the event that an 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 pages. As you are evacuating an area *and if 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, welders, grinders, saws, parts washers, sprayers, compressors and anything else that might be, or become, a hazard if left unattended.

Fuel Island:

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

LFC Plant, Bulk Plant, Chemical Warehouse, Acid Dock and Nitrogen Dock:

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

Front Offices, Lab, Training Room, and Locker Room:

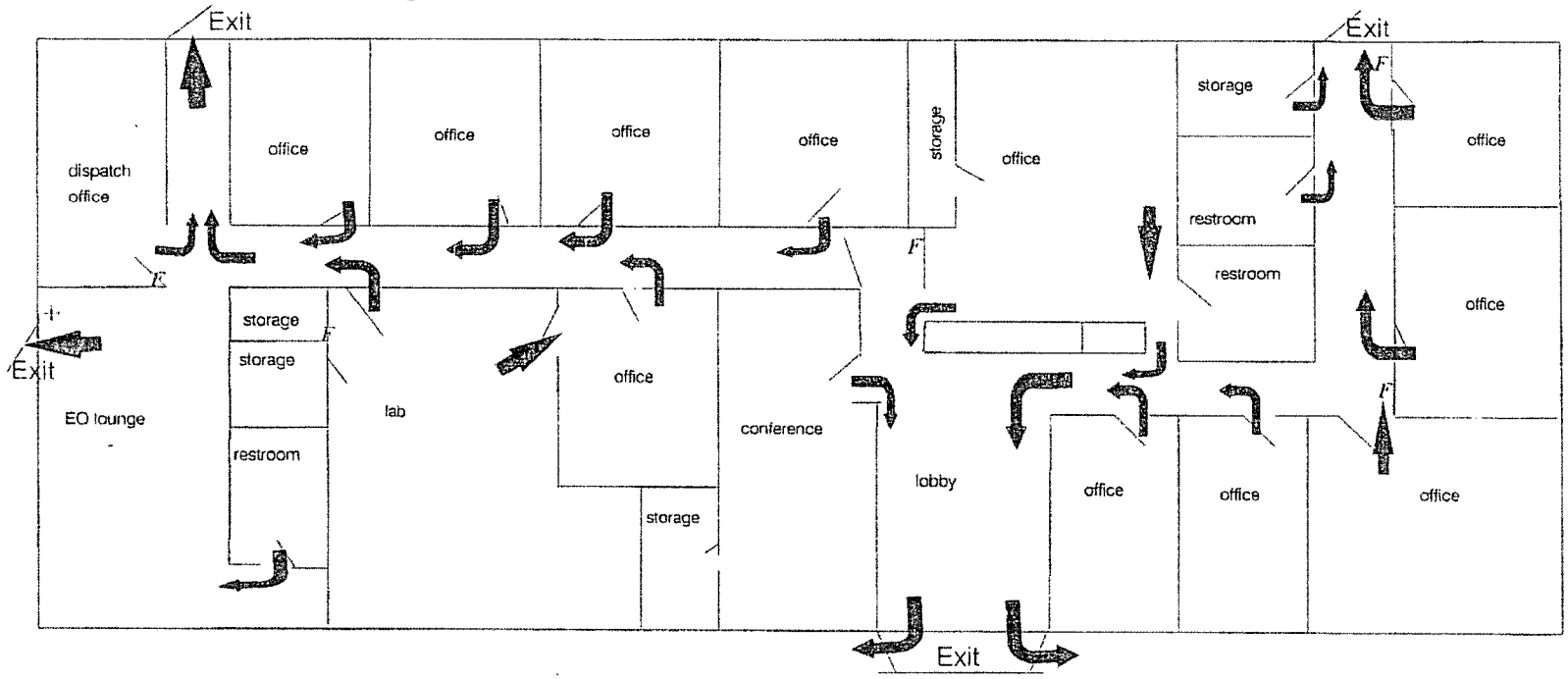
Turn off anything that might be, or become, a hazard if left unattended.

ALL AREAS

EVACUATE USING THE SAFEST AND MOST DIRECT ROUTE POSSIBLE!

See evacuation routes for work areas in this appendix.

Escape Routes Main Office



F = fire extinguisher

+ = first aid kit

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

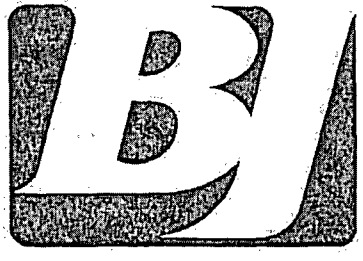
BJ Services
Farmington District

upon evacuation meet here

SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN

(Includes Contingency Plan)

Farmington, New Mexico



BJ SERVICES COMPANY, U.S.A.

December 2004

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.

Facility	Safety & Environmental Department
Francis F. Cossecm	Jo Ann Cobb
Signature	Signature
Francis F. Cossecm	Jo Ann Cobb
Name	Name
Safety and Training Supervisor	Mgr. Env. Services
Title	Title
2-15-05	2-9-05
Date	Date

Engineer's Certification

I hereby certify that I am familiar with SPCC requirements (40 CER 112) and have examined the SPCC Plan for BJ Services Company, U.S.A., Farmington facility and either I or my agent have visited and examined the facility. I also certify that it has been prepared in accordance with good engineering practices and effectively satisfies the requirements of 40 CFR 112.3 (d) as amended.

R. M. COSGROVE	R. M. COSGROVE
Signature, Registered Professional Engineer	Name
63133 NM	2-14-05
Registration Number and State	Date

Table of Contents

SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN

(Includes Contingency Plan)

BJ Services Company, USA

3250 Southside River Road
Farmington, NM

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 annually 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. Certification is required by a registered professional engineer (40 CFR 112.5 [c]) for all facility modifications involving physical installation of control technology (secondary containment) or additional storage capacity. All changes to the SPCC plan must be documented in Appendix A.

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 (40 CFR 112.5 (a):

1. Discharged more than 1,000 gallons into navigable waters in a single spill event, or
2. Discharged petroleum products in harmful quantities into navigable waters of the United States or adjoining shorelines, or waters of the contiguous zone, or in connection with activities under the Outer Continental Shelf Lands Act or deepwater Port Act, or affecting certain natural resources in two reportable spill events (>42 gallons) within any 12-month period;

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, NM facility.

2.0 FACILITY OPERATIONS

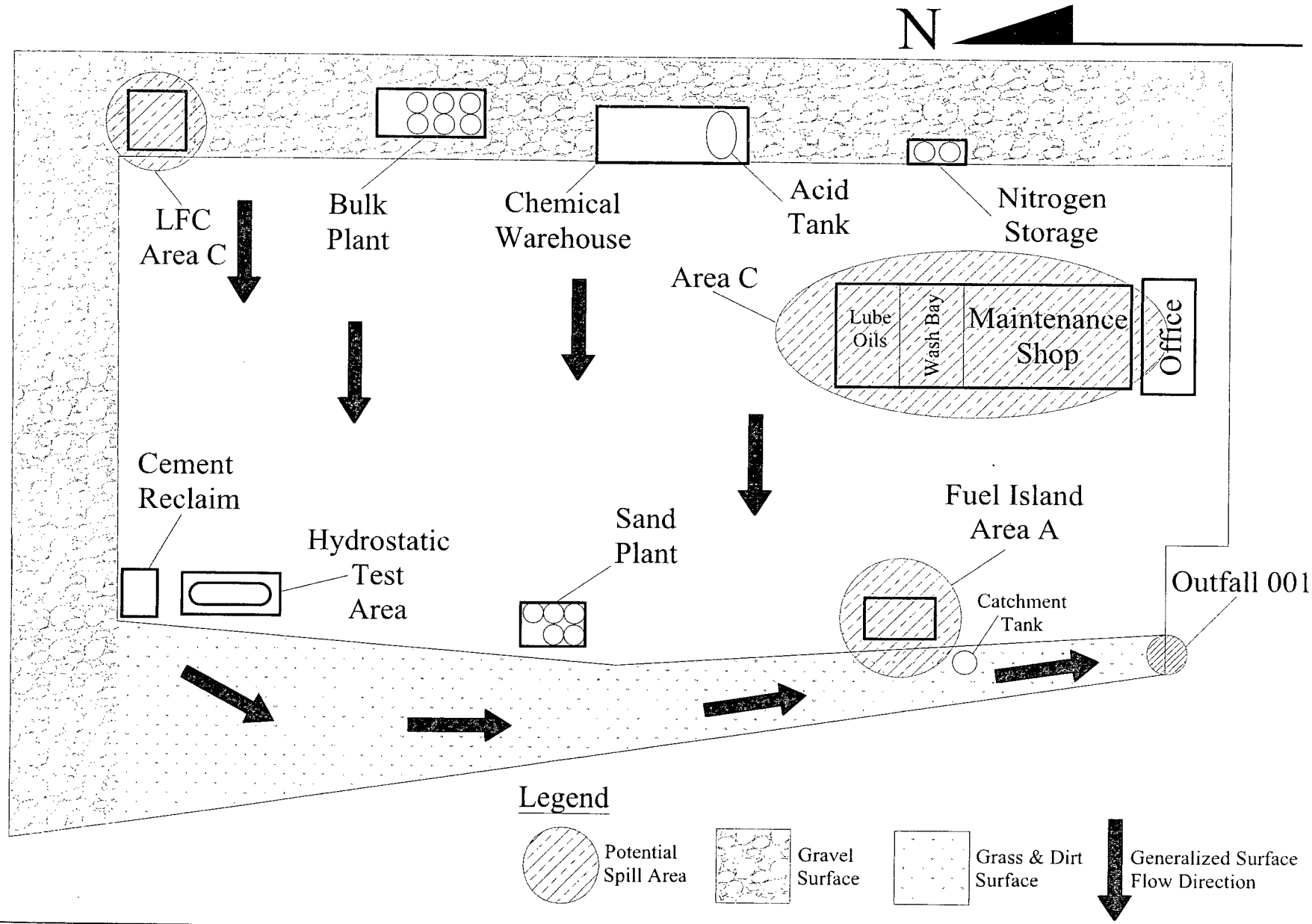
2.1 Description of Facility Operations

Farmington facility 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, cement storage and dispensing, chemical storage and dispensing and service, fuel storage and dispensing, nitrogen storage and dispensing, sand storage and dispensing, LFC storage and dispensing, pump testing, and bulk oil storage.

The facility consists of an office building, shop building, warehouse, general maintenance building, aboveground storage tanks, 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 and Gas Services, SIC 1389, NAICS 213112
C.	**Date of Initial Operation:**	April 24, 1980
D.	**Facility Location:**	3250 Southside River Road Farmington, NM
E.	**Owner Name/Address:**	BJ Services Company, USA 5500 Northwest Central Drive Houston, TX 77092
F.	**Operator Name/Address:**	BJ Services Company, USA 3250 Southside River Road Farmington, NM
G.	**EPA ID Number:**	NMD000804419
H.	**Name and Title of Spill Prevention Coordinator (SPC):**	Les Baugh Facility Supervisor



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

Figure 1: Facility Layout and Drainage Plan

Farmington District **3250 Southside River Road** **Farmington, NM 87401**	**Not To Scale**	**REVISION DATE:** **03/18/08**	**DRAWN BY:** **JSG**

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. Any release that matches the description under Section 1.2 of this plan must be documented in Lotus Notes and noted in Appendix B. All other spills will be documented and retained in Lotus Notes.

Potential Spill Areas

Location	Container	Contents	Failure Type	Stored Amount	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
B	2 – 6,000 gal AST	Slurry Polymer Gel (LFC)	Rupture – Leak	12,000	*Steel
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	55 gal each	Asphalt Berm
* On Concrete Foundations		UST–Underground Storage Tank		AST–Above Ground Storage Tank	

2.4 Facility Drainage

The Farmington District is characterized by sheet flow from East to West. All Storm water drains into a unnamed ditch on west side of property and discharges at southwest corner (outfall 001 – figure 1). Water then flows west along southside river road approximately 150 yards and empties into the city drain. Once in the city drain it discharges into the San Juan River.

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. 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 2 - 6,000 gallon ASTs on concrete foundation

within steel secondary 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 several 55 gal oil 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** – A mixture of diesel and guar is delivered to the storage tanks on a monthly basis. The mixed slurried polymer gel is pumped into mobile field equipment as required. The system is operated intermittently as usage demands.

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.

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 Area A, B, C, and D. Personnel are prepared to use them properly during a spill event.

In the event that BJ Services cannot safely recover or contain the spill, CURA National Emergency Response will be contacted for further assistance.

CURA National Emergency Response 1-800-579-2872

3.2 Removal of Spills

Area 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 in accordance with applicable state and federal rules.

3.3 Personnel Training

The facility is responsible for training its personnel in the operation and maintenance of equipment described in section 2.3 to prevent the discharge of oil products as required by 40 CFR 112.7 (f). The Spill Prevention Coordinator or the district trainer will maintain training records in Pathlore. The training will be conducted as follows:

Training will be scheduled for the following:

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

Training Program content:

At a minimum, train your oil-handling personnel in the operation and maintenance of equipment described in section 2.3 of this plan, spill procedures (discovery and notification), applicable pollution control laws, general facility operations. All personnel should have a general knowledge of the plan and its contents.

Response to a Spill:

An employee who identifies a spill will take action to control the spill and then will notify his/her immediate supervisor who 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. Bulk petroleum storage tank installations will be constructed so that a secondary means of containment is provided for the entire contents of the largest single tank plus precipitation. Drain valves for discharge of secondary containment are kept secured and closed when in non-operating or standby status.

3.5 Transfer Operation Procedures

All personnel of the *Farmington facility* 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 or set wheel chocks to prevent vehicles from departing before complete disconnection of transfer lines.
- 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 dispatcher, and a chain link security fence controls 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 quarterly basis. These facility reviews are conducted annually by the Corporate HSE Department and the Regional Safety and Training Manager as well as quarterly 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

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.

Integrity Testing 40 CFR 112.8 (c) (6):

The Farmington facility has deviated from the required integrity testing, in accordance with 40 CFR 112.7 (a) (2), by conducting quarterly visual inspections to provide equivalent environmental protection.

4.0 CONTINGENCY PLAN

4.1 Emergency Response Action List

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

Spill Prevention Coordinator
Les Baugh
4509 Celtic Avenue
Farmington, NM
(w) 505-327-6222
(h) 505-327-5844

Fire Department.....911

Ambulance.....911

Physician.....505-327-3422

Hospital.....505-327-3422

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.....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 must report all spills, with the exception of minor spills or drips. When observing a spill, personnel on the scene will immediately notify his supervisor who will notify the Spill Prevention Coordinator (SPC) and take immediate action to control the spill. The SPC will call CURA Emergency Services for assistance if needed.

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. Any spills entering the drainage ditches that are located on the sides of the facility in harmful quantities (sheen) 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 as required by the BJ Services US Environmental Standards and Procedures Manual.

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

- If it is determined by the Spill Prevention Coordinator that the spill has entered off-site ditches, the Coordinator must:

  Notify BJ Services Company, USA Corporate HSE Department:

  Jo Ann Cobb **281-351-8131**
  11211 FM 2920
  Tomball, Texas 77375

- BJ Services Company, USA Corporate HSE Department will insure that regulatory agencies are notified and that reports are submitted.

  1. Call the Federal and State Regulatory Agency or Authority.

  National Response Center **1-800-424-8802**

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

New Mexico Environmental Department 505-827-9329
1190 St Francis Drive, Harold Runnels Bldg.
Santa Fe, NM 87502-6110

Appendix A
Annual SPCC Plan Review

Annual SPCC Plan Review

In accordance with 40 CFR 112.5(b) and BJ Services policy, a review and evaluation of this SPCC Plan is conducted at least once every year. As a result of this review and evaluation, BJ Services Company, USA will amend the SPCC Plan within six months of the review. Major Amendments, as defined in Section %^& of this plan, must be reviewed and certified by a Professional Engineer and BJ Services Environmental Department.

Certification Statement: By signing this document I attest that I have completed a review and evaluation of the SPCC plan for BJ Services on the date below and will amend the plan as a result.

Year	Date	Major Amendment Required? (If yes call Env. Dept.)	Minor Amendment Required? (Indicate what was done)	Print Name and Title of Reviewer	District Manager[1] Signature
Example 2005	09/02/05	Yes, Moved oil tank from current location	Yes, Changed phone numbers	John Doe / Facility Supervisor	Signature
2005					
2006					
2007					
2008					
2009					
2010					
2011					
2012					
2013					
2014					

Appendix B
Spill Reports

Spill Table

Date/Time of Spill (From Reverse Side)	BJ Accident No.	Amount of Spill (gallons/lbs.)	Description and Location of Spill	Describe any corrective actions taken
☐ am☐ pm				
☐ am☐ pm				
☐ am☐ pm				
☐ am☐ pm				
☐ am☐ pm				
☐ am☐ pm				
☐ am☐ pm				
☐ am☐ pm				
☐ am☐ pm				
☐ am☐ pm				

Appendix C
Visual Inspection Form

US Inspection - 2005
Base/District HSE Inspection Report

Region: Rocky Mountains
District/Base: Farmington
Inspector: _____

Job Title of Inspector(s): _____

Date of Inspection: _____

Product Line : Pumping Services

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

Housekeeping Key
N/A - Note Applicable (Default Value)
0 - Needs Immediate Attention
1 - Poor
2 - Needs some attention
4 - Good - Meets Standards

SUMMARY - AREAS

General Facility Conditions
Shop(s)
Locker Room(s) - Washroom(s) - Break Area(s)
Wash Bay
Laboratory
Mixing Tanks/LFC Mixing Area
Forklift
Cement Warehouse & Bulk Plant
Chemical Warehouse
Nitrogen Storage
Acid Storage
Head Rack / Iron Rebuild
Fuel Island
Sand Storage Area
Water Tanks - Test Tanks - Water Supply
Radiation Storage Area

QUESTIONS

General Facility Conditions

1	Current mandatory safety legislation posters
2	Local legislative accident log (e.g. OSHA 300 or equivalent)
3	Emergency evacuation assembly point (posted, visible, unobstructed)
4	Emergency plans for fire, injury or chemical spill (posted, current)
5	Emergency phone numbers posted (fire, ambulance, police, doctor, chemical spills, injuries)
6	Fire alarm call point (in working order/visible)
7	Fire extinguishers - (operable, inspected, proper location, proper type)
8	Personal protective equipment (used as required)
9	PPE available for visitors or vendors
10	First aid kit (adequate number of, adequately stocked, highly visible)
11	Trained first aiders at facility (sufficient number, identified, posted)

12	Safety signs and notices (sufficient number, all hazards, current)
13	Safety bulletin board (current)
14	Entryway/gateway (signed, unobstructed)
15	Parking (sufficient, unobstructed, signed)
16	Road surfaces (safe, maintained)
17	Lighting (sufficient, working, assess both internal and external)
18	Heating and cooling system (radiators free/clear, system checked annually, adequate records)
19	Electrical panels and wiring (labeled, secure, maintained)
20	Landscape (presentable, maintained)
21	BJ Services company signs (visible, maintained)
22	Prohibited articles/substances sign (visible, maintained)
23	Safety signs for LTI free days (up to date, visible)
24	Notice to visitors and vendors (where to go, posted)
25	Speed limit signs (posted, visible, adhered to)
26	Security fence (sufficient, maintained)
27	Fixed stairs, ladders, walkways, handrails, gates and doors (maintained, clear, safe)
28	Emergency exits/routes (signed, unobstructed, site plan of)
29	Hazardous chemicals inventory (held locally, current)
30	Material safety data sheets (accessible locally, current) Dispatch?
31	Spill control material (available, appropriate, utilized)
32	Knowledge of environmental and safety (HSE) manuals
33	Knowledge of emergency response plans (fire, injury, spillage)
34	Surface-water/storm-water drains & discharge points free of oil, debris, etc
35	Site isolation valves marked/signed, access to, maintained (electricity, gas, water, drains)
36	Drains (surface/foul) emergency cut-off valves - where installed (work properly)
37	No open containers outside collecting water
38	Gravel, rock or dirt areas free of spills or stains
39	Pavement free of leaks and spills
40	Proper storage of waste materials (segregated & labeled)
41	Knowledge of spill reporting procedures
42	Trash containers closed - Lids viable
43	Containers (appropriate, stacked, labeled)

44	Safe storage of waste (correctly segregated, labeled)
45	Pallets (adequate, maintained, safe)
46	Noise levels (signage, measured)
47	Flammable gas (caged, signed, segregated)
48	Road traffic signage (speed limits posted, warning signage for pedestrians)
49	Segregation of pedestrians/vehicles (walkways marked, railings)
HK	Housekeeping (Rating 0,1,2,4)

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

24	Aerosols free of chlorinated hydrocarbons
HK	Housekeeping (Rating 0,1,2,4)

Locker Room(s) - Washroom(s) - Break Area(s)

1	Ventilation (adequate)
2	Showers and sinks (adequate, clean, maintained)
3	Toilets (adequate, clean, maintained)
4	Lockers (sufficient size/number, accessible, lockable)
5	Drinking water (available)
6	Sufficient personal storage and changing space (clean, maintained, adequate)
7	Any required regulations/posters
HK	Housekeeping (Rating 0,1,2,4)

Wash Bay

1	Pressure Washer in separate room
2	Sumps clean & routinely maintained
3	Wash water contained on wash bay
4	Wash water properly managed
5	Sump sludge being handled properly
6	Wash wands in good condition
HK	Housekeeping (Rating 0,1,2,4)

Laboratory

1	Chemical containers (labeled, secure)
2	Only required chemicals on hand (labeled, secure)
3	Local extraction ventilation (installed, operable, maintained, records)
4	Gas bottle storage (secured, external where possible, regulators checked, labeled)
5	Safety shower and eyewash (maintained, tested)
6	Material safety data sheets (accessible locally, current)

7	Waste chemicals (correct storage, correct and regular disposal)
8	Samples stored and labeled properly
HK	Housekeeping (Rating 0,1,2,4)

Mixing Tanks/LFC Mixing Area

1	Condition of tanks
2	Products protected from weather
3	Hoses, pumps, piping in good condition
4	Diesel tank containment adequate and free of spills
5	Cranes & hoists adequate, inspected, labeled
HK	Housekeeping (Rating 0,1,2,4)

Forklift

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

Cement Warehouse & Bulk Plant

1	Material safety data sheets (accessible locally, current)
2	Gates, walkways, railings and ladders (maintained, clear, safe)
3	Climbing safety devices, harness (inspected, records, sufficient, available, utilized)

4	Dust collector (working properly, maintained, inspected)
5	Silo pressure relief valves (periodic inspection/ test /calibration, records)
6	Air compressors (belts guarded, auto start signage, PRV's checked annually/tagged)
7	Partial bags properly stored
HK	Housekeeping (Rating 0,1,2,4)

Chemical Warehouse

1	All chemicals (identified, labeled)
2	Dry chemicals stored properly
3	Safety shower and eyewash (maintained, tested)
4	Hoses, piping and valves (clear, operable, stowed appropriately)
5	Tanks vented to outside
6	Proper Handling of empty containers
7	Used spill material container (available, empty, clean, isolated)
8	Floors (flat, clean, impermeable)
9	Sump (empty, clean, isolated)
10	Racking (capacity signed, inspections)
11	Material safety data sheets (accessible locally, current)
12	Waste/surplus chemicals (routinely identified, correct storage, correct and regular disposal)
13	Proper stacking (drums and bag pallets no more than three [3] high)
14	Empty containers being removed frequently & properly
15	Empty containers segregated from full containers
16	Empty containers completely empty
17	Containers present to contain leaking drums, fluids or clean up materials
HK	Housekeeping (Rating 0,1,2,4)

Nitrogen Storage

1	Warning signs (asphyxiation, cold burns)
2	Relief valve (checked annually/tagged)
3	Pumps and packing (operable, maintained)
4	Condition of equipment (hoses, stowed appropriately, gauges clean, operable)

HK	Housekeeping (Rating 0,1,2,4)

Acid Storage

1	Gates, walkways, railings and ladders (maintained, clear, safe)
2	Pump, fittings, valves, piping and hoses (condition, maintained)
3	Tank contents identified and measured (type, capacity, labeled)
4	Scrubber (maintained, inspected)
5	Acid loading area clean and free of spills
6	Acid tank containment viable (walls and bottom)
7	UN specification buckets being used for hazardous material
8	Safety shower and eyewash (maintained, tested)
9	Spill kit (shovel, neutralizer)
10	Bulk tanks in good condition
11	Chemical additive system (present, working, maintained)
12	Reclaim tank installed & working properly if required
13	Acid and additive tanks labeled
HK	Housekeeping (Rating 0,1,2,4)

Head Rack / Iron Rebuild

1	Heads, manifolds, swages stored safely
2	Thread protectors
3	Baker vise or better
4	Hoist Adequate
5	Lifting chains safe
6	Adequate pipe wrenches
7	Pinpullers to standard
HK	Housekeeping (Rating 0,1,2,4)

Fuel Island

1	Pumps (barriered off)

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

Sand Storage Area

1	Electrical safe and clearly marked
2	Railing, walkways, ladders and stairs safe
3	Climbing safety devices
4	All drives guarded
5	Lighting
6	Dust collector (present, maintained)
7	Delivery chutes (present, maintained)
HK	Housekeeping (Rating 0,1,2,4)

Water Tanks - Test Tanks - Water Supply

1	Condition of tanks, hoses, valves and connections
2	Test tank area free of spill & discharges

Radiation Storage Area

1	Current copy of RA licenses on display
2	Copy of RA "Notice to Employees" on display

3	BJ Services Radiation Protection Manual available
4	Country/State NRC regulations available
5	Storage area locked
6	Are sources properly labeled ?
7	Utilization log available and current
8	Bill of Lading being used
HK	Housekeeping (Rating 0,1,2,4)

CORRECTIVE ACTION RESPONSIBILITY

Corrective Actions Assigned to: _____

Due Date for Completion: _____

Corrective Action Status: _____

SIGNATURE SECTION

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 _____

District Manager _____

Region Safety/Training Manager _____

Region Manager _____

Service Supervisor _____

Other Relevant Personnel _____

ATTACHMENT 4

BORING LOG

ON SITE TECHNOLOGIES, LTD.
P.O. BOX 2606, FARMINGTON, NM 87499
(505) 325-5667

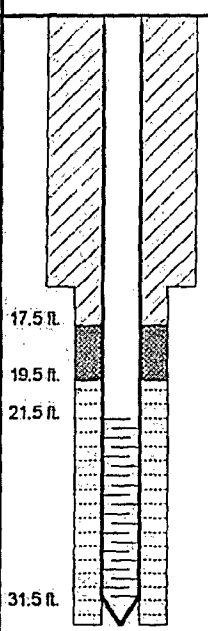
TEST HOLE LOG & MONITOR WELL DETAIL
MONITOR WELL: MW-5

Project: BJ Services Co. - Hydrogeologic Investigation
Project No: 4-1276

Project Location: 3250 Southside River Rd., Farmington, NM		Logged By: Myke Lane	Approved: M K Lane
Drilling Contractor: Envirodrill		Date Started: 6/25/96	Date Completed: 6/25/96
Drilling Equipment: CME-75	Driller: R. Holton	TD Boring (ft): 32.33	Static Water Depth (ft): 27.5
Drilling Method: HSA/ODEX	Borehole Dia. (in): 7.5 / 5.0	TOC Elevation: 99.87	Ground Elevation:
Sampling Method: Split-spoon		Well Casing (Diameter & Type): 2 in. - Sch 40 PVC	
COMMENTS: Static water level noted during drilling and prior to completion of the monitor well. Well construction depths estimated to nearest 0.5 ft.		Slot Size (in): 0.010	Filter Material: Silica Sand 10/20
		Development Method: Bailer	

Depth (feet)	Depth to Water During Drilling (ft)	USCS	Lithology	Field Description & Remarks	Sampled Interval	Field PID Reading	Lab TPH: EPA 418.1 (ppm)
SURFACE				ASPHALT over BASE COARSE.			
		SM/SP		Lt. brown medium to fine SILTY SAND, sl. moist, firm to dense.			
		SM/SP		SAME AS ABOVE (SAA): med. gray-brown, minor gravel, faint petroleum odor.		58.1	59
10'		SM/SP		SAA, lt. brown, sl. fining downward, no odor.		ND	39
		SC/CL		Lt. brown SANDY CLAY to CLAYEY fine SAND, moist, sl. plastic, soft to sl. stiff.		ND	<25
		GM		GRAVEL (cobbles): 16.5 ft.			
20'				No Recovery			
	▽			Static Water Level: 27.5 ft.			
30'				TOTAL DEPTH: 32'-04"			
40'							
50'							

Monitor Well Construction & Remarks



Well completed with 8 in. bolt-down flush valve cover and locking plug.

Change over to ODEX drilling.

17.5 ft. Top of Bentonite Seal

19.5 ft. Top of Filter Pack

21.5 ft. Top of Screened Interval

31.5 ft. Bottom of Screened Interval.

Total Depth Boring: 32.33 ft.

BY: MKL
DATE: 07/16/96
FILE: 41276B1.CAD

Preview/Print Permit

Administrative Applications/Orders

Basic Application and Log-In Data

Mod Date 08/14/1997

Application No.	Application Type	Order No.	Amd #	R-Order No.	Processing Dates		County	San Juan	Approvals	
pENV000GW00108	Discharge Plan Permit	97	0		Order	08/18/1992	Reviewer	Price	BLM?	☐
Applicant	BJ SERVICES			Rcvd	07/13/1992	Exp	08/18/2007	District	Aztec	
Contact				Pub Nt		Cancl		IssuingOff	Santa Fe	SLO? ☐
Notes	stage 1- 03/07/08 wp			Addl CC	telephone notice-will submit app+ $100 by March 14, 2008					

Permit Level Actions and/or Data

Environmental Permit Status: A DS Approval:

cility Nar	BJ FMT (WESTERN)	Bond No.		Cert Mail No:		Dt Eff	
UL-S-T-R	13-29 N 13 W	County	San Juan	Operator		Dt Exp	
Directions				Guarantor		Dt Rel	
		Amount		TypInst		Status		GuarBndNo	

Well Specific and Technical Data

Generate Administrative Application / Order Summary Reports from [REPORTS] / [PERMITS]

RECEIVED
MAR 0 3 2003
OIL CONSERVATION
DIVISION

ATTACHMENT TO THE DISCHARGE PERMIT GW-97 APPROVAL
BJ Services Company, U.S.A., Farmington Service Facility
DISCHARGE PERMIT APPROVAL CONDITIONS
January 07, 2003

1. Payment of Discharge Permit Fees: The $100.00 filing fee has been received by the OCD. There is a required flat fee of $1700.00 for Oil Field Service Companies. The flat fee required for this facility may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the discharge permit, with the first payment due upon receipt of this approval. The filing fee is payable at the time of application and is due upon receipt of this approval.

2. Commitments: BJ Services Company, U.S.A. will abide by all commitments submitted in the discharge permit renewal application dated April 25, 2002, including attachments and these conditions for approval.

3. Drum Storage: All drums containing materials other than fresh water must be stored on an impermeable pad with curbing. All empty drums should be stored on their sides with the bungs in place and lined up on a horizontal permite. Chemicals in other containers such as sacks or buckets must also be stored on an impermeable pad with curbing.

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 facilities or modifications to existing facilities must place the tank on an impermeable type pad within the berm.

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 other containers should be clearly labeled to identify their contents and other emergency information necessary if the tank were to rupture, spill, or ignite.

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 below grade tanks, sumps and pits must be tested annually, except systems that have secondary containment with leak detection. These systems with leak detection shall have a monthly inspection of the leak detection to determine if the primary containment is leaking. Results of tests and inspections shall be

maintained at the facility covered by this discharge plan and available for NMOCD inspection. Any system found to be leaking shall be reported pursuant to Item # 12. Permit holders may propose various methods for testing such as 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 approved by the OCD prior to installation and must be tested to demonstrate their mechanical integrity every five (5) years. Results of such tests shall be maintained at the facility covered by this discharge plan and available for NMOCD inspection. Permit holders 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: No Class V wells that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes will be approved for construction and/or operation unless it can be demonstrated that groundwater will not be impacted in the reasonably foreseeable future. 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. 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, and leak detection will be inspected daily to ensure proper operation and to prevent over topping or system failure. All spill collection and/or secondary containment devices will be emptied of fluids within 48 hours of discovery. 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 District Office.

13. Waste Disposal: All wastes will 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 determination per 40 CFR Part 261. Any waste stream that is not listed in the discharge permit will be approved by OCD on a case-by-case basis.

Rule 712 Waste: Pursuant to Rule 712 disposal of certain non-domestic waste is allowed at solid waste facilities permitted by the New Mexico Environment Department as long as the waste stream is identified in the discharge permit, and existing process knowledge of the waste stream does not change without notification to the Oil Conservation Division.

14. OCD Inspections: Additional requirements may be placed on the facility based upon results from OCD inspections.

15. Storm Water Permit: Stormwater runoff controls shall be maintained. As a result of operations, if any water contaminant that exceeds the WQCC standards listed in 20 NMAC 6.2.3101 is discharged in any stormwater run-off, then immediate actions shall be taken to mitigate the effects of the run-off, notify the OCD within 24 hours, and modify the discharge permit to include a formal stormwater run-off containment permit and submit for OCD approval within 15 days.

16. Transfer of Discharge Permit: The OCD will be notified prior to any transfer of ownership, control, or possession of a facility with an approved discharge permit. A written commitment to comply with the terms and conditions of the previously approved discharge permit must be submitted by the purchaser and approved by the OCD prior to transfer.

17. 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 permit 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.

18. Certification: **BJ Services Company, U.S.A.** by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. **BJ Services Company, U.S.A.** 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.

Conditions accepted by: **BJ Services Company, U.S.A.**

Jo Ann Cobb
Company Representative- print name

Jo Ann Cobb Date 2-21-03
Company Representative- Sign

Title Mgr. Env. Services

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

Bill Richardson
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

January 07, 2003

CERTIFIED MAIL
RETURN RECEIPT NO. 3929 9543

Mr. Jason Goodwin
BJ Services Company, U.S.A.
11211 FM 2920
Tomball, Texas 77375

Re: Renewal of Discharge Permit GW-97
Farmington Service Facility

Dear Mr. Goodwin:

The groundwater discharge permit GW-97 for the BJ Services Company, U.S.A., Farmington Service Facility, located in the W/2 of the SW/4 NW/4 of Section 13, Township 29 North, Range 13 West, NMPM, San Juan County, New Mexico, **is hereby approved** under the conditions contained in the enclosed attachment. Enclosed are two copies of the conditions of approval. **Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe Office within 30 working days of receipt of this letter.**

The original discharge permit was approved on August 18, 1992 with an expiration date of August 18, 1997. The discharge permit renewal application dated April 25, 2002, including attachments, submitted pursuant to Section 3106 of the New Mexico Water Quality Control Commission (WQCC) Regulations also includes all earlier applications and all conditions later placed on those approvals.

The discharge permit is renewed pursuant to Section 3109.C. Please note Section 3109.G., which provides for possible future amendment of the permit. Please be advised that approval of this permit does not relieve BJ Services Company, U.S.A. of responsibility should operations result in pollution of surface water, ground water or the environment. Nor does it relieve BJ Services Company, U.S.A. of its responsibility to comply with any other governmental authority's rules and regulations.

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

Please note that Section 3104. of the regulations requires that "when a permit has been approved, discharges must be consistent with the terms and conditions of the permit." Pursuant to Section 3107.C., BJ Services Company, U.S.A. is required to notify the Director of any facility expansion, production increase, or process modification that would result in any change in the discharge of water quality or volume.

Pursuant to Section 3109.H.4., this approval is for a period of five years. **This approval will expire August 18, 2007** and an application for renewal should be submitted in ample time before that date. Pursuant to Section 3106.F. of the regulations, if a discharger submits a discharge permit renewal application at least 120 days before the discharge permit expires and is in compliance with the approved permit, then the existing discharge permit will not expire until the application for renewal has been approved or disapproved.

The discharge permit application for the BJ Services Company, U.S.A., Farmington Service Facility, is subject to the WQCC Regulation 3114. Every billable facility submitting a discharge permit will be assessed a fee equal to the filing fee of $100.00 plus a flat fee of $1700.00 for oil field service companies. The OCD has not received the $1700.00 flat fee. The flat fee may be paid in a single payment due on the date of the discharge permit approval or in five equal installments over the expected duration of the discharge permit. Installment payments shall be remitted yearly, with the first installment due on the date of the discharge permit approval and subsequent installments due on this date of each calendar year.

Please make all checks payable to: Water Quality Management Fund
C/o: Oil Conservation Division
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505.

If you have any questions, please contact Wayne Price of my staff at (505-476-3487) or E-mail WPRICE@state.nm.us. On behalf of the staff of the OCD, I wish to thank you and your staff for your cooperation during this discharge permit review.

Sincerely,

Roger C. Anderson
Environmental Bureau Chief

RCA/lwp
Attachment-1
Xc: OCD Aztec Office

ATTACHMENT TO THE DISCHARGE PERMIT GW-97 APPROVAL
BJ Services Company, U.S.A., Farmington Service Facility
DISCHARGE PERMIT APPROVAL CONDITIONS
January 07, 2003

1. Payment of Discharge Permit Fees: The $100.00 filing fee has been received by the OCD. There is a required flat fee of $1700.00 for Oil Field Service Companies. The flat fee required for this facility may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the discharge permit, with the first payment due upon receipt of this approval. The filing fee is payable at the time of application and is due upon receipt of this approval.

2. Commitments: BJ Services Company, U.S.A. will abide by all commitments submitted in the discharge permit renewal application dated April 25, 2002, including attachments and these conditions for approval.

3. Drum Storage: All drums containing materials other than fresh water must be stored on an impermeable pad with curbing. All empty drums should be stored on their sides with the bungs in place and lined up on a horizontal permite. Chemicals in other containers such as sacks or buckets must also be stored on an impermeable pad with curbing.

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 facilities or modifications to existing facilities must place the tank on an impermeable type pad within the berm.

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 other containers should be clearly labeled to identify their contents and other emergency information necessary if the tank were to rupture, spill, or ignite.

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 below grade tanks, sumps and pits must be tested annually, except systems that have secondary containment with leak detection. These systems with leak detection shall have a monthly inspection of the leak detection to determine if the primary containment is leaking. Results of tests and inspections shall be

maintained at the facility covered by this discharge plan and available for NMOCD inspection. Any system found to be leaking shall be reported pursuant to Item # 12. Permit holders may propose various methods for testing such as 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 approved by the OCD prior to installation and must be tested to demonstrate their mechanical integrity every five (5) years. Results of such tests shall be maintained at the facility covered by this discharge plan and available for NMOCD inspection. Permit holders 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: No Class V wells that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes will be approved for construction and/or operation unless it can be demonstrated that groundwater will not be impacted in the reasonably foreseeable future. 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. 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, and leak detection will be inspected daily to ensure proper operation and to prevent over topping or system failure. All spill collection and/or secondary containment devices will be emptied of fluids within 48 hours of discovery. 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 District Office.

13. Waste Disposal: All wastes will 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 determination per 40 CFR Part 261. Any waste stream that is not listed in the discharge permit will be approved by OCD on a case-by-case basis.

    Rule 712 Waste: Pursuant to Rule 712 disposal of certain non-domestic waste is allowed at solid waste facilities permitted by the New Mexico Environment Department as long as the waste stream is identified in the discharge permit, and existing process knowledge of the waste stream does not change without notification to the Oil Conservation Division.

14. OCD Inspections: Additional requirements may be placed on the facility based upon results from OCD inspections.

15. Storm Water Permit: Stormwater runoff controls shall be maintained. As a result of operations, if any water contaminant that exceeds the WQCC standards listed in 20 NMAC 6.2.3101 is discharged in any stormwater run-off, then immediate actions shall be taken to mitigate the effects of the run-off, notify the OCD within 24 hours, and modify the discharge permit to include a formal stormwater run-off containment permit and submit for OCD approval within 15 days.

16. Transfer of Discharge Permit: The OCD will be notified prior to any transfer of ownership, control, or possession of a facility with an approved discharge permit. A written commitment to comply with the terms and conditions of the previously approved discharge permit must be submitted by the purchaser and approved by the OCD prior to transfer.

17. 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 permit 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.

18. Certification: **BJ Services Company, U.S.A.** by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. **BJ Services Company, U.S.A.** 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.

Conditions accepted by: **BJ Services Company, U.S.A.**

_____
Company Representative- print name

_____Date_____
Company Representative- Sign

Title_____

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

BRUCE KING
GOVERNOR

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

August 18, 1992

CERTIFIED MAIL
RETURN RECEIPT NO. P-667-242-138

Mr. Phillip Box
The Western Company of North America
P.O. Box 56006
Houston, Texas 77256

RE: Discharge Plan GW-97
Farmington Service Facility
San Juan County, New Mexico

Dear Mr. Box:

The groundwater discharge plan GW-97 for The Western Company of North America Farmington Service Facility located in the W/2 SW/4 NW/4 Section 13 and the E/2 SE/4 NE/4 Section 14, Township 29 North, Range 13 West, NMPM, San Juan County, New Mexico **is hereby approved** under the conditions contained in the enclosed attachment. The discharge plan consists of the application dated June 19, 1992.

The discharge plan was submitted pursuant to Section 3-106 of the Water Quality Control Commission Regulations. It is approved pursuant to section 3-109.A. Please note Section 3-109.F., which provides for possible future amendment of the plan. Please be advised that approval of this plan does not relieve you of liability should your operation result in actual pollution of surface or ground waters or the environment which may be actionable under other laws and/or regulations.

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

Please note that section 3-104 of the regulations requires that "When a plan has been approved, discharges must be consistent with the terms and conditions of the plan". Pursuant to Section 3-

107.c. you are required to notify the Director of any facility expansion, production increase, or process modification that would result in any change in the discharge of water quality or volume.

Pursuant to Section 3-109.g.4., this plan approval is for a period of five years. This approval will expire August 18, 1997 and you should submit an application for renewal in ample time before that date.

The discharge plan application for The Western Company of North America Farmington Service Facility is subject to the WQCC Regulation 3-114 discharge plan fee. Every billable facility submitting a discharge plan will be assessed a fee equal to the filing fee of fifty (50) dollars plus the flat rate of thirteen hundred and eighty (1380) dollars for service companies.

The OCD has received your $50 filing fee and the $1380 flat fee.

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

Sincerely,

William J. LeMay
Director

WJL/rca

xc: Denny Foust-OCD Aztec Office

ATTACHMENT TO DISCHARGE PLAN GW-97 APPROVAL
THE WESTERN COMPANY OF NORTH AMERICA FARMINGTON SERVICE FACILITY
DISCHARGE PLAN REQUIREMENTS
(August 18, 1992)

1. Drum Storage: All drums will be stored on pad and curb type containment.

2. Sump Inspection: All sumps at this facility will be cleaned and visually inspected on an annual basis. Any new sumps or below-grade tanks will be approved by the OCD prior to installation and will incorporate leak detection in their designs.

3. Tank Berming: All tanks that contain materials other than fresh water that, if released, could contaminate surface or ground water or the environment will be bermed to contain one and one third times the capacity of the tank.

4. Spills: All spills and/or leaks will be reported to the OCD district office pursuant to WQCC Rule 1-203 and OCD Rule 116.

5. Sampling: All analytical results will be submitted to the OCD within 30 day of receipt of results.

6. Solids Disposal: The wastes from the wash bay solids evaporation tank will not be disposed of without prior OCD approval.