

GW - 17

**GENERAL
CORRESPONDENCE**

YEAR(S):

2006



November 22, 2006

2006 DEC 4 PM 2 27
CERTIFIED MAIL NO. 7005 0390 0000 3789 1361
RETURN RECEIPT REQUESTED

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

RE: Revised Discharge Plan & Associated Modification Fee
Discharge Permit - GW-017
BJ Services Company, USA
11211 FM 2920
Tomball, TX 77375

Dear Mr. Price:

Enclosed is the revised Discharge Plan for the BJ Services Company, USA Hobbs Facility operating under Discharge Permit No. GW-017. Also enclosed is check number 2956170 in the amount of \$100.00 for payment of the associated modification fee.

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

Thank You.

Josh Morrisette
HSE Specialist

Enclosures



BJ Services Company, USA

Fax

To: Leonard Lowe

From: Josh Morrisette

Fax: 505-476-3462

Pages: 2 including cover page

Phone:

Date: October 3, 2007

Re: Discharge Plan Application

CC:

☐ Urgent ☒ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

● **Comments:**

Let me know if there are any questions. Thanks.

Josh Morrisette
HSE Specialist
Office: 281.357.2573
Mobile: 713.706.4875
Fax: 281.357.2585

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

State of New Mexico
Energy Minerals and Natural Resources

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

Revised 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 FACILITIES
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, USA
Address: 5514 Carlsbad Highway, HOBBS, NM 88240
Contact Person: JOSH MORRISSETTE Phone: 281.357.2573
3. Location: / 4 / 4 Section 36 Township 18 SOUTH Range 37 EAST
Submit large scale topographic map showing exact location.
4. Attach the name, telephone number and address of the landowner of the facility site.
5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.
6. Attach a description of all materials stored or used at the facility.
7. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included.
8. Attach a description of current liquid and solid waste collection/treatment/disposal procedures.
9. Attach a description of proposed modifications to existing collection/treatment/disposal systems.
10. Attach a routine inspection and maintenance plan to ensure permit compliance.
11. Attach a contingency plan for reporting and clean-up of spills or releases.
12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included.
13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.
14. CERTIFICATION: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: JOSH MORRISSETTE

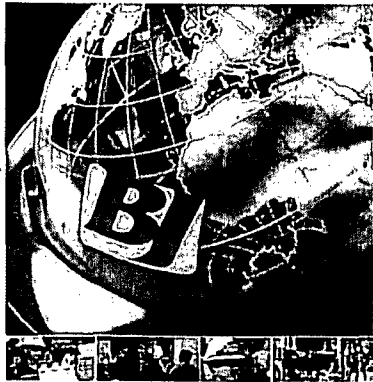
Title: HSE SPECIALIST

Signature: [Signature]

Date: 10-3-2007

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

Hobbs Tools Discharge Plan



BJ Services Company, USA
5514 Carlsbad Hwy.
Hobbs, NM 88240

**BJ Services Company, U.S.A.
Discharge Plan
Hobbs, New Mexico**

October 2006

I. Type of Operation

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

II. Operator

BJ Services Company, U.S.A. (Completion Tools)
5514 Carlsbad Hwy
Hobbs, NM 88240
Contact: Jason Taylor
432 683-2781

BJ Services Company, U.S.A. (Chemical Services)
707 N. Leech
Hobbs, NM 88240
Contact: Jay Brown
505-393-7751

III. Location

See attachment 1, Figure 1 – Site Location Map

IV. Landowner of Facility Site

BJ Services Company, U.S.A.
11211 FM 2920
Tomball, TX 77375
Contact: Jo Ann Cobb, R.E.M.
281-357-2572

V. Facility Description

See attachment 1, Figure 2 – Facility Layout

VI. Materials Stored or Used at the Facility

Material	General Makeup (includes additives)	Form	Type of Container	Estimated Volume Stored	Location
Degreaser	various	Liquid	Drum	55 - gal	Shop
Spray Paint	various	Liquid	Cans	5 - gal	Shop
AL-133	Biocide	Liquid	Storage Tank	80 - gal	Bulk Chemical Storage
AL-160	Biocide	Liquid	Storage Tank	220 - gal	Bulk Chemical Storage
KTL-22W	Water Based Scale Inhibitor	Liquid	Storage Tank	180 - gal	Bulk Chemical Storage
RPD-02211	Aromatic/Aliphatic Paraffin Solvent	Liquid	Storage Tank	750 - gal	Bulk Chemical Storage
TC-410	Water Based Cleaning Agent	Liquid	Storage Tank	220 - gal	Bulk Chemical Storage
TCX-3125	Aromatic/Aliphatic Corrosion Inhibitor	Liquid	Storage Tank	750 - gal	Bulk Chemical Storage
TCX-3740	Alcohol Based Corrosion Inhibitor	Liquid	Storage Tank	180 - gal	Bulk Chemical Storage
TH-302	Aromatic Corrosion Inhibitor	Liquid	Storage Tank	750 - gal	Bulk Chemical Storage
TH-3036	Aromatic Corrosion Inhibitor	Liquid	Storage Tank	750 - gal	Bulk Chemical Storage
TH-3113	Aromatic Corrosion Inhibitor	Liquid	Storage Tank	400 - gal	Bulk Chemical Storage
TH-315	Aromatic Corrosion Inhibitor	Liquid	Storage Tank	750 - gal	Bulk Chemical Storage
TH-324	Aromatic Corrosion Inhibitor	Liquid	Storage Tank	400 - gal	Bulk Chemical Storage
TH-369W	Water/Alcohol Based Corrosion Inhibitor	Liquid	Storage Tanks	1,500 - gal	Bulk Chemical Storage
TH-5324	Aromatic Corrosion Inhibitor	Liquid	Storage Tank	400 - gal	Bulk Chemical Storage
TS-161	Aromatic/Aliphatic Paraffin Solvent	Liquid	Storage Tank	400 - gal	Bulk Chemical Storage
TS-164	Aromatic Paraffin Solvent	Liquid	Storage Tank	750 - gal	Bulk Chemical Storage
TW-4273	Water Based Cleaning Agent	Liquid	Storage Tank	80 - gal	Bulk Chemical Storage
TW-447	Water Based Cleaning Agent	Liquid	Storage Tank	750 - gal	Bulk Chemical Storage
TW-467	Water Based Cleaning Agent	Liquid	Storage Tank	180 - gal	Bulk Chemical Storage
AL-133	Biocide	Liquid	5 - gal pail	20 - gal	Chemical Storage Building
AL-160	Biocide	Liquid	5 - gal pail	30 - gal	Chemical Storage Building
METHANOL	Methanol	Liquid	5 - gal pail	30 - gal	Chemical Storage Building
RPD-03085	Water Based Cleaning Agent	Liquid	5 - gal pail	30 - gal	Chemical Storage Building
TB-100	Oil Based Demulsifier	Liquid	5 - gal pail	100 - gal	Chemical Storage Building
TB-4314	Water Based Cleaning Agent	Liquid	5 - gal pail	30 - gal	Chemical Storage Building
TC-410	Water Based Cleaning Agent	Liquid	5 - gal pail	30 - gal	Chemical Storage Building
TC-420	Water Based Cleaning Agent	Liquid	5 - gal pail	30 - gal	Chemical Storage Building
TC-436	Water Based Cleaning Agent	Liquid	5 - gal pail	30 - gal	Chemical Storage Building
TCX-3220	Aromatic Corrosion Inhibitor	Liquid	5 - gal pail	30 - gal	Chemical Storage Building

Material	General Makeup (includes additives)	Form	Type of Container	Estimated Volume Stored	Location
TH-369W	Water/Alcohol Based Corrosion Inhibitor	Liquid	5 - gal pail	30 - gal	Chemical Storage Building
TH-370	Water/Alcohol Based Corrosion Inhibitor	Liquid	5 - gal pail	30 - gal	Chemical Storage Building
TH-5324	Aromatic Corrosion Inhibitor	Liquid	5 - gal pail	110 - gal	Chemical Storage Building
TH-606	Water/Alcohol Based Corrosion Inhibitor	Liquid	5 - gal pail	30 - gal	Chemical Storage Building
TH-756	Water Based Scale Inhibitor	Liquid	5 - gal pail	30 - gal	Chemical Storage Building
TS-161	Aromatic/Aliphatic Paraffin Solvent	Liquid	5 - gal pail	30 - gal	Chemical Storage Building
TS-163	Aromatic/Aliphatic Paraffin Solvent	Liquid	5 - gal pail	30 - gal	Chemical Storage Building
TS-164	Aromatic Paraffin Solvent	Liquid	5 - gal pail	30 - gal	Chemical Storage Building
TS-175	Aromatic/Aliphatic Paraffin Solvent	Liquid	5 - gal pail	10 - gal	Chemical Storage Building
TS-270	Aromatic/Aliphatic Paraffin Solvent	Liquid	5 - gal pail	30 - gal	Chemical Storage Building
TS-2817	Aromatic/Aliphatic Paraffin Solvent	Liquid	5 - gal pail	55 - gal	Chemical Storage Building
TW-4222	Water Based Cleaning Agent	Liquid	5 - gal pail	30 - gal	Chemical Storage Building
TW-425	Water Based Cleaning Agent	Liquid	5 - gal pail	30 - gal	Chemical Storage Building
TW-4273	Water Based Cleaning Agent	Liquid	5 - gal pail	30 - gal	Chemical Storage Building
TW-438	Water Based Cleaning Agent	Liquid	5 - gal pail	30 - gal	Chemical Storage Building
TW-447	Water Based Cleaning Agent	Liquid	5 - gal pail	110 - gal	Chemical Storage Building
TW-467	Water Based Cleaning Agent	Liquid	5 - gal pail	30 - gal	Chemical Storage Building
KTL-22W	Water Based Scale Inhibitor	Liquid	Drum	110 - gal	Drum Storage Area A
Methanol	Methanol	Liquid	Drum	550 - gal	Drum Storage Area A
NH7003	Water Based Scale Inhibitor	Liquid	Drum	110 - gal	Drum Storage Area A
RCI-05125	Aromatic Corrosion Inhibitor	Liquid	Drum	110 - gal	Drum Storage Area A
RCI-05234	Aromatic Corrosion Inhibitor	Liquid	Drum	110 - gal	Drum Storage Area A
REB-02125	Oil Based Demulsifier	Liquid	Drum	110 - gal	Drum Storage Area A
REB-04327	Oil Based Demulsifier	Liquid	Drum	220 - gal	Drum Storage Area A
REB-05315	Oil Based Demulsifier	Liquid	Drum	110 - gal	Drum Storage Area A
REB-06167	Oil Based Demulsifier	Liquid	Drum	220 - gal	Drum Storage Area A
RIS-03297	Water Based Scale Inhibitor	Liquid	Drum	220 - gal	Drum Storage Area A
RPD-02211	Aromatic/Aliphatic Paraffin Solvent	Liquid	Drum	550 - gal	Drum Storage Area A
RPD-03085	Aromatic/Aliphatic Paraffin Solvent	Liquid	Drum	550 - gal	Drum Storage Area A
RPI-03071	Aromatic/Aliphatic Paraffin Solvent	Liquid	Drum	55 - gal	Drum Storage Area A

Material	General Makeup (includes additives)	Form	Type of Container	Estimated Volume Stored	Location
TB-100	Oil Based Demulsifier	Liquid	Drum	220 - gal	Drum Storage Area A
TB-104	Oil Based Demulsifier	Liquid	Drum	55 - gal	Drum Storage Area A
TB-5902	Oil Based Demulsifier	Liquid	Drum	110 - gal	Drum Storage Area A
TB-5916	Oil Based Demulsifier	Liquid	Drum	110 - gal	Drum Storage Area A
TB-5942	Oil Based Demulsifier	Liquid	Drum	220 - gal	Drum Storage Area A
TB-5979	Oil Based Demulsifier	Liquid	Drum	330 - gal	Drum Storage Area A
TB-5986	Oil Based Demulsifier	Liquid	Drum	220 - gal	Drum Storage Area A
TB-832	Oil Based Demulsifier	Liquid	Drum	220 - gal	Drum Storage Area A
TB-8811	Oil Based Demulsifier	Liquid	Drum	110 - gal	Drum Storage Area A
TB-916	Oil Based Demulsifier	Liquid	Drum	110 - gal	Drum Storage Area A
TB-917	Oil Based Demulsifier	Liquid	Drum	330 - gal	Drum Storage Area A
TB-9421	Oil Based Demulsifier	Liquid	Drum	55 - gal	Drum Storage Area A
TB-9551	Oil Based Demulsifier	Liquid	Drum	220 - gal	Drum Storage Area A
TB-9614	Oil Based Demulsifier	Liquid	Drum	55 - gal	Drum Storage Area A
TB-974	Oil Based Demulsifier	Liquid	Drum	110 - gal	Drum Storage Area A
TB-976	Oil Based Demulsifier	Liquid	Drum	110 - gal	Drum Storage Area A
TB-979	Oil Based Demulsifier	Liquid	Drum	220 - gal	Drum Storage Area A
TB-986	Oil Based Demulsifier	Liquid	Drum	110 - gal	Drum Storage Area A
TC-405	Water Based Scale Inhibitor	Liquid	Drum	220 - gal	Drum Storage Area A
TC-410	Water Based Cleaning Agent	Liquid	Drum	220 - gal	Drum Storage Area A
TC-4402	Water Based Cleaning Agent	Liquid	Drum	220 - gal	Drum Storage Area A
TCX-3220	Aromatic Corrosion Inhibitor	Liquid	Drum	220 - gal	Drum Storage Area A
TEG	Triethylene Glycol	Liquid	Drum	220 - gal	Drum Storage Area A
TH-302	Aromatic Corrosion Inhibitor	Liquid	Drum	110 - gal	Drum Storage Area A
TH-315	Aromatic Corrosion Inhibitor	Liquid	Drum	110 - gal	Drum Storage Area A
TH-324	Aromatic Corrosion Inhibitor	Liquid	Drum	220 - gal	Drum Storage Area A
TS-159	Aromatic/Aliphatic Paraffin Solvent	Liquid	Drum	550 - gal	Drum Storage Area A
TS-161	Aromatic/Aliphatic Paraffin Solvent	Liquid	Drum	220 - gal	Drum Storage Area A
TS-163	Aromatic/Aliphatic Paraffin Solvent	Liquid	Drum	220 - gal	Drum Storage Area A
TS-164	Aromatic Paraffin Solvent	Liquid	Drum	550 - gal	Drum Storage Area A
TS-175	Aromatic/Aliphatic Paraffin Solvent	Liquid	Drum	110 - gal	Drum Storage Area A
TS-253	Water Based Paraffin Dispersant	Liquid	Drum	110 - gal	Drum Storage Area A
TS-270	Aromatic/Aliphatic Paraffin Solvent	Liquid	Drum	550 - gal	Drum Storage Area A
TS-2710	Aromatic/Aliphatic Paraffin Solvent	Liquid	Drum	220 - gal	Drum Storage Area A
TS-275	Water Based Paraffin Dispersant	Liquid	Drum	220 - gal	Drum Storage Area A

Material	General Makeup (includes additives)	Form	Type of Container	Estimated Volume Stored	Location
TS-2817	Aromatic/Aliphatic Paraffin Solvent	Liquid	Drum	330 -gal	Drum Storage Area A
TS-2917	Aromatic/Aliphatic Paraffin Solvent	Liquid	Drum	110 - gal	Drum Storage Area A
UI-3141	Water Based Corrosion Inhibitor	Liquid	Drum	110 - gal	Drum Storage Area A
WCX-5121	Aromatic/Aliphatic Paraffin Solvent	Liquid	Drum	220 - gal	Drum Storage Area A
AL-125	Biocide	Liquid	Drum	220 - gal	Drum Storage Area B
AL-133	Biocide	Liquid	Drum	220 - gal	Drum Storage Area B
AL-137	Biocide	Liquid	Drum	110 - gal	Drum Storage Area B
AL-160	Biocide	Liquid	Drum	220 - gal	Drum Storage Area B
PSI-720	Water Based Scale Inhibitor	Liquid	Drum	330 -gal	Drum Storage Area B
RDF-03266	Water Based Foamer	Liquid	Drum	220 - gal	Drum Storage Area B
RFO-02238	Water Based Foamer	Liquid	Drum	220 - gal	Drum Storage Area B
RFO-03311	Water Based Foamer	Liquid	Drum	220 - gal	Drum Storage Area B
RFO-04142	Water Based Foamer	Liquid	Drum	660 - gal	Drum Storage Area B
RFO-06209	Water Based Foamer	Liquid	Drum	44 - gal	Drum Storage Area B
TC-2420	Water Based Cleaning Agent	Liquid	Drum	110 - gal	Drum Storage Area B
TC-420	Water Based Cleaning Agent	Liquid	Drum	550 - gal	Drum Storage Area B
TC-436	Water Based Cleaning Agent	Liquid	Drum	550 - gal	Drum Storage Area B
TCX-3700	Water Based Corrosion Inhibitor	Liquid	Drum	220 - gal	Drum Storage Area B
TCX-3740	Water Based Corrosion Inhibitor	Liquid	Drum	220 - gal	Drum Storage Area B
TF-5550	Water Based Foamer	Liquid	Drum	220 - gal	Drum Storage Area B
TF-5561	Water Based Foamer	Liquid	Drum	330 -gal	Drum Storage Area B
TF-570	Water Based Foamer	Liquid	Drum	220 - gal	Drum Storage Area B
TF-578	Water Based Foamer	Sticks	Box	1	Drum Storage Area B
TF-579	Water Based Foamer	Sticks	Box	1	Drum Storage Area B
TH-356	Water/Alcohol Based Corrosion Inhibitor	Liquid	Drum	220 - gal	Drum Storage Area B
TH-366	Water/Alcohol Based Corrosion Inhibitor	Liquid	Drum	220 - gal	Drum Storage Area B
TH-368	Water/Alcohol Based Corrosion Inhibitor	Liquid	Drum	440 - gal	Drum Storage Area B
TH-370	Water/Alcohol Based Corrosion Inhibitor	Liquid	Drum	220 - gal	Drum Storage Area B
TH-3743	Water/Alcohol Based Corrosion Inhibitor	Liquid	Drum	220 - gal	Drum Storage Area B
TH-377	Water/Alcohol Based Corrosion Inhibitor	Liquid	Drum	110 - gal	Drum Storage Area B
TH-3921	Water/Alcohol Based Corrosion Inhibitor	Liquid	Drum	110 - gal	Drum Storage Area B
TH-5798	Water Based Scale Inhibitor	Liquid	Drum	330 -gal	Drum Storage Area B

Material	General Makeup (includes additives)	Form	Type of Container	Estimated Volume Stored	Location
TH-604	Water/Alcohol Based Corrosion Inhibitor	Liquid	Drum	110 - gal	Drum Storage Area B
TH-606	Water/Alcohol Based Corrosion Inhibitor	Liquid	Drum	550 - gal	Drum Storage Area B
TH-6316	Water/Alcohol Based Corrosion Inhibitor	Liquid	Drum	220 - gal	Drum Storage Area B
TH-6389	Water/Alcohol Based Corrosion Inhibitor	Liquid	Drum	220 - gal	Drum Storage Area B
TH-701	Water/Alcohol Based Corrosion Inhibitor	Liquid	Drum	550 - gal	Drum Storage Area B
TH-704	Water/Alcohol Based Corrosion Inhibitor	Liquid	Drum	220 - gal	Drum Storage Area B
TH-756	Water Based Scale Inhibitor	Liquid	Drum	660 - gal	Drum Storage Area B
TH-758W	Water Based Scale Inhibitor	Liquid	Drum	110 - gal	Drum Storage Area B
TH-760	Water Based Scale Inhibitor	Liquid	Drum	110 - gal	Drum Storage Area B
TH-765	Water Based Scale Inhibitor	Liquid	Drum	110 - gal	Drum Storage Area B
TH-767	Water Based Scale Inhibitor	Liquid	Drum	550 - gal	Drum Storage Area B
TH-781	Water Based Scale Inhibitor	Liquid	Drum	110 - gal	Drum Storage Area B
TH-790W	Water Based Scale Inhibitor	Liquid	Drum	110 - gal	Drum Storage Area B
TH-793	Water Based Scale Inhibitor	Liquid	Drum	550 - gal	Drum Storage Area B
TH-794	Water Based Scale Inhibitor	Liquid	Drum	330 -gal	Drum Storage Area B
TH-798	Water Based Scale Inhibitor	Liquid	Drum	550 - gal	Drum Storage Area B
TW-401	Water Based Cleaning Agent	Liquid	Drum	220 - gal	Drum Storage Area B
TW-425	Water Based Cleaning Agent	Liquid	Drum	220 - gal	Drum Storage Area B
TW-430	Water Based Cleaning Agent	Liquid	Drum	550 - gal	Drum Storage Area B
TW-438	Water Based Cleaning Agent	Liquid	Drum	110 - gal	Drum Storage Area B
TW-447	Water Based Cleaning Agent	Liquid	Drum	1,100 - gal	Drum Storage Area B
TW-4471	Water Based Cleaning Agent	Liquid	Drum	220 - gal	Drum Storage Area B
TW-467	Water Based Cleaning Agent	Liquid	Drum	220 - gal	Drum Storage Area B
Uniklor B	Bleach	Liquid	Drums	165 - gal	Drum Storage Area C
Uniklor C	Sodium Chlorite	Liquid	Drums	220 - gal	Drum Storage Area C
Uniklor A	Hydrochloric Acid	Liquid	Drums	110 - gal	Drum Storage Area D

VII. Sources of Effluent and Waste Solids

Waste Type	Source and Composition	Volume per Month	Major Additives
Tank Residual from Clean-outs	Storage Tank	100 gallons	Varies by product
Off-Spec Chemical	Storage Tank	100 gallons	Varies by product
Gloves, Absorbent socks, and rags	Operations	50-lbs	Varies by product

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

Waste Type	On Site Handling	Disposal	Disposal Facilities
Tank Residual from Clean-outs	Stored in drums	Offsite Disposal	Univar 311 Lark Ave Odessa, TX 79760
Off-Spec Chemical	Stored in drums	Offsite Disposal	Univar 311 Lark Ave Odessa, TX 79760
Gloves, Absorbent socks, and rags	Stored in drums	Offsite Disposal	Univar 311 Lark Ave Odessa, TX 79760

IX. Proposed Modifications

Currently there are no proposed modifications scheduled.

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: None

Arroyos: None

Groundwater Characteristics: Depth to Groundwater (bgs): 20 feet (see Attachment 4 for boring log.)

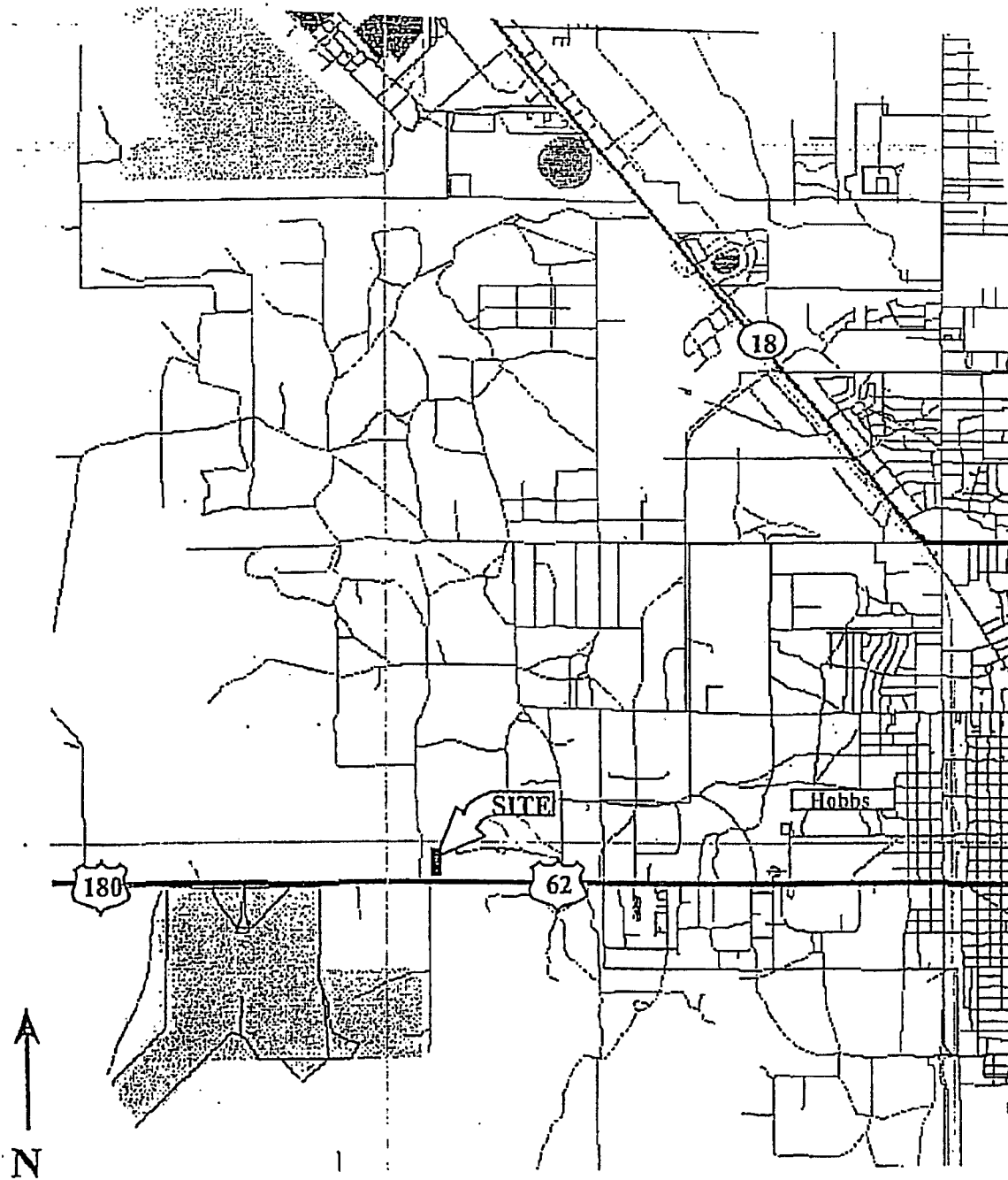
Flooding Potential: None

XIII. Closure Plans

BJ Services submitted a letter to the OCD on July 11, 1997 outlining the closure activities that had been performed to date and planned closure activities. As a result of some of the items in the letter, BJ Services retained Brown and Caldwell to perform some closure and assessment activities. Brown and Caldwell have submitted two closure plans related to these activities to the OCD. Additional closure plans will be submitted throughout the closure procedure.

ATTACHMENT 1

SITE PLANS

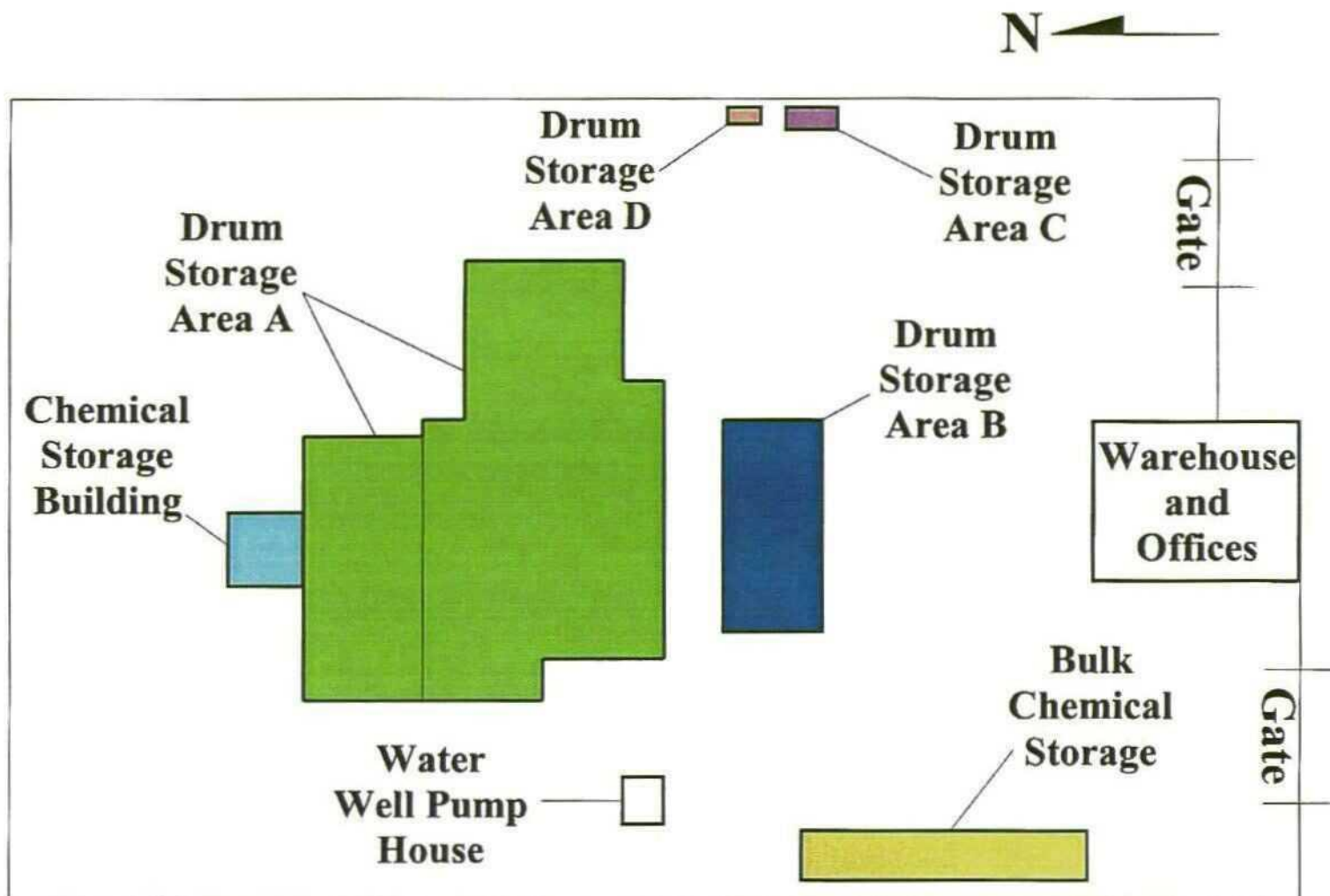


BJ Services Company, U.S.A.
8701 New Trails Drive
The Woodlands, TX 77381

Figure 1: Site Location Map

Last Revised: 3/12/98

Facility Name: BJ Services Company, U.S.A.
Facility Address: 5514 Carlsbad Highway
Hobbs, NM 88240



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

Figure 2: Facility Layout

Hobbs Tools
 5514 Carlsbad Highway
 Hobbs, NM 88240

Not To Scale

REVISION DATE:
 10/18/06

DRAWN BY
 JSG

ATTACHMENT 2

BASE/DISTRICT HSE INSPECTION REPORT

US Inspection - 2006
Base/District HSE Inspection Report



Region: BJ Chemical Services
District/Base: Support - Hobbs Warehouse - Chemical Services
Inspector: _____

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

Job Title of Inspector(s): _____

Date of Inspection: _____

Product Line : BJ Chemical Services - Manufacturing

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

BJ Chemical Services Manufacturing - General Conditions
BJ Chemical Services Manufacturing - Office
BJ Chemical Services Manufacturing - Chemical Storage Area
BJ Chemical Services Manufacturing - Empty Drum Storage Area
BJ Chemical Services Manufacturing - Tank Farms
BJ Chemical Services Manufacturing - Yard/External Equipment Storage Area
BJ Chemical Services - Chemical Storage Area
BJ Chemical Services Manufacturing - Waste Management
BJ Chemical Services Manufacturing - Laboratory
BJ Chemical Services Manufacturing - Shop
BJ Chemical Services Manufacturing - Forklifts
BJ Chemical Services Manufacturing - Vehicles
BJ Chemical Services Manufacturing - Facility Files
BJ Chemical Services Manufacturing - SCBA
BJ Chemical Services Manufacturing - Locker Room - Washrooms - Break Rooms

Significant Facility Changes

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 knowledgeable 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	All Trainers are competent (demonstrated by CAP participation, certifications, education, or Training Plan in place)
5	Field personnel oriented per standards prior to field assignment (QHSE Standard - Health & Safety 6.3 plus Region Req'd orientation)
6	Facility APT in place per standard (QHSE Standards - Health & Safety 5.2)
7	HSE Facility and Jobsite 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._)

10 Quality of accident reports - complete, corrective action taken, and closed out

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)

BJ Chemical Services

Manufacturing - General Conditions

1	Current mandatory safety legislation posters
2	Local legislative accident log (e.g. OSA 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 extinguishers (operable, inspected, proper location, proper type)
7	Personal protective equipment (available, provided, and used as required)
8	PPE available for visitors or vendors)
9	First aid kit (adequate number of, adequately stocked, highly visible)
10	Trained first aiders at facility (sufficient number, identified, posted)
11	Safety signs and notices (sufficient number, all hazards, current)
12	Safety bulletin board (current)
13	Entryway/gateway (signed, unobstructed)
14	Parking (sufficient, obstructed, signed)
15	Road surfaces (safe, maintained)
16	Lighting (sufficient, working, assess both internal and external)
17	Heating and cooling system (radiators free/clear, system checked annually, adequate records)
18	Electrical panels and wiring (labeled, secure, maintained)
19	Landscape (presentable, maintained)
20	BJ Services company signs (visible, maintained)
21	Prohibited articles/substances sign (visible, maintained)
22	Safety signs for LTI free days (up to date, visible)
23	Notices to visitors and vendors (where to go, posted)
24	Speed limit signs (posted, visible, adhered to)
25	Security fence (sufficient, maintained)
26	Fixed stairs, ladders, walkways, handrails, gates, and doors (maintained, clear, safe)
27	Emergency exits/routes (signed, unobstructed, site plane of)
28	Hazardous chemicals inventory (held locally, current-6 Month Rule)
29	Material safety data sheets (accessible locally, current) Dispatch?
30	Spills or leaks visible
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	No open containers outside collecting water
HK	Housekeeping (Rating 0,1,2,4)

BJ Chemical Services
Manufacturing - Office

1	Heating and cooling checked annually
2	Adequacy and cleanliness of toilet facilities
3	Floors clean and free of obstructions
4	Doorways and passageways free of obstructions
5	Exits clearly marked
HK	Housekeeping (Rating 0,1,2,4)

BJ Chemical Services
Manufacturing - Chemical
Storage Area

1	All chemicals (identified, labeled)
2	Proper stacking (drums and bag pallets-no more than three (3) high)
3	Safety shower and eyewash (maintained, tested)
4	Hoses, piping, and valves (clear, operable, stowed appropriately)
5	Proper chemical segregation (types, aisles, labeled)
6	Used spill material container (available, empty, clean, isolated)
7	Floors (flat, clean, impermeable)
8	Sump (empty, clean, isolated)
9	Racking (capacity signed, inspections)
10	Material safety data sheets (accessible locally, current)
HK	Housekeeping (Rating 0,1,2,4)

BJ Chemical Services
Manufacturing - Empty Drum
Storage Area

1	Empty drums and pails removed on a routine basis
2	Empty drums stored horizontally with bungs at 3 & 9
3	Empty drums and pails completely empty
4	No leakers
5	Empty drums stored without connections
6	Salvage drum available
7	Empty drums on pallets, cement or asphalt
8	No standing water, sump empty and clean

BJ Chemical Services

Manufacturing - Tank Farms

1	All tanks properly labeled (metal sign, NFPA diamond)
2	No visible leaks around tanks or header
3	Catch buckets (empty, properly labeled, and lid on container)
4	No chemical or water in sumps
5	Spill kits available and stocked
6	Bonding cables available, coiled, and in proper working condition
7	Connections properly stored in cabinet
8	Lids, PVVs closed, operable on all tanks
9	No leaking or damaged hoses, valves, or pumps
10	Safety shower/eyewash functioning, inspected, not obstructed, clean
11	Catwalks available and in working order
HK	Housekeeping (Rating 0,1,2,4)

BJ Chemical Services

Manufacturing - Yard/External Equipment Storage Area

1	Pallets (adequate, maintained, safe)
2	Noise levels (signage, measured)
3	Road traffic signage (speed limits posted, warning signage for pedestrians)
4	Segregation of pedestrians/vehicles (walkways marked, railings)
5	PPE (signage, appropriate to risk assessed)

6	Washbay sump(s) clean (routinely maintained and emptied)
7	POTW (inspected, cleaned routinely, randomly sampled)
8	All drums labeled, stacked neatly
9	Inventory controlled (LIFO = taken monthly)

BJ Chemical Services - Chemical Storage Area

1	All chemicals (identified, labeled)
2	Proper stacking (drums and bag pallets-no more than three (3) high)
3	Pallets (adequate, maintained, safe)
4	Inventory controlled (LIFO - taken monthly)
5	Hoses, piping, and valves (clear, operable, stowed appropriately)
6	Proper chemical segregation (types, aisles, labeled)
7	Used spill material container (available, empty, clean, isolated)
8	Floors (flat, clean, impermeable)
9	Material safety data sheets (accessible locally, current)
10	Waste/surplus chemicals (routinely identified, correct storage, correct and regular disposal)
HK	Housekeeping (Rating 0,1,2,4)

BJ Chemical Services Manufacturing - Waste Management

1	Waste documents filed properly
2	Waste log sheets attached and properly completed
3	Lab waste properly labeled and handled
4	No chemically contaminated waste in ordinary waste containers
5	Parts cleaner waste being properly handled
6	Waste documents filed properly
7	Weekly inspection of hazardous waste area documented (SQG & LQG only)
8	Waste/surplus chemicals (routinely identified, correct storage, correct and regular disposal)
9	Hazardous Waste Satellite accumulation point(s) labeled properly and lid secured
HK	Housekeeping (Rating 0,1,2,4)

BJ Chemical Services**Manufacturing - Laboratory**

- | | |
|---|--|
| 1 | Chemical containers identified (BJ Chemical Services policy) |
| 2 | Only required chemicals on hand |
| 3 | Vent hood installed and operating properly |
| 4 | Ground-fault interruption provided for electrical sockets near water |
| 5 | Waste containers (labeled, log sheets attached, lids secured, disposed of routinely) |
| 6 | MSDSs available |
| 7 | Sinks labeled "No Chemical Down Sink" |
| 8 | No excessive accumulation of samples |
| 9 | Hazardous Waste Satellite accumulation point(s) (labeled and lid secured) |

BJ Chemical Services**Manufacturing - Shop**

- | | |
|----|---|
| 1 | Condition of hand tools |
| 2 | Grinding equipment and signs |
| 3 | Welding and cutting equipment |
| 4 | Overhead storage posted for capacity |
| 5 | Oily rag container provided and labeled |
| 6 | Fixed stairs and railings |
| 7 | Paint, lubricants, cleaning agents and solvents properly stored and MSDSs available |
| 8 | Confined space permit system |
| 9 | Hot work permit system |
| 10 | Lockout/Tagout system |
| 11 | Ladders |
| 12 | Lighting |
| 13 | Signs |
| 14 | Air Compressors (belts guarded, PRV checked annually) |
-

BJ Chemical Services
Manufacturing - Forklifts

1	Forks (condition, maintained, appropriate)
2	Pre-use daily 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

BJ Chemical Services
Manufacturing - Vehicles

1	Documentation (shipping papers, placards, ERG, DOT, & Haz Material Guidebook; log book, trip inspections)
2	Tanks inspection markings
3	Safety items (1st aid kit, 32 oz. eye wash, water, triangle reflectors, fuses, bulbs, shovel)
4	PPE (gloves, goggles, cartridge respirator, tyvek, absorbents)
5	Fire extinguishers (monthly and yearly inspections)
6	Spill kit available

BJ Chemical Services
Manufacturing - Facility Files

1	Waste manifests, LDRs, profiles, analyses
2	EPA ID
3	Facility inspections
4	Safety meetings
5	Waste tracking reports
6	Annual and Biennial reports (SARA Tier II, SARA TRI, Hazardous Waste)
7	DOT and hazard communication labels

8	DOT Drivers qualification files
9	Spill reports
10	Injury/illness and vehicle accident reports
11	H2S monitors calibrations
12	Tank inspection certifications
13	Training records
14	Policies and procedures (HazComm, respiratory protection, LOTO, ER, Drug Alcohol)

BJ Chemical Services

Manufacturing - SCBA

1	Facepiece - Clean and sealed
2	Facepiece - Skirt flexible and clean
3	Facepiece - Headstraps and buckles adjusted out and ok
4	Facepiece - Exhalation valve
5	Rubber Hose - Fitting tight, O-rings, crack, cuts
6	Regulator - Bypass valve closed
7	Regulator -Main valve locked open
8	Regulator - regulator knob in DON position
9	Alarm Bell - Open cylinder valve, close cylinder valve, vent air slowly by opening bypass valve and bleed down to 500 psi on regulator, "bell rings",close bypass valve
10	Cylinder Valve - Leaks, excessive torque
11	Cylinder Valve - Leaves in close position
12	Pressure Gauges - Pressure above 1500 psi, check for cracks
13	Compressed Air Cylinder - Hydrostatic test date less than 5 years old for steel and 3 years old for composite
14	Compressed Air Cylinder -Rust, pits, dents and scratches
15	Back Pack - Broken, twisted or frayed straps
16	Back Pack - Buckles ok and adjusted out

BJ Chemical Services

Manufacturing - Locker Room -

Washrooms - Break Rooms

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

Significant Facility Changes

1	Tank Change (N/A - No Change , 2 - if changed and made proper notification, 1 - if changed but did not notify)
2	Product Volume (N/A - No Change , 2 - if changed and made proper notification, 1 - if changed but did not notify)
3	Facility Moved (N/A - No Change , 2 - if changed and made proper notification, 1 - if changed but did not notify)
4	Number of Employees (N/A - No Change , 2 - if changed and made proper notification, 1 - if changed but did not notify)
5	Biocide Used (N/A - No Change , 2 - if changed and made proper notification, 1 - if changed but did not notify)

Additional Information Required

Please contact Bill Steiner if any of the above have significantly changed.
If the facility has moved, please type in the date it was moved:

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 (segregated 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
SPILL HANDLING AND CONTINGENCY PLAN



**BJ SERVICES COMPANY, U.S.A.
HOBBS CHEMICAL SERVICES WAREHOUSE / TOOLS
EMERGENCY RESPONSE PLAN**

IN THE CASE OF ANY OIL OR CHEMICAL SPILLS

The Facility Supervisor will immediately notify the District Tools Manager. The District Tools Manager will follow procedures in the US Environmental Standards when reporting spills.

Facility Supervisor	Dean Duarte	505-390-9978 cell 505-393-7791 office
District Tools Mgr. RSTM	Jason Taylor David Winkles	432-381-2301 office 432-683-2781 office

CHEMICAL SPILLS OCCURING OFFSITE OR LARGE ONSITE SPILLS

Call CURA National Emergency Response Service at (800) 579-2872

Contact the Environmental Department during work hours at (281) 351-8131 (Main Tomball Number). All agency reporting and reports will be taken care by CURA.

After hours Dispatch Personnel are to obtain the following information from the caller:

Incident Location (address, mile marker, nearest city, etc.)
Person Reporting the Spill (name, title) and phone number
On scene contact (name, title) and phone number
Description of the incident (type and volume of release, substance released, etc.)
Surfaces affected (soil/grass, asphalt, concrete, other)
Water affected (surface, groundwater, coastal)
Sensitive receptors (parks, storm sewer, drainage ditch, residential or populated areas)
Note any initial actions taken to control release.

The Facility Supervisor will call the following people, starting at the top of the list until someone on the list is contacted:

Jo Ann Cobb	(281) 357-2572 (713) 898-6635 (281) 353-4481	Office Cellular/Pager Home
Jake Graf	(281) 357-2705 (713) 412-7196 (281) 516-7669	Office Cellular/Pager Home
Josh Morrisette	(281) 357-2573 (713) 705-4875 (281) 419-0723	Office Cellular/Pager Home

Tomball Research & Technology Center	Address: 11211 FM 2920, Tomball, TX 77375 Main Number: (281) 351-8131 QHSE Fax: (281) 357-2585
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NATIONAL RESPONSE CENTER (Oil Spills)..... (800) 424-8802

ATTACHMENT 4

BORING LOG

Project Location: Northeast Corner of Claiche Pit		Logged By: T. Jenkins	Approved: T. Jenkins
Drilling Contractor: West Texas Water Well		Date Started: 11/19/97	Date Finished: 11/19/97
Drilling Equipment: Badger 1250	Driller: Bernie Brockman	Total Boring Depth: (feet) 60.0	Depth to Static Water: (feet) 47.0
Drilling Method: Air Rotary	Borehole Diameter: 4.875"	TOC Elevation:	Ground Elevation: NA
Sampling Method: Core/Split Spoon		Diameter and Type of Well Casing: 2" Sch. 40 - PVC	
Comments: Monitor Well MW-2 was installed in Soil Boring SB-3		Slot Size: 0.010	Filter Material: Silica Sand
Development Method: Surge and Bail			

Depth (feet)	Depth to Water	USC Soil Type	Lithology	Description	PID Readings	Sampled Interval	Recovery (feet)	Sample ID	Monitoring Well Remarks
2		SM		GRAVEL/MEDIUM with sand					
4									
6				Light tan colored, caliche/sand mixture	5		1		
8				Dense Caliche, Tan, mixed with small gravel					
10				Tan colored, Caliche	6		1		
12									
14				Caliche, becoming darker with depth					
16				Reddish, Tan colored caliche	5		1		
18									
20		SM		Tan caliche mixed with coarse sand and gravel	6		1	SB-3-20	
22									
24									
26				No recovery first attempt			0		
28				No recovery second attempt			0		
30				Limestone	8		1		
32		SM		reddish Brown Sand					
34				Reddish brown sand	8		1		
36									
38									
40									
42									
44									
46									
48									
50									
52									
54									
56									
58									
60									

Cement grout with 5% bentonite.

Project Name: BJ Services Company U.S.A. (Hobbs, New Mexico)Project Number: 6240.01Sheet 2 of 2

Depth (feet)	Depth to Water	USC Soil Type	Lithology	Description	PID Readings	Sampled Interval	Recovery (feet)	Sample ID	Monitoring Well Remarks
34				Reddish brown sand	15	1			35.0
36									Top of bentonite seal at 35.0 feet.
38				Reddish Brown sand	18	1		SB-3-40	38.0
40									Top of sand filter pack at 38.0 feet.
42									41.0
44									Top of screen at 41.0 feet.
46				Attempt split spoon sample obtained about 3" sample -Reddish-brown sand 6" recovery	> 244	0.75		SB-3-45	
48									
50				Saturated reddish-brown sand	11	2			
52									
54									
56				No sample obtained		0			56.0
58									Bottom of screen at 56.0 feet.
60				No sample obtained		0			58.5
				Total depth = 60 feet					59.0
									Bottom of well at 59.0 feet.