GW - 100

PERMITS, RENEWALS, & MODS Application

2008

NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505
P: (505) 476-3440
F: (505) 476-3462

Applications, Draft Permits, Public Notices and Notification List

(NOTE: ALL DOCUMENTS POSTED IN PDF FORMAT)

Get Adobe Reader

Notification List

List of Rule 19 and WQCC Interested Parties (12/02/05)

Applications (Recently Filed and Deemed Administratively Complete.)

APPLICANT	PERMIT NUMBER (IF FOR RENEWAL)	FACILITY NAME	DATE FILED

Draft Permits and Public Notices

NOTE: FOR NEW APPLICATIONS, DRAFT PERMITS MAY NOT BE AVAILABLE UNTIL PUBLIC NOTICE PERIOD HAS EXPIRED.

SPANISH LANGUAGE PUBLIC NOTICE

SCHLUMBERGER TECHNOLOGY CORPORATION (8/26/08) Farmington Service Facility (GW-100) Draft Permit, Public Notice, Administrative Completeness

HESS CORPORATION (8/21/08) West Bravo Dome Carbon Dioxide Transmission Line (HIP-112) Draft Permit, Public Notice, Administrative Completeness

BP AMERICA PRODUCTION COMPANY (8/13/08) Gallegos Canyon Compressor Station (GW-88) Draft Permit, Public Notice, Administrative Completeness

REEF SERVICES, LLC (8/13/08) Chemical Storage Yard (GW-382) Draft Permit, Public Notice, Administrative Completeness

WILLIAMS FOUR CORNERS (8/5/08) Aztec Compressor Station (GW-155) Draft Permit, Public Notice, Administrative Completeness

PLAINS PIPELINE, L.P. (8/4/08) Plains Marketing - Hobbs Station (GW-380) Draft Permit, Public Notice, Administrative Completeness

BASIC ENERGY SERVICES, LLC (8/4/08) Eunice Service Facility (GW-378) Draft Permit, Public Notice, Administrative Completeness

BASIC ENERGY SERVICES, LLC (8/4/08) Jal Service Facility (GW-297) Draft Permit, Public Notice, Administrative Completeness

FERGUSON CONSTRUCTION COMPANY (7/31/08) Lovington Service Facility (GW-305) Draft Permit, Public Notice, Administrative Completeness

EL PASO NATURAL GAS COMPANY (7/23/08) Eunice B Compressor Station (GW-151) Draft Permit, Public Notice, Administrative Completeness

EL PASO NATURAL GAS COMPANY (7/16/08) Eunice C Compressor Station (GW-379) Draft Permit, Public Notice, Administrative Completeness

SOUTHERN UNION GAS SERVICES, LTD. (7/16/08) House Compressor Station (GW-243) Draft Permit, Public Notice, Administrative Completeness

SOUTHERN UNION GAS SERVICES, LTD. (7/16/08) AP-14 Compressor Station (GW-385) Draft Permit, Public Notice, Administrative Completeness

STATE OF NEW MEXICO
ENERGY MINERALS AND
NATURAL RESOURCES DEPARTMENT
1220 SOUTH SAINT FRANCIS DRIVE
SANTA FE, NEW MEXICO 87505

PN sent
RECEIVED
AUG 27 2009
Environmental Bureau
Oil Conservation Division

Field Supervisor
US Fish & Wildlife Service
2105 Osuna Road, Northeast
Albuquerque, NM 87113-1001

STATE OF NEW MEXICO
ENERGY MINERALS AND
NATURAL RESOURCES DEPARTMENT
1220 SOUTH SAINT FRANCIS DRIVE
SANTA FE, NEW MEXICO 87505

State Historic Preservation Officer
228 East Palace Avenue
Villa Rivera Room 101
Santa Fe, NM 87503

STATE OF NEW MEXICO
ENERGY MINERALS AND
NATURAL RESOURCES DEPARTMENT
1220 SOUTH SAINT FRANCIS DRIVE
SANTA FE, NEW MEXICO 87505

Dr. Harry Bishara
P.O. Box 748
Cuba, NM 87013

Hansen, Edward J., EMNRD

From: Hansen, Edward J., EMNRD
Sent: Tuesday, August 26, 2008 6:04 PM
To: 'FAR LEGALS'
Subject: GW100 Discharge Permit Public Notice - Farmington Daily Times
Attachments: GW100 Public Notice 8-26-08.DOC

Dear Sir or Madam:

Please publish the attached notice(s) once in the classified-legal notice section of the newspaper. The Oil Conservation Division (OCD) PO # is **52100-0000013760** and Account # 780352 (account # included for your use only). Please mail an affidavit of proof of publication for the notice. Please contact me if you have questions. Thank you.
The Oil Conservation Division appreciates the ad placement services that you provide to our agency. In order to streamline the review and approval process for newspaper ad invoices, the OCD requests that you send the original invoice with an original affidavit of proof of posting directly to the OCD requestor (contact info. usually at the bottom of e-mails or letters). This will help the proper OCD staff person responsible for the ad placement to promptly receive invoices from newspaper companies and quickly approve invoices for payment.

The OCD appreciates your cooperation and we look forward to working with you in the future. Please contact me if you have questions or need further assistance in this matter.

Edward J. Hansen
Oil Conservation Division
EMNRD
1220 S. St. Francis Dr.
Santa Fe, New Mexico 87505

505-476-3489

Hansen, Edward J., EMNRD

From: Hansen, Edward J., EMNRD
Sent: Tuesday, August 26, 2008 6:04 PM
To: 'Legals'
Subject: GW100 Discharge Permit Public Notice - SF New Mexican
Attachments: GW100 Public Notice 8-26-08.DOC

Dear Sir or Madam:

Please publish the attached notice(s) once in the classified-legal notice section of the newspaper. The Oil Conservation Division (OCD) PO # is **52100-0000013759** and Account # 56689 (account # included for your use only). Please mail an affidavit of proof of publication for the notice. Please contact me if you have questions. Thank you.
The Oil Conservation Division appreciates the ad placement services that you provide to our agency. In order to streamline the review and approval process for newspaper ad invoices, the OCD requests that you send the original invoice with an original affidavit of proof of posting directly to the OCD requestor (contact info. usually at the bottom of e-mails or letters). This will help the proper OCD staff person responsible for the ad placement to promptly receive invoices from newspaper companies and quickly approve invoices for payment.

The OCD appreciates your cooperation and we look forward to working with you in the future. Please contact me if you have questions or need further assistance in this matter.

Edward J. Hansen
Oil Conservation Division
EMNRD
1220 S. St. Francis Dr.
Santa Fe, New Mexico 87505

505-476-3489

Hansen, Edward J., EMNRD

From: Hansen, Edward J., EMNRD

Sent: Tuesday, August 26, 2008 6:03 PM

To: Thompson, Bruce C., DGF; Wunder, Matthew, DGF; Warren, Alvin, DIA; Kiger, Stephanie P, DIA; 'ddapr@nmda.nmsu.edu'; 'Linda_Rundell@nm.blm.gov'; 'psisneros@nmag.gov'; 'lsouthard@nmag.gov'; 'r@rthicksconsult.com'; 'sricdon@earthlink.net'; 'nmparks@state.nm.us'; Dantonio, John, OSE; 'sreid@nmoga.org'; Martinez, Elysia, NMENV; 'lazarus@glorietageo.com'; Stone, Marissa, NMENV; 'ron.dutton@xcelenergy.com'; 'cgarcia@fs.fed.us'; Kieling, John, NMENV; 'bsg@garbhall.com'; Olson, Bill, NMENV; 'claudette.horn@pnm.com'; 'ekendrick@montand.com'; 'staff@ipanm.org'; Williams, Chris, EMNRD; Johnson, Larry, EMNRD; Gum, Tim, EMNRD; Bratcher, Mike, EMNRD; Perrin, Charlie, EMNRD; Powell, Brandon, EMNRD; Martin, Ed, EMNRD; 'dseawright@gmail.com'; 'jharris@rwdhc.com'

Subject: GW-100 Discharge Permit Renewal - Public Notice

Attachments: GW100 Public Notice 8-26-08.pdf

Hansen, Edward J., EMNRD

From: Hansen, Edward J., EMNRD
Sent: Tuesday, August 26, 2008 6:03 PM
To: 'Jamie McFarland'
Subject: Discharge Permit (GW-100) Renewal Application Administratively Complete
Attachments: GW100 AdminCompleteLetter 8-26-08.pdf; GW100 DRAFT PERMIT 08-26-08.pdf; GW100 Public Notice 8-26-08.pdf

Dear Ms. McFarland:

The submitted discharge permit application for the Schlumberger Technology Corporation – Farmington Facility has been determined to be **administratively complete**.

I have attached the **Administratively Complete Letter**, **Draft Permit**, and **OCD Public Notice** for your records. The Administratively Complete Letter has also been sent to you via U.S. Mail.

Please see the Administratively Complete Letter for instructions for the public notice you are required to give.

Let me know if you have any questions regarding this matter.

Edward J. Hansen
Hydrologist
Environmental Bureau
505-476-3489

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 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:

(GW-100) – Schlumberger Technology Corporation, Jamie McFarland, QHSE Specialist, 3106 Bloomfield Highway, Farmington, NM 87413, has submitted a renewal application for the previously approved discharge plan (GW-100) for their Farmington Well Services District, located in the SE/4 of the SE/4 section 14, Township 29 North, Range 13 West, San Juan County, Farmington, New Mexico. Approximately 3,960 gallons of used oil, 250 used oil filters, 120 drums of non-hazardous waste, 480,000 pounds of junk cement, and 120 empty drums are generated on site annually, which are collected and temporarily stored in containment vessels prior to transport and disposal at an NMOCD approved facility. Approximately 2.5 million pounds of oilfield products are stored annually in vessels or tanks. All tanks and vessels shall be placed on impermeable pads and surrounded by lined berms or other impermeable secondary containment device having a capacity at least equal to 133% the capacity of the largest tank or vessel, or, if the tanks or vessels are interconnected, of all interconnected tanks or vessels. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 25 feet, with a total dissolved solids concentration of approximately 710 mg/L. The discharge plan addresses how oilfield products and waste will be properly handled, stored and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

The NMOCD has determined that the application is administratively complete and has prepared a draft permit. The NMOCD will accept comments and statements of interest regarding this application and will create a facility-specific mailing list 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 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.state.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 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 hearing is held, the Director will approve or disapprove the proposed permit based on information available, including 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 submitted at the hearing.

Para obtener más información sobre esta solicitud en español, sirvase comunicarse por favor: New Mexico Energy, Minerals and Natural Resources Department (Depto. Del Energia, Minerals y Recursos Naturales de Nuevo México), Oil Conservation Division (Depto. Conservacio´n 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 26st day of August 2008.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

S E A L

Mark Fesmire, Director

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

Mark Fesmire
Division Director
Oil Conservation Division

August 26, 2008

Jamie McFarland
Schlumberger Technology Corporation
3106 Bloomfield Highway.
Farmington, New Mexico 87413

Re: **DRAFT** Discharge Permit Renewal (GW-100)
Schlumberger Technology Corporation – Farmington Facility
SE/4 SE/4 Section 14, Township 29 North, Range 13 West, NMPM
San Juan County, New Mexico

Dear Ms. McFarland:

Pursuant to Water Quality Control Commission (WQCC) Regulations 20.6.2.3104 - 20.6.2.3114 NMAC, the Oil Conservation Division (OCD) hereby approves the discharge permit for the Schlumberger Technology Corporation, (owner/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 including permit fees.**

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.

The final permit should be issued in approximately 45 days. If you have any questions, please contact Edward J. Hansen of my staff at (505-476-3489) or E-mail edwardj.hansen@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,

Wayne Price
Environmental Bureau Chief

Attachments-1

xc: OCD District Office

ATTACHMENT- DISCHARGE PERMIT APPROVAL CONDITIONS

1. **Payment of Discharge Plan Fees:** All discharge permits are subject to WQCC Regulations. Every billable facility that submits a discharge permit application will be assessed a filing fee of $100.00, plus a flat fee (*see* WQCC Regulation 20.6.2.3114 NMAC). The Oil Conservation Division ("OCD") has received the required $100.00 filing fee. ***The flat fee for an oil and gas service company is $1700.00. Please submit this amount along with the signed certification item 23. Checks should be made out to the New Mexico Water Quality Management Fund.***

2. **Permit Expiration, Renewal Conditions and Penalties:** Pursuant to WQCC Regulation 20.6.2.3109.H.4 NMAC, this permit is valid for a period of five years. **The permit will expire on August 19, 2012** and an application for renewal should be submitted no later than 120 days before that expiration date. Pursuant to WQCC Regulation 20.6.2.3106.E NMAC, 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. ***Expired permits are a violation of the Water Quality Act {Chapter 74, Article 6, NMSA 1978} and civil penalties may be assessed accordingly.***

3. **Permit Terms and Conditions:** Pursuant to WQCC Regulation 20.6.2.3104 NMAC, when a permit has been issued, the owner/operator must assure that all discharges shall be consistent with the terms and conditions of the permit. In addition, all facilities shall abide by the applicable rules and regulations administered by the OCD pursuant to the Oil and Gas Act, NMSA 1978, Sections 70-2-1 through 70-2-38.

4. **Owner/Operator Commitments:** The owner/operator shall abide by all commitments submitted in its May 21, 2008 discharge plan application, including attachments and subsequent amendments and these conditions for approval. Permit applications that reference previously approved plans on file with the division shall be incorporated in this permit and the owner/operator shall abide by all previous commitments of such plans and these conditions for approval.

5. **Modifications:** WQCC Regulation 20.6.2.3107.C and 20.6.2.3109 NMAC addresses possible future modifications of a permit. The owner/operator (discharger) shall notify the OCD of any facility expansion, production increase or process modification that would result in any significant modification in the discharge of water contaminants. The Division Director may require a permit modification if any water quality standard specified at 20.6.2.3103 NMAC is being or will be exceeded, or if a toxic pollutant as defined in WQCC Regulation 20.6.2.7 NMAC is present in ground water at any place of withdrawal for present or reasonably foreseeable future use, or that the Water Quality Standards for Interstate and Intrastate streams as specified in 20.6.4 NMAC are being or may be violated in surface water in New Mexico.

6. **Waste Disposal and Storage:** The owner/operator shall dispose of all wastes at an OCD-approved facility. Only oil field RCRA-exempt wastes may be disposed of by injection in a Class II well. RCRA non-hazardous, non-exempt oil field wastes may be disposed of at an OCD-

approved facility upon proper waste determination pursuant to 40 CFR Part 261. Any waste stream that is not listed in the discharge permit application must be approved by the OCD on a case-by-case basis.

A. OCD Rule 712 Waste: Pursuant to OCD Rule 712 (19.15.9.712 NMAC) disposal of certain non-domestic waste without notification to the OCD is allowed at NMED permitted solid waste facilities if the waste stream has been identified in the discharge permit and existing process knowledge of the waste stream does not change.

B. Waste Storage: The owner/operator shall store all waste in an impermeable bermed area, except waste generated during emergency response operations for up to 72 hours. All waste storage areas shall be identified in the discharge permit application. Any waste storage area not identified in the permit shall be approved on a case-by-case basis only. The owner/operator shall not store oil field waste on-site for more than 180 days unless approved by the OCD.

7. Drum Storage: The owner/operator must store all drums, including empty drums, containing materials other than fresh water on an impermeable pad with curbing. The owner/operator must store empty drums on their sides with the bungs in place and lined up on a horizontal plane. The owner/operator must store chemicals in other containers, such as tote tanks, sacks, or buckets on an impermeable pad with curbing.

8. Process, Maintenance and Yard Areas: The owner/operator shall either pave and curb or have some type of spill collection device incorporated into the design at all process, maintenance, and yard areas which show evidence that water contaminants from releases, leaks and spills have reached the ground surface.

9. Above Ground Tanks: The owner/operator shall ensure that all aboveground tanks have impermeable secondary containment (e.g. liners and berms), which will contain a volume of at least one-third greater than the total volume of the largest tank or all interconnected tanks. The owner/operator shall retrofit all existing tanks before discharge permit renewal. Tanks that contain fresh water or fluids that are gases at atmospheric temperature and pressure are exempt from this condition.

10. Labeling: The owner/operator shall clearly label all tanks, drums, and containers to identify their contents and other emergency notification information. The owner/operator may use a tank code numbering system, which is incorporated into their emergency response plans.

11. Below-Grade Tanks/Sumps and Pits/Ponds.

A. All below-grade tanks and sumps must be approved by the OCD prior to installation and must incorporate secondary containment with leak detection into the design. The owner/operator shall retrofit all existing systems without secondary containment and leak detection before discharge permit renewal. All existing below-grade tanks and sumps without secondary containment and leak detection must be tested annually or as specified herein. Systems that have secondary containment with leak detection shall have a monthly inspection of the leak detection system to determine if the primary containment is leaking. Small sumps or depressions in

secondary containment systems used to facilitate fluid removal are exempt from these requirements if fluids are removed within 72 hours.

B. All pits and ponds, including modifications and retrofits, shall be designed by a certified registered professional engineer and approved by the OCD prior to installation. In general, all pits or ponds shall have approved hydrologic and geologic reports, location, foundation, liners, and secondary containment with leak detection, monitoring and closure plans. All pits or ponds shall be designed, constructed and operated so as to contain liquids and solids in a manner that will protect fresh water, public health, safety and the environment for the foreseeable future. The owner/operator shall retrofit all existing systems without secondary containment and leak detection before discharge permit renewal.

C. The owner/operator shall ensure that all exposed pits, including lined pits and open top tanks (8 feet in diameter or larger) shall be fenced, screened, netted, or otherwise rendered non-hazardous to wildlife, including migratory birds.

D. The owner/operator shall maintain the results of tests and inspections at the facility covered by this discharge permit and available for OCD inspection. The owner/operator shall report the discovery of any system which is found to be leaking or has lost integrity to the OCD within 15 days. The owner/operator may propose various methods for testing such as pressure testing to 3 pounds per square inch greater than normal operating pressure and/or visual inspection of cleaned tanks and/or sumps, or other OCD-approved methods. The owner/operator shall notify the OCD at least 72 hours prior to all testing.

12. Underground Process/Wastewater Lines:

A. The owner/operator shall test all underground process/wastewater pipelines at least once every five (5) years to demonstrate their mechanical integrity, except lines containing fresh water or fluids that are gases at atmospheric temperature and pressure. Pressure rated pipe shall be tested by pressuring up to one and one-half times the normal operating pressure, if possible, or for atmospheric drain systems, to 3 pounds per square inch greater than normal operating pressure, and pressure held for a minimum of 30 minutes with no more than a 1% loss/gain in pressure. The owner/operator may use other methods for testing if approved by the OCD.

B. The owner/operator shall maintain underground process and wastewater pipeline schematic diagrams or plans showing all drains, vents, risers, valves, underground piping, pipe type, rating, size, and approximate location. All new underground piping must be approved by the OCD prior to installation. The owner/operator shall report any leaks or loss of integrity to the OCD within 15 days of discovery. The owner/operator shall maintain the results of all tests at the facility covered by this discharge permit and they shall be available for OCD inspection. The owner/operator shall notify the OCD at least 72 hours prior to all testing.

13. Class V Wells: The owner/operator shall close all Class V wells (e.g., septic systems, leach fields, dry wells, etc.) that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes unless it can be demonstrated that ground water will not be impacted in the reasonably foreseeable future. Leach fields and other wastewater disposal systems at OCD-regulated facilities that 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 (NMED).

14. Housekeeping: The owner/operator shall inspect all systems designed for spill collection/prevention and leak detection at least monthly to ensure proper operation and to prevent over topping or system failure. All spill collection and/or secondary containment devices shall be emptied of fluids within 72 hours of discovery. The owner/operator shall maintain all records at the facility and available for OCD inspection.

15. Spill Reporting: The owner/operator shall report all unauthorized discharges, spills, leaks and releases and conduct corrective action pursuant to WQCC Regulation 20.6.2.1203 NMAC and OCD Rule 116 (19.15.3.116 NMAC). The owner/operator shall notify both the OCD District Office and the Santa Fe Office within 24 hours and file a written report within 15 days.

16. OCD Inspections: The OCD may place additional requirements on the facility and modify the permit conditions based on OCD inspections.

17. Storm Water: The owner/operator shall implement and maintain run-on and runoff plans and controls. The owner/operator shall not discharge any water contaminant that exceeds the WQCC standards specified in 20.6.2.3101 NMAC or 20.6.4 NMAC (Water Quality Standards for Interstate and Intrastate Streams) including any oil sheen in any stormwater run-off. The owner/operator shall notify the OCD within 24 hours of discovery of any releases and shall take immediate corrective action(s) to stop the discharge.

18. Unauthorized Discharges: The owner/operator shall not allow or cause water pollution, discharge or release of any water contaminant that exceeds the WQCC standards listed in 20.6.2.3101 NMAC or 20.6.4 NMAC (Water Quality Standards for Interstate and Intrastate Streams) unless specifically listed in the permit application and approved herein. ***An unauthorized discharge is a violation of this permit.***

19. Vadose Zone and Water Pollution: The owner/operator shall address any contamination through the discharge permit process or pursuant to WQCC 20.6.2.4000-.4116 NMAC (Prevention and Abatement of Water Pollution). The OCD may require the owner/operator to modify its permit for investigation, remediation, abatement, and monitoring requirements for any vadose zone or water pollution. Failure to perform any required investigation, remediation, abatement and submit subsequent reports will be a violation of the permit.

20. Additional Site Specific Conditions: N/A

21. Transfer of Discharge Permit: Pursuant to 20.6.2.3111 NMAC, prior to any transfer of ownership, control, or possession (whether by lease, conveyance or otherwise) of a facility with a discharge permit, the transferor shall notify the transferee in writing of the existence of the discharge permit, and shall deliver or send by certified mail to the department a copy of such written notification, together with a certification or other proof that such notification has in fact been received by the transferee.

Upon receipt of such notification, the transferee shall have the duty to inquire into all of the provisions and requirements contained in such discharge permit, and the transferee shall be charged with notice of all such provisions and requirements as they appear of record in the department's file or files concerning such discharge permit. The transferee (new owner/operator) shall sign and return an original copy of these permit conditions and provide a written commitment to comply with the terms and conditions of the previously approved discharge permit.

22. Closure Plan and Financial Assurance: Pursuant to 20.6.2.3107 NMAC an owner/operator shall notify the OCD when any operations of the facility are to be discontinued for a period in excess of six months. Prior to closure, or as a condition of this permit, or request from the OCD, the operator will submit an approved closure plan, modified plan, and/or provide adequate financial assurance.

23. Certification: (Owner/Operator), by the officer whose signature appears below, accepts this permit and agrees to comply with all submitted commitments, including these terms and conditions contained here. **Owner/Operator** further acknowledges that the OCD may, for good cause shown, as necessary to protect fresh water, public health, safety, and the environment, change the conditions and requirements of this permit administratively

Conditions accepted by: "I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment."

_____
Company Name- print name above

_____
Company Representative- print name

_____
Company Representative- Signature

Title_____

Date:_____

New Mexico Energy, Minerals and Natural Resources Department

Bill Richardson
Governor

Joanna Prukop
Cabinet Secretary
Reese Fullerton
Deputy Cabinet Secretary

Mark Fesmire
Division Director
Oil Conservation Division

August 26, 2008

Jamie McFarland
Schlumberger Technology Corporation
3106 Bloomfield Highway
Farmington, New Mexico 87413

RE: Discharge Permit (GW-100) Renewal
Schlumberger Technology Corporation – Farmington Facility
San Juan County, New Mexico
Determination of Administratively Complete

Dear Ms. McFarland:

The New Mexico Oil Conservation Division (OCD) has received the Schlumberger Technology Corporation application, dated May 21, 2008, to renew the discharge permit, GW-100, for the Schlumberger Technology Corporation – Farmington Facility in the SE/4 of the SE/4 of Section 14, Township 29 North, Range 13 West, NMPM, San Juan County, New Mexico. The application was received on May 23, 2008, and the filing fee was received on May 23, 2008. The application and a follow-up correspondence, which proposed the newspaper to publish the public notice, provided the required information in order to deem the application "administratively" complete.

Now that the submittal is deemed "administratively" complete, the New Mexico Water Quality Control Commission regulations (WQCC) public notice requirements of 20.6.2.3108 NMAC must be satisfied and demonstrated to the OCD. The OCD hereby approves your submitted draft version of the public notice for translation into Spanish and publication in the specified newspaper in both English and Spanish.

The public notice must be given no later than September 28, 2008. Once the notice has been given, then please submit to the OCD within 15 days of public notice:

1) proof that the notice was published in the newspaper in both English and Spanish (affidavit of publication from the newspaper) (the notice must be published as a **display ad** and not in the legal or classified ad section) and
2) proof that the notice was sent via certified mail to each landowner [signed certified mail receipt (green card) by each landowner – *this is not required if you are the landowner*].

If you have any questions regarding this matter, please do not hesitate to contact me at (505) 476-3489 or edwardj.hansen@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 renewal review.

Sincerely,

Edward J. Hansen
Hydrologist
Environmental Bureau

EJH:ejh

Hansen, Edward J., EMNRD

From: Jamie McFarland [JMcfarland@farmington.oilfield.slb.com]
Sent: Tuesday, August 26, 2008 10:44 AM
To: Hansen, Edward J., EMNRD

Attachments: scan0010.jpg

scan0010.jpg (443 KB)

Edward,

Here is the changed page in the contigency plan that you also wanted me to change.

Thank You,

Jamie McFarland
Schlumberger Well Services
Farmington, NM

505-325-5096

the failure occurred;

- The corrective actions and/or countermeasures taken, including a description of equipment repairs and/or replacement;
- Any other preventive measures taken or planned to minimize the possibility of recurrence; and
- Other information the EPA Regional Office may require.

A copy of all information provided to the EPA Regional Office under these circumstances is also required to be sent at the same time to the appropriate state authority.

5.1.4 Correspondence Addresses

All written notifications, follow up reports, and any other correspondence related to the on-site incident reported under the conditions as outlined in Sections 5.1.1, 5.1.2, and 5.1.3 must be send to the following addresses:

SPCC/FRP Coordinator U.S. EPA Region 6 (6SF-RP) 1445 Ross Avenue Dallas, Texas 75202-2733	NMED New Mexico Environment Department P.O. Box 26110 1190 St. Francis Drive Albuquerque, New Mexico 84050	

5.1.5 Reportable Quantities

The owner, operator, or person in charge of any facility where a discharge has occurred must provide notification such release to the New Mexico Environment Department. Any amount of any material in such quantity as may with reasonable probability injure or be detrimental to human health, animal or plant life, or property, or may unreasonably interfere with public welfare or the use of property. This includes chemical, biohazardous, petroleum-product, and sewage spills, the discovery of evidence of previous unauthorized discharges, such as contaminated soil or ground water, also must be reported. Schlumberger will contact the New Mexico Oil Conservation Division in accordance with Rule 116 (19.15.3.116 NMAC) regarding the reporting of a release.

5.2 Plan Certification, Review, and Amendment

To satisfy requirements of 40 CFR 112.3(d), an SPCC plan must be reviewed and certified by a licensed professional engineer (see Section 1.5 of this Plan). All subsequent reviews and amendments of this Plan will be documented in Attachment 16. The requirements for such are as follows:

1. Per requirements of 40 CFR 112.4(a), whenever an oil spill of over 1,000 gallons occurs or if two (2) oil spills of more than 42 gallons each occur in any twelve (12) month period, a written report must be submitted within 60 days to the EPA Regional Office, with a copy sent to the State Authority in charge of oil pollution

Hansen, Edward J., EMNRD

From: Hansen, Edward J., EMNRD
Sent: Tuesday, August 26, 2008 9:26 AM
To: 'Jamie McFarland'
Subject: RE: Discharge Permit

Jamie,
The Public Notice looks good, but I did not receive the .jpg document (I assume it was regarding the release notification to OCD).

-----Original Message-----
From: Jamie McFarland [mailto:JMcfarland@farmington.oilfield.slb.com]
Sent: Monday, August 25, 2008 10:44 AM
To: Hansen, Edward J., EMNRD
Subject: Discharge Permit

Edward,

Here are the modifications that you requested for the discharge permit. Let me know if I can help you with anything else.

Thank You

Jamie McFarland
Schlumberger Well Services
Farmington, NM

505-325-5096

d:\documents\mail\attach\scan0010.jpg

Public Notice

Schlumberger Technology Corporation, Jamie McFarland, QHSE Specialist, 3106 Bloomfield Highway, Farmington, NM 87413, has submitted a renewal application for the previously approved discharge plan (GW-100) for their Farmington Well Services District, located in the SE/4 of the SE/4 section 14, Township 29 North, Range 13 West, San Juan County, Farmington, New Mexico. Approximately 3,960 gallons of used oil, 250 used oil filters, 120 drums of non-hazardous waste, 480,000 pounds of junk cement, and 120 empty drums are generated on site annually, which are collected and temporarily stored in containment vessels prior to transport and disposal at an NMOCD approved facility. Approximately 2.5 million pounds of oilfield products are stored annually in vessels or tanks. All tanks and vessels shall be placed on impermeable pads and surrounded by lined berms or other impermeable secondary containment device having a capacity at least equal to 133% the capacity of the largest tank or vessel, or, if the tanks or vessels are interconnected, of all interconnected tanks or vessels. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 25 feet, with a total dissolved solids concentration of approximately 710 mg/L. The discharge plan addresses how oilfield products and waste will be properly handled, stored and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water. Any interested person may obtain information, submit comments or request to be placed on a facility specific mailing list for future notices by contacting Edward J. Hansen at the New Mexico OCD at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3489. 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.

(This public notice is proposed to be published in the *Farmington Daily Times*.)

Hansen, Edward J., EMNRD

From: Hansen, Edward J., EMNRD
Sent: Thursday, August 21, 2008 1:51 PM
To: 'Jamie McFarland'
Subject: RE: Discharge Permit (GW-100)

Jamie,
Please submit the information requested below to the OCD Santa Fe Office within 10 days.
Thanks.

From: Hansen, Edward J., EMNRD
Sent: Thursday, August 21, 2008 11:32 AM
To: 'Jamie McFarland'
Subject: RE: Discharge Permit (GW-100)

Dear Jamie,

Thank you for submitting the application for renewal of your discharge permit (GW-100). I just need a couple of items prior to deeming the application complete:

1) In the "Contingency Plan for Reporting and Clean up of Spills or Releases" on page 5-3, please indicate that Schlumberger will contact the New Mexico Oil Conservation Division in accordance with Rule 116 (19.15.3.116 NMAC) regarding the reporting of a release to replace "New Mexico has not established reportable quantities; therefore, the federal reportable quantities in 40 CFR 302/370 apply (www.regulations.gov)". In addition, in accordance with 20.6.2.1203 NMAC it is not required to report a release to the New Mexico Environment Department under this discharge permit.

2) In the "Public Notice", please indicate that all tanks shall be placed on impermeable pads and surrounded by lined berms or other impermeable secondary containment device having a capacity at least equal to one and one-third times the capacity of the largest tank, or, if the tanks are interconnected, of all interconnected tanks to replace the 110% of the volume of the largest vessel. This is Condition #6 of your current permit.

If you have any questions regarding this matter, please call me at 505-476-3489.

Edward J. Hansen
Hydrologist
Environmental Bureau

-----Original Message-----
From: Jamie McFarland [mailto:jmcfarland@farmington.oilfield.slb.com]
Sent: Thursday, June 05, 2008 11:52 AM
To: Hansen, Edward J., EMNRD
Subject: Discharge Permit

Edward,

Here is the public notice. If there is anything wrong with it or I need to add anything else please let me know. Also please let me know if we have to put it in the Daily Times of if you will do that and when should we put it in.

Thank You,

Jamie McFarland
Schlumberger Well Services
Farmington, NM

505-325-5096
505-486-0337

Public Notice

Schlumberger Technology Corporation, Jamie McFarland, QHSE Specialist, 3106 Bloomfield Highway, Farmington, NM 87413, has submitted a renewal application for the previously approved discharge plan (GW-100) for their Farmington Well Services District, located in the SE/4 of the SE/4 section 14, Township 29 North, Range 13 West, San Juan County, Farmington, New Mexico. Approximately 3,960 gallons of used oil, 250 used oil filters, 120 drums of non-hazardous waste, 480,000 pounds of junk cement, and 120 empty drums are generated on site annually, which are collected and temporarily stored in containment vessels prior to transport and disposal at an NMOCD approved facility. Approximately 2.5 million pounds of oilfield products are stored annually in vessels contained in cement floored and diked areas approved to contain 110% of largest vessel in contained area. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 25 feet, with a total dissolved solids concentration of approximately 710 mg/L. The discharge plan addresses how oilfield products and waste will be properly handled, stored and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water. Any interested person may obtain information, submit comments or request to be placed on a facility specific mailing list for future notices by contacting Edward J. Hansen at the New Mexico OCD at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3489. 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.

(This public notice is proposed to be published in the *Farmington Daily Times*.)

Hansen, Edward J., EMNRD

From: Jamie McFarland [jmcfarland@farmington.oilfield.slb.com]
Sent: Thursday, June 05, 2008 11:52 AM
To: Hansen, Edward J., EMNRD
Subject: Discharge Permit

Attachments: Public Notice.doc

Public Notice.doc
(25 KB)

Edward,

Here is the public notice. If there is anything wrong with it or I need to add anything else please let me know. Also please let me know if we have to put it in the Daily Times of if you will do that and when should we put it in.

Thank You,

Jamie McFarland
Schlumberger Well Services
Farmington, NM

505-325-5096
505-486-0337

May 21, 2008

Mr Edward Hansen
State of New Mexico
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Dear Mr. Hansen,

Enclosed is our renewal application for Ground Water Discharge Permit GW-100 for the Schlumberger Technology Corporation's Farmington Facility. The required check for the application fee in the amount of $100.00 is attached.

One copy of this application has been kept at the Farmington facility. If you have any questions regarding this application, please feel free to contact me at 505-325-5096.

Thank You,

Jamie McFarland
QHSE Coordinator

Jamie McFarland

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. _____ dated 5/22/08

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

from Wayne P. Allen

for GW-100

Submitted by: Lawrence Romero Date: 6/4/08

Submitted to ASD by: Lawrence Romero Date: 6/4/08

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 _____

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: Oilfield - Cementing, Acidizing and Fracturing Services
2. Operator: Schlumberger Technology Corporation
   Address: 3106 Bloomfield Highway, Farmington, NM 87413
   Contact Person: Jamie McFarland Phone: 505-599-1746
3. Location: SE /4 SE /4 Section 14 Township 29 N Range 13 W
   Submit large scale topographic map showing exact location.

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

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

Name: Jamie McFarland Title: QHSE Cordinator

Signature: Jamie McFarland Date: 5-21-08

E-mail Address: jmcfarland@farmington.oilfield.slb.com

IV. Name, Telephone Number and Address of Facility Landowner

The Schlumberger Facility is located on land owned by Schlumberger in an area zoned for Commercial use.

Schlumberger Technologies Corporation
3106 Bloomfield Highway
Farmington, NM 87401

505-325-5096

V. Description of Facility with Diagram of Fences, Tanks and Storage on the Facility

SITE DESCRIPTION AND HISTORY

Schlumberger Well Services owns and operates a facility located at 3106 Bloomfield Highway in the city of Farmington, San Juan County, New Mexico. Figure 1 shows the site plan of the facility. The 11.6 acre facility was built in 1958 as a base for oilfield service operations. Prior to development, the land was under cultivation as an apple orchard. There have been some changes to the facility since the last application for renewal in 1997. The office was rebuilt as a larger building to replace the existing offices (there were two offices, one to the north and one to the south near Bloomfield Highway).

The facility currently includes one office building, a five-bay vehicle maintenance shop, one bulk plant warehouse for dry chemical storage, and bulk storage containers for sand, cement and hydrochloric acid. Directly to the east of the bulk plant warehouse is a tote storage revetment for liquid chemical storage. An existing slurry gel plant which included an above ground diesel storage tank has been removed from service and replaced with a slurry tank to receive product from vendors. This tank is just north of the bulk plant warehouse in a revetment.

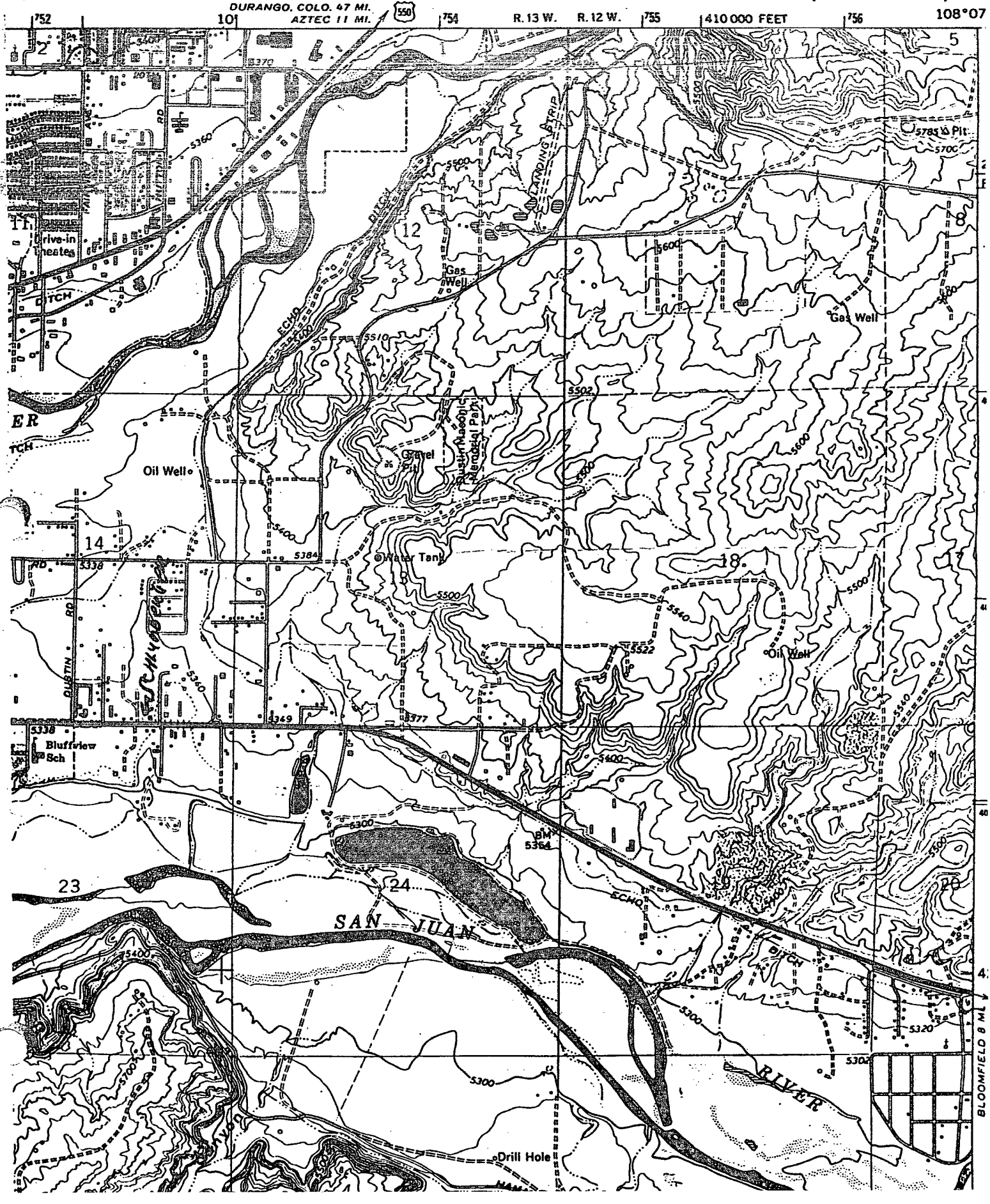
The facility originally obtained its water from a 100 foot industrial well drilled in 1959 northwest of the shop. Two septic systems handled sewage from the offices and wash room in the shop. Water from the wash bays was routed through an oil water separator and then discharged into an open ditch along the southeast side of the property.

Municipal water and sewers were extended to the area in 1978. The Schlumberger facility as well as other properties in the area are now connected to municipal utilities. Schlumberger quit using the water well and both septic systems in 1978. The well and the septic systems have been plugged or removed in 1994 and 1995. Water and sewer lines not shown on the site plan are present beneath Bloomfield Highway adjacent to the south side of the facility.

The Schlumberger facility is located on land owned by Schlumberger in an area zoned for commercial use. It is bordered on the east by several commercial properties, on the south by U.S. Highway 64, on the west by a construction company yard and on the north by a residential area containing modular and mobile homes.

BP Amoco operates a gas well on the northern part of the property and a Dehydration unit is on the northeast corner of the property. The well produces natural gas from the Dakota Sandstone formation from depths between 5768 and 5910 feet below the surface.

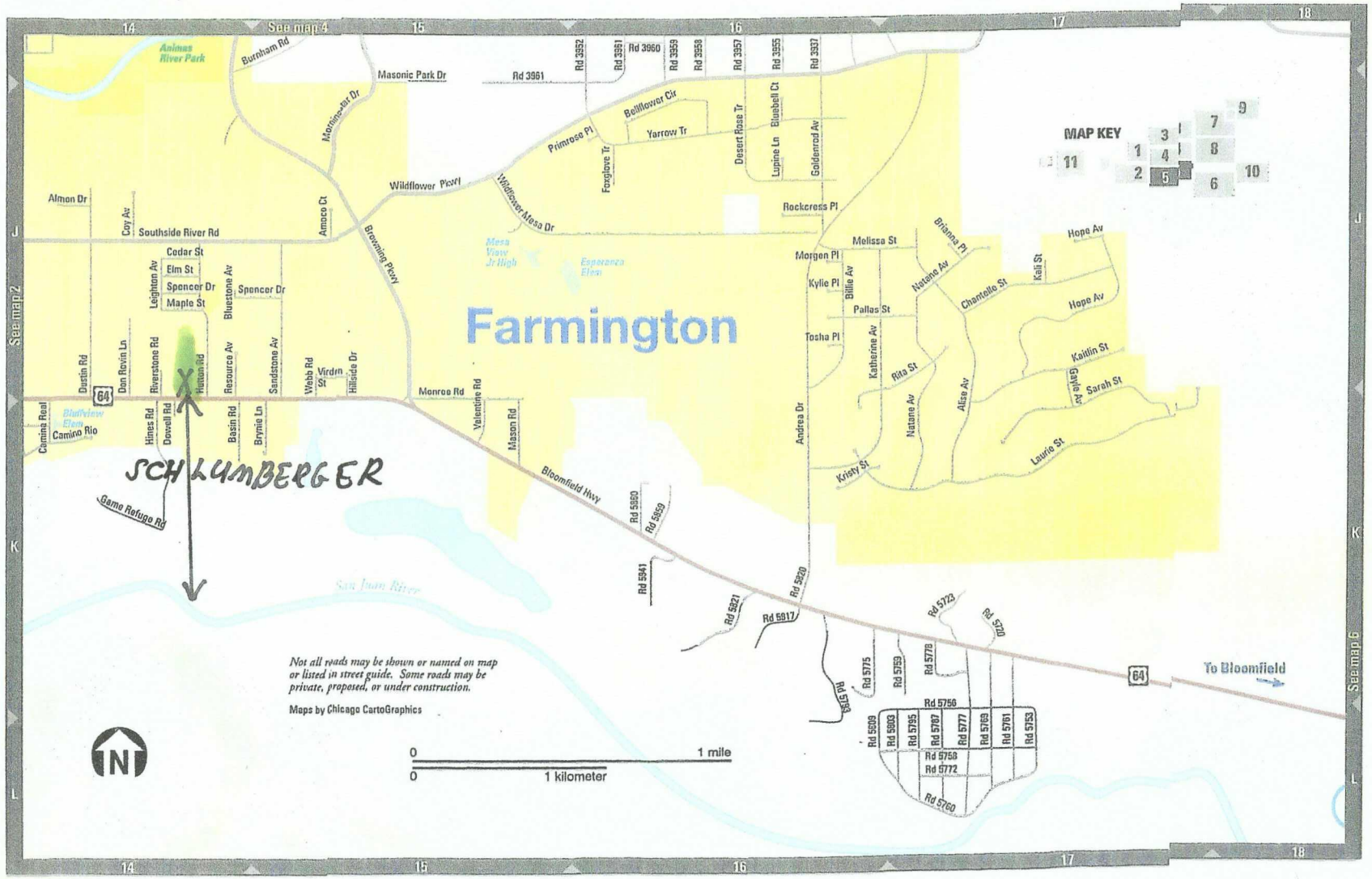
FARMINGTON SOUTH QUADRANGLE
NEW MEXICO—SAN JUAN CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

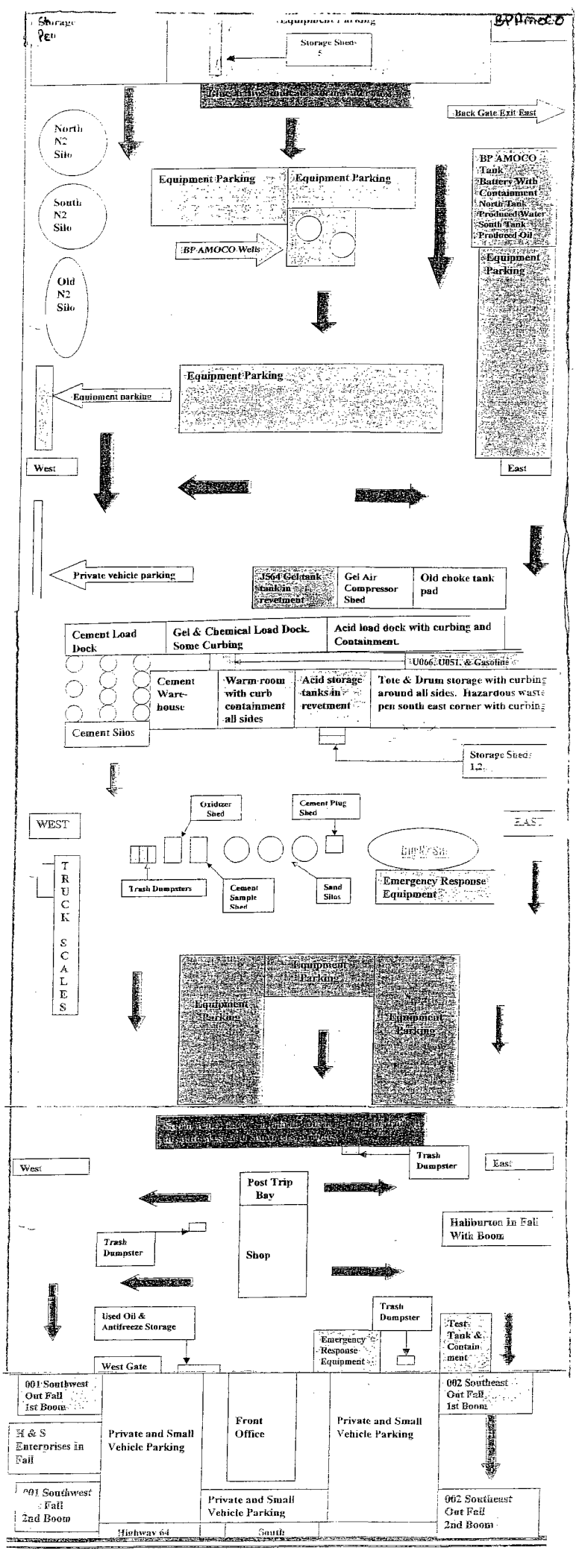


PAGE* 4

NOTE: ALL STORMWATER GOES TO CITY DRAINS. CLOSEST RECEIVING WATER WOULD BE SAN JUAN RIVER.

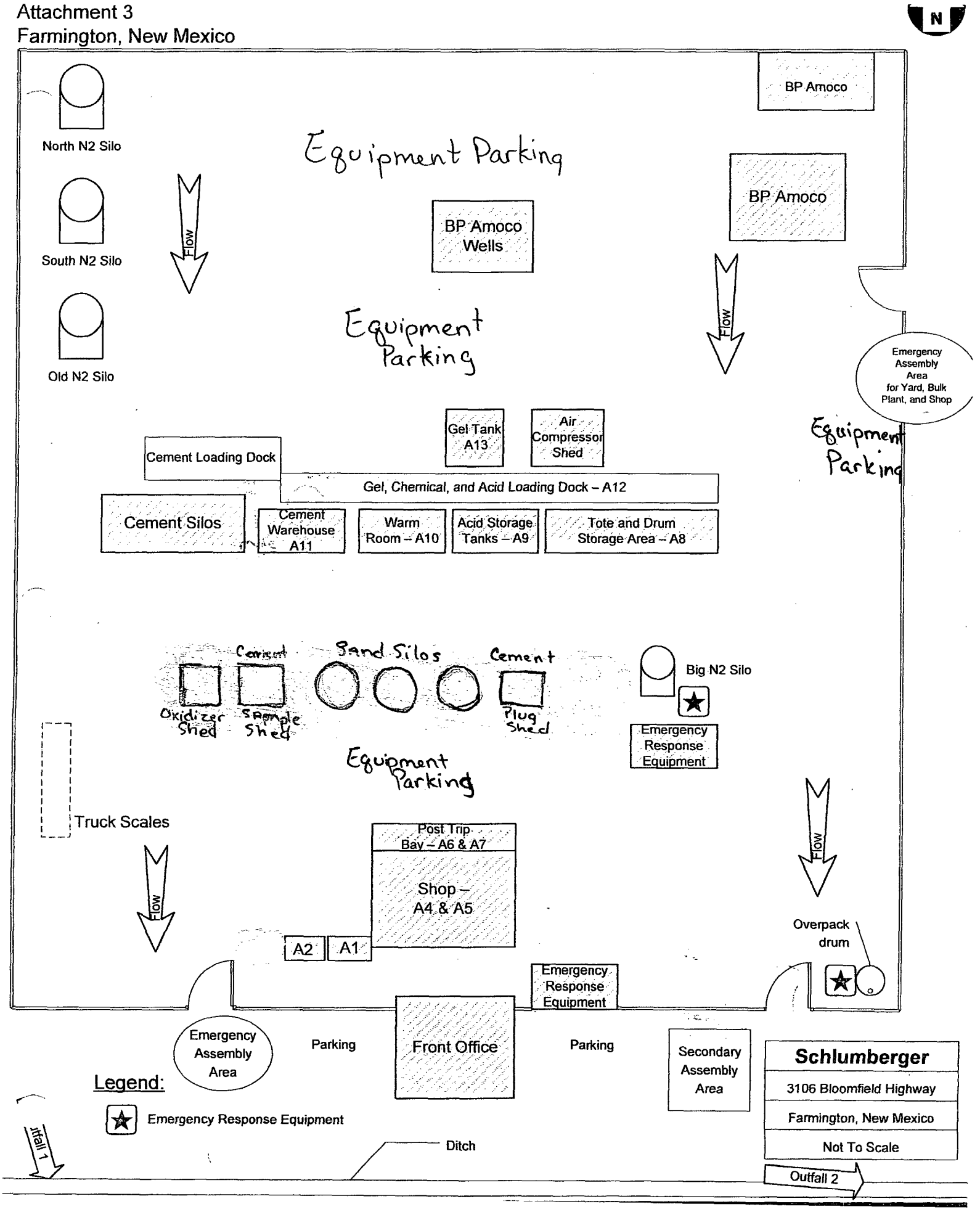
Farmington Area Street Map 5




BP/Amoco
Storage Pen
Storage Shed 5
Back Gate Exit East
North N2 Silo
South N2 Silo
Old N2 Silo
Equipment Parking
Equipment Parking
BP AMOCO Wells
BP AMOCO Tank Battery With Containment
North Tank Produced Water
South Tank Produced Oil
Equipment Parking
Equipment parking
Equipment Parking
West
East
Private vehicle parking
J564 Gel tank tank in revetment
Gel Air Compressor Shed
Old choke tank pad
Cement Load Dock
Gel & Chemical Load Dock. Some Curbing
Acid load dock with curbing and Containment.
U066, U051, & Gasoline
Cement Ware-house
Warm room with curb containment all sides
Acid storage tanks in revetment
Tote & Drum storage with curbing around all sides. Hazardous waste pen south east corner with curbing
Cement Silos
Storage Shed 12
WEST
EAST
Oxidizer Shed
Cement Plug Shed
Trash Dumpsters
Cement Sample Shed
Sand Silos
Emergency Response Equipment
TRUCK SCALES
Equipment Parking
Equipment Parking
Equipment Parking
Trash Dumpster
West
East
Post Trip Bay
Shop
Haliburton In Fall With Boom
Trash Dumpster
Used Oil & Antifreeze Storage
Trash Dumpster
Emergency Response Equipment
Test Tank & Contain ment
West Gate
001 Southwest Out Fall 1st Boom
H & S Enterprises in Fall
Private and Small Vehicle Parking
Front Office
Private and Small Vehicle Parking
002 Southeast Out Fall 1st Boom
001 Southwest Out Fall 2nd Boom
Private and Small Vehicle Parking
002 Southeast Out Fall 2nd Boom
Highway 64
South

NOT TO Scale

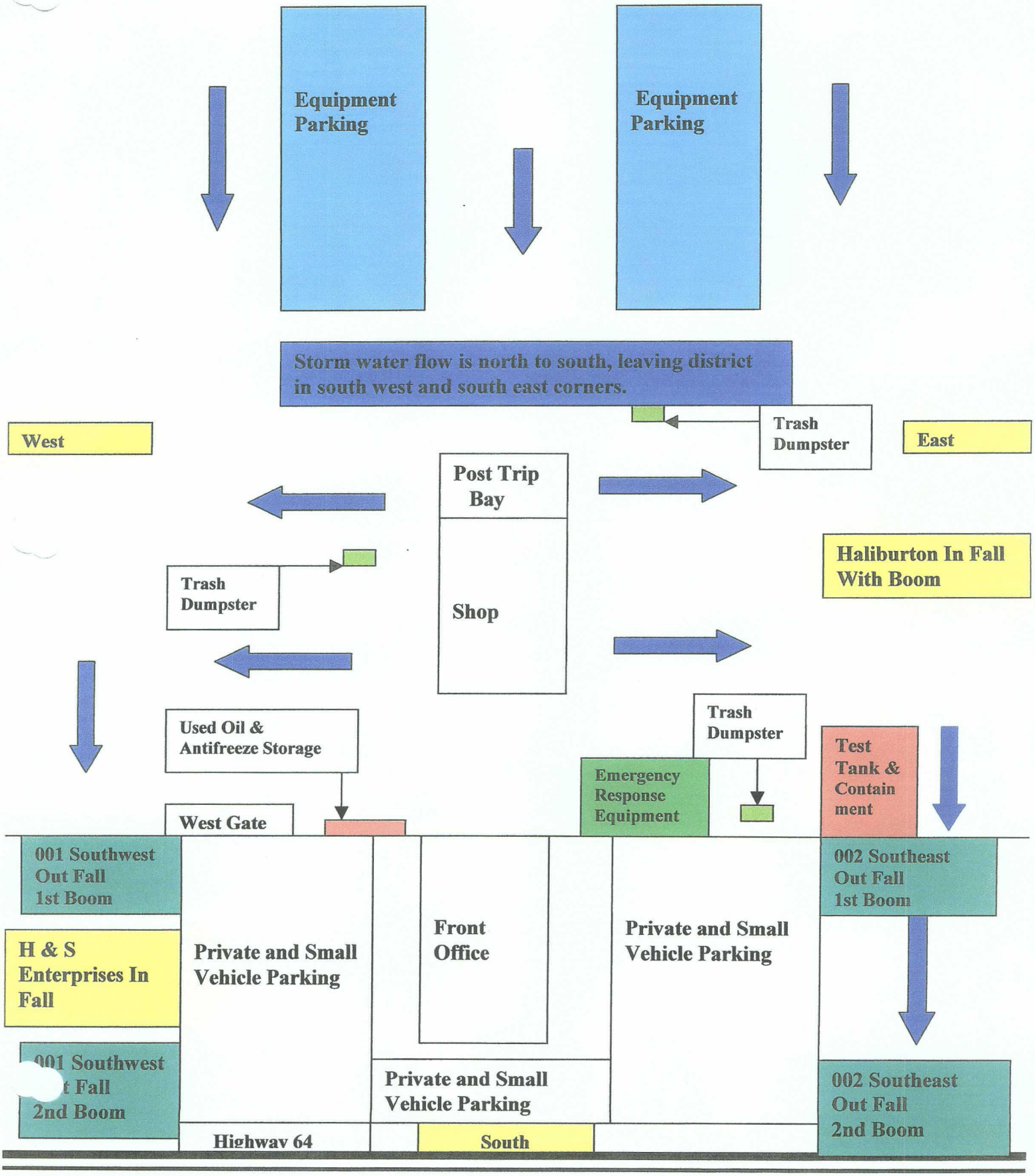
Attachment 3
Farmington, New Mexico



Farmington, NM Storm Water Flow Chart Page 1

North

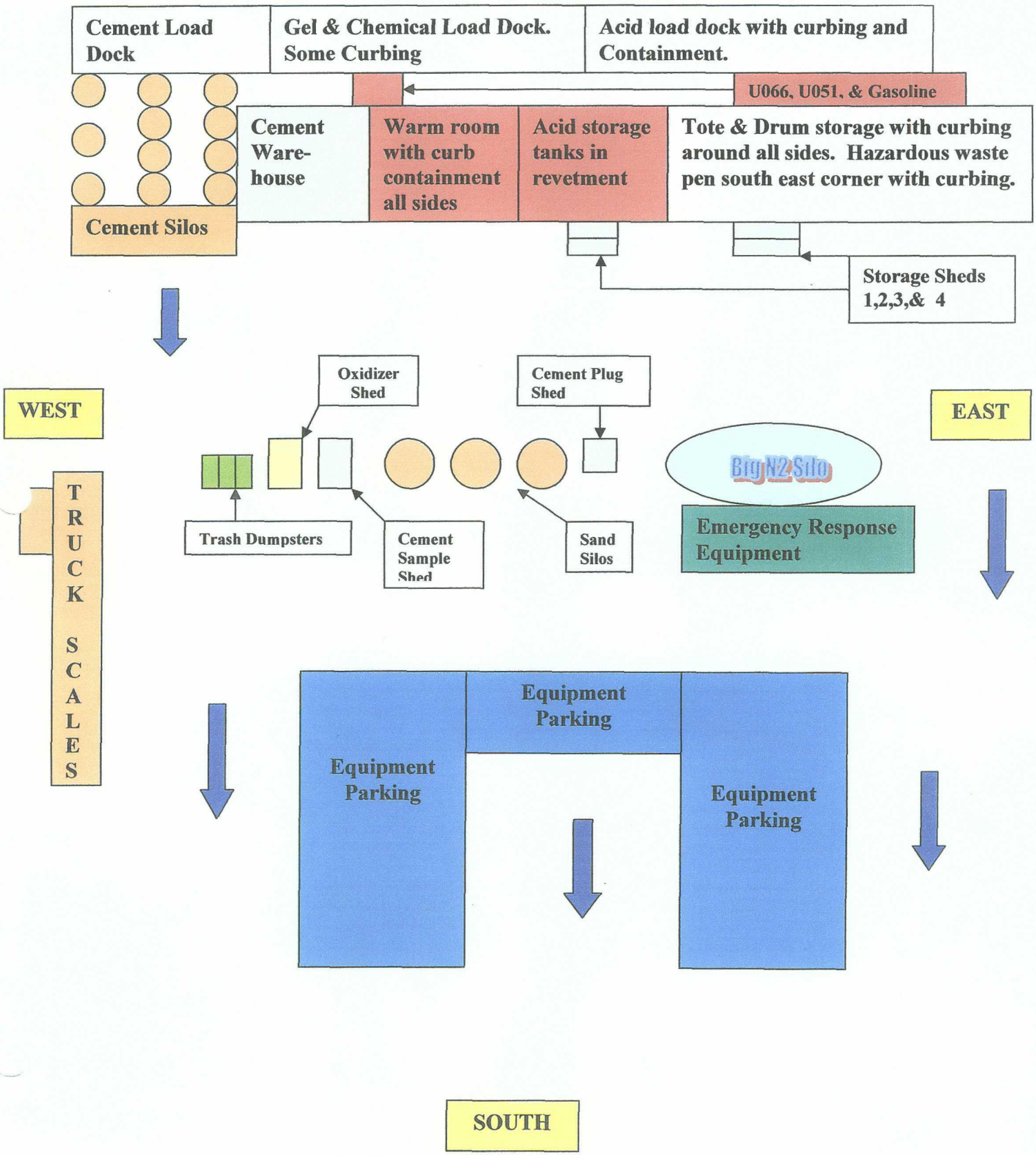
Up Dated 6/21/2006



Farmington, NM Storm Water Flow Chart Page 2

NORTH

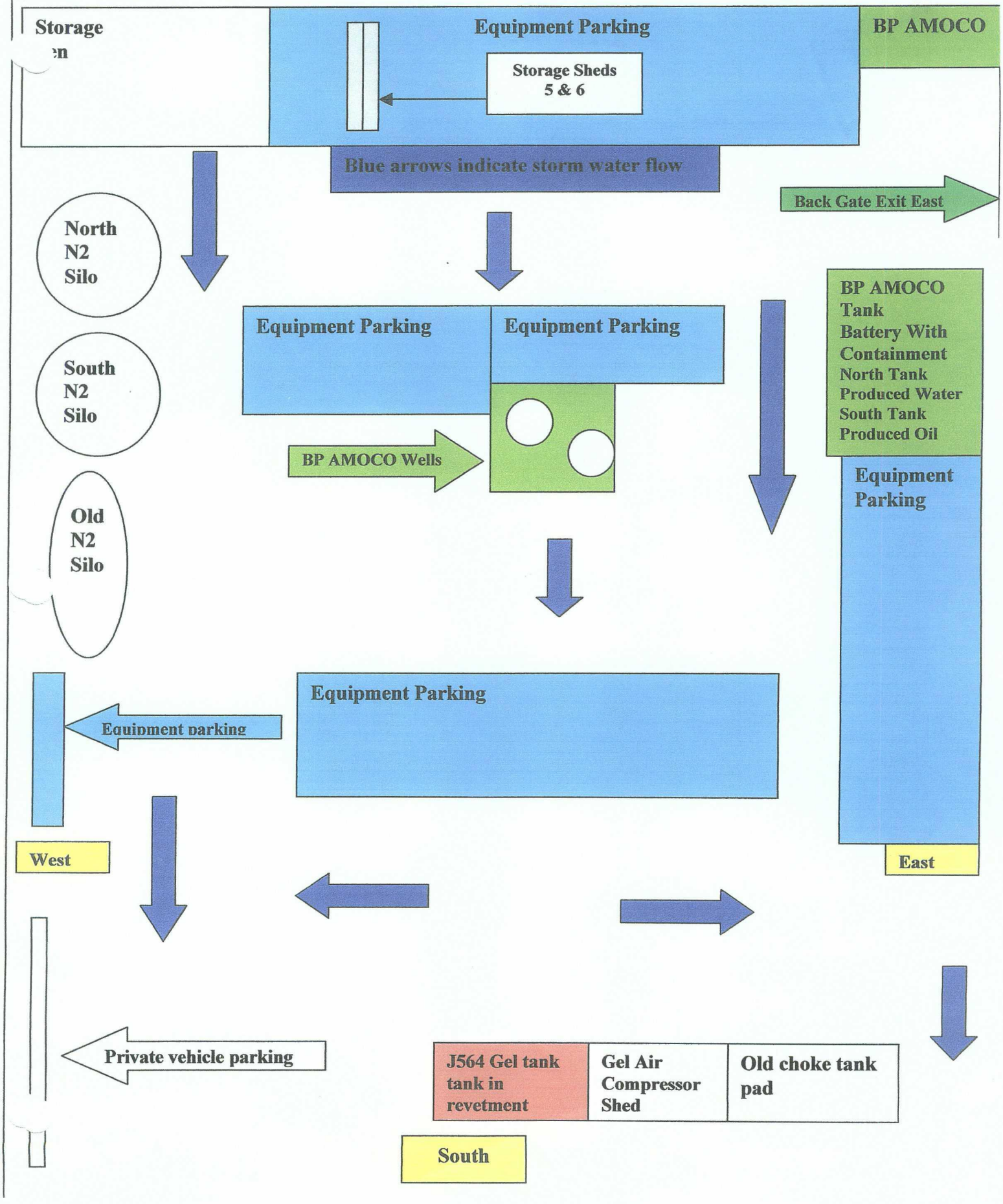
Updated 9/27/2007



Farmington, NM Storm Water Flow Chart Page 3

North

Up Dated 6/21/2006



VI. Description of all Materials Stored and Used at the Facility

Material Stored At Facility

A261 Inhibitor
A272 Corrosion Inhibitor
B069 Biocide
B145 Friction Reducer
B175 Low-Temperature Solid Dispersant
B290 Lost circulation Material
D013 Retarder
D020 Bentonite Extender
D024 Gilsonite Extender
D029 Cellophane Flakes
D044 Granulated Sodium Chloride
D046 Antifoam Agent
D047 Antifoam Agent
D048 LITEPOZ 6 Extender
D049 Cement, TXI LITEWEIGHT
D065 TIC Dispersant
D079 Chemical Extender
D112 FLAC Fluid Loss Additive
D122A Chemical Wash Concentrate
D124 LITEFIL Extender
D145A Liquid Dispersant, LT
D153 Antisetting Agent
D154 Extender, LT
D163 Cement, Microfine
D167 UNIFLAC-S
D198 Wide Temperature Range Retarder
D202 Low-temperature Solid Dispersant
D400 Gas Migration Prevention Additive
D500 GASBLOK LT
D903 Cement, Class C
D907 Cement, Class G
F003 Isopropyl Alcohol
F103 Surfactant, EZEFLO
F104 Foaming Agent
F105 Surfactant, Multifunctional
H036 Acid, Hydrochloric 36%
J218 Breaker
J318 Breaker, LT
J473 Coalbed Methane Additive
J475 Breaker, EB-CLEAN
J479 Encapsulated Breaker
J501 PROPNET ™ II Additive
J516 FLOSAVER NF
J532 Crosslinker, Borate
J564 Slurry Guar, Environmentally
J567 Encapsulated Breaker, ClearFrac
J589 Rheology Modifier
J590 Gelling Agent
K046 Methanol
L036 Formic Acid
L055 Clay Stabilizer
L058 Iron Stabilizer
L064 Clay Stabilizer
M003 Soda Ash
N002 Nitrogen
S001 Calcium Chloride 77%
S020 Sand 20-40 Mesh
S022 Sand, 40-70 Mesh
U028 Oil Gelling Agent
U042 Iron Chelating Agent
U051 Diesel
U066 FREFLO EB Miscible Solvent
W054 Non-emulsifying Agent
XE913 Developmental Foamer

Shop Material Storage

Motor Oil
Antifreeze
Gear Oil
Transmission Oil
Hydraulic Oil

Chemical Code	Max Daily Amt	Max Avg Amt	UOM	Days On Site	Storage (Location) Codes
Facility ID: 38					
N002	1,175,530.90	935,813.10	LB	365	A27(N1), A27(N2), P27(N2T), A27(N3), A27(N4)
S020-002	598,520.00	300,000.00	LB	333	H14(SS1), H14(SS3)
D907	535,930.00	282,000.00	LB	365	H14(BP1), H14(BP2), H14(BP3)
H036	148,168.40	87,718.10	LB	365	A14(Hcl16)
D049	146,810.00	90,121.00	LB	365	H14(BP5)
D048	114,000.00	70,000.00	LB	365	H14(BP6)
S022	110,100.00	95,277.80	LB	365	H14(SS3)
D903	102,648.00	52,847.20	LB	365	H14(BP1), H14(BP7)
D024	86,090.00	40,000.00	LB	365	H14(BP4)
J564	82,931.80	52,596.80	LB	365	A14(SGM)
F104	64,847.30	48,792.50	LB	365	O14(DBNE)
D124	62,268.00	32,000.00	LB	365	J14(CWN), J14(PB), J14(PB2)
B145	61,882.80	42,436.40	LB	365	O14(DASE), O14(WRN)
F103	49,442.00	33,235.80	LB	365	O14(DBNE), O14(WRSW)
J508W	38,798.50	21,129.40	LB	273	O14(CWNE), O14(DBNW)
J590	31,625.30	12,660.10	LB	275	O14(CWNE), O14(DBS)
J551A	31,622.80	7,892.40	LB	60	O14(CWN), O14(DBSE)
F105	30,329.20	17,098.60	LB	365	O14(DBNE), O14(WRNW)
J589	29,778.60	18,503.80	LB	275	O14(CWN), O14(DBSE)
D020	24,264.00	13,500.00	LB	365	J14(CWNW)
XE913	22,700.00	14,432.20	LB	365	O14(CWNE), O14(DBNW)
J551	18,111.00	8,806.20	LB	58	O14(CWN)
D154	15,118.00	10,836.60	LB	365	J14(CWNE), J14(PB5)
U066	13,848.60	8,631.90	LB	365	O14(CWNEO), O14(DBN)
S001	13,829.00	9,736.10	LB	365	J14(CWSW)
J501	13,800.00	9,247.60	LB	365	J14(DAS)
L064	12,793.60	7,476.80	LB	365	O14(DANE), O14(DBS), O14(WRSW)
D079	12,678.00	9,470.80	LB	365	J14(CWSW)
J318	11,317.40	6,086.50	LB	365	O14(CWNE), O14(DBSE)
J580	10,032.00	6,119.70	LB	92	J14(CWNE)
J516	8,000.00	3,600.00	LB	365	J14(CWN)
D163	7,645.00	3,982.00	LB	365	J14(CWN)
M003	5,995.00	3,355.80	LB	365	J14(PB5)
J473	5,787.90	2,647.90	LB	365	O14(CWN), O14(DBSW)
B290	5,450.00	5,450.00	LB	31	J14(CWN)
D044	5,238.00	2,999.20	LB	365	J14(CWNW)
J532	5,154.10	3,649.60	LB	365	O14(CWNE), O14(DBS)
U051	4,883.90	3,442.80	LB	365	A14(CWNEO), O14(DBS), O14(WRSW)

Chemical Code	Max Daily Amt	Max Avg Amt	UOM	Days On Site	Storage (Location) Codes
F003	4,403.50	3,233.90	LB	365	O14(DBSW2)
D500	4,228.40	2,085.00	LB	365	O14(CWNE), O14(DBSE)
D029	4,099.00	2,000.00	LB	365	J14(CWNW)
W054	4,053.20	2,122.70	LB	365	O14(DBNW), O14(WRSW)
U042	4,000.70	3,243.90	LB	365	O14(DBNE), O14(WRNW)
U028	3,653.80	1,824.70	LB	365	O14(CWNE), O14(DBSW)
L036	3,502.80	2,229.80	LB	334	O14(CWNE), O14(DBSW)
J479	3,492.00	1,974.60	LB	365	J14(OX)
D046	3,488.00	1,472.50	LB	365	J14(CWSW)
K046	3,462.80	2,373.90	LB	365	O14(DBNE)
D167	3,054.00	1,657.00	LB	365	J14(CWSW)
J218	2,965.00	2,043.40	LB	365	J14(OX)
F108	2,727.20	1,142.60	LB	238	O14(DBN)
D145A	2,709.50	1,533.70	LB	365	O14(CWNE), O14(DBSE)
D053	2,600.00	1,895.50	LB	365	J14(CWN)
D202	2,475.00	1,719.50	LB	92	J14(CWSE)
A261	2,458.50	1,014.90	LB	365	O14(WRSW)
D198	2,294.00	1,838.80	LB	365	J14(CWSE)
J475	2,205.00	1,762.30	LB	365	J14(OX)
D065	2,071.00	1,283.30	LB	365	J14(CWSW)
D400	2,000.00	1,514.00	LB	92	J14(CWS)
D153	1,591.00	891.00	LB	365	J14(CWS)
D112	1,523.00	907.50	LB	365	J14(CWSW)
D151	1,500.00	750.00	LB	91	J14(CWS)
J567	1,325.00	756.60	LB	275	J14(CWN)
D122A	1,251.00	654.70	LB	365	N14(CPS)
J066	1,100.00	250.00	LB	182	J14(CWN)
D013	1,094.00	552.40	LB	365	J14(CWSW)
D047	1,067.50	647.20	LB	365	N14(CPS)
D182	1,000.00	500.00	LB	61	J14(CWSE2)
J237A	656.80	445.70	LB	365	N14(CPS)
D800	493.00	197.80	LB	150	J14(CWSW)
XE117	334.00	96.80	LB	122	J14(CWS)
B175	330.00	110.10	LB	306	J14(CWN)
L055	291.90	251.00	LB	365	O14(DASW)
A186	233.50	131.80	LB	365	N14(WRSE)
A272	202.20	75.20	LB	123	O14(WRSW)
L058	180.00	150.90	LB	365	J14(WRSE)
D075	116.80	116.80	LB	30	O14(CWNE), O14(DBSE)
B155	88.00	44.00	LB	148	J14(CWS)
D065A	83.00	69.20	LB	334	J14(CWSE)
U080	67.60	67.60	LB	30	O14(DBSE)
B069	47.00	40.00	LB	365	J14(CWSE)

Chemical Code	Max Daily Amt	Max Avg Amt	UOM	Days On Site	Storage (Location) Codes
B221B	41.70	20.90	LB	184	N14(CWNE)
B159	40.00	19.00	LB	365	J14(CWS)
B071	0.00	0.00	LB	0	
B142	0.00	0.00	LB	0	
B014	0.00	0.00	LB	0	
B063	0.00	0.00	LB	0	
A262	0.00	0.00	LB	0	
B221W	0.00	0.00	LB	0	
B500	0.00	0.00	LB	0	
D028	0.00	0.00	LB	0	
U100	0.00	0.00	LB	0	
U106	0.00	0.00	LB	0	
U067	0.00	0.00	LB	0	
U074	0.00	0.00	LB	0	
XE846	0.00	0.00	LB	0	
XE847	0.00	0.00	LB	0	
XE848	0.00	0.00	LB	0	
XE849	0.00	0.00	LB	0	
A201	0.00	0.00	LB	0	
XE101	0.00	0.00	LB	0	
XE988	0.00	0.00	LB	0	
XE997	0.00	0.00	LB	0	
Y001	0.00	0.00	LB	0	
A026	0.00	0.00	LB	0	
A166	0.00	0.00	LB	0	
D066	0.00	0.00	LB	0	
D080	0.00	0.00	LB	0	
D110	0.00	0.00	LB	0	
D111	0.00	0.00	LB	0	
D059	0.00	0.00	LB	0	
D060	0.00	0.00	LB	0	
D031	0.00	0.00	LB	0	
D035-74	0.00	0.00	LB	0	
D042	0.00	0.00	LB	0	
D076	0.00	0.00	LB	0	
D121	0.00	0.00	LB	0	
D130	0.00	0.00	LB	0	
D132	0.00	0.00	LB	0	
D135	0.00	0.00	LB	0	
D140	0.00	0.00	LB	0	
D149	0.00	0.00	LB	0	
D156	0.00	0.00	LB	0	
S020-005	0.00	0.00	LB	0	

DO NOT HAVE ON Facility

VII. Description of Present Sources of Effluent and Waste Solids

WASTE STREAM (Sump sludge, empty pails, wash bay water, trash, etc.)	CLASSIFICATION (Hazardous/Non-Hazardous and method of classification)	METHOD OF DISPOSAL (Sewer, landfill, disposal well, recycling, reuse, etc.)	DISPOSAL (Company, Incorporation, name, city, state, special conditions, etc.)	Amount Generated (Monthly)
Spills in District	Various depending on hazard class	Various depending on chemical	Ashland Environmental	Various
Used Floor Dry	Non-Hazardous	Fuels Blending	Ashland Environmental	50-200 lbs
Lithium Batteries	Universal	Re-Cycle	Ashland Environmental	.5-4 lbs
Tires	Universal	Recycle	~~Western Tire~~ Redburn Tire	2-10

Schlumberger Farmington, New Mexico

WASTE STREAM (Sump sludge, empty pails, wash bay water, trash, etc.)	CLASSIFICATION (Hazardous/Non-Hazardous and method of classification)	METHOD OF DISPOSAL (Sewer, landfill, disposal well, recycling, reuse, etc.)	DISPOSAL (Company, Incorporation, name, city, state, special conditions, etc.)	Amount Generated (Monthly)
Used Oil & Absorbent	Non Hazardous	Fuels Blending	Ash Land Environmental	50-100 lbs
Location Spills	Various depending on hazard class	Various depending on chemical	Ash Land Environmental	Various
Junk Cement	Non-Hazardous	Landfill Road Use	Waste Management N. Mex. San Juan Regional Landfill	2000-4500 lbs 20,000, 45,000
Used Oily Rags	Non-Hazardous	Fuels Blending	Ashland Environmental	20-70 lbs
Empty Thinner & Paint Cans & Brushes	Non-Hazardous	Landfill (As long as empty & Dry)	Waste Management N.Mex. San Juan Regional Landfill	1-5

Schlumberger Farmington, New Mexico

WASTE STREAM (Sump sludge, empty pails, wash bay water, trash, etc.)	CLASSIFICATION (Hazardous/Non-Hazardous and method of classification)	METHOD OF DISPOSAL (Sewer, landfill, disposal well, recycling, reuse, etc.)	DISPOSAL (Company, Incorporation, name, city, state, special conditions, etc.)	Amount Generated (Monthly)
Fluorescent Bulbs	Need for classification TBD	Re - Cycle	Ash Land Environmental	5-10
Off – Spec/Obsolete Chemicals Dry	Various depending on Hazard Class	Various depending on chemical	Ash Land Environmental	Depends on chemical
Off-Spec/Obsolete Chemicals Liquid	Various depending on Hazard Class	Various depending on Chemical	Ash Land Environmental	Depends on Chemical
Antifreeze	Not applicable if recycled	Re-Cycle	Thermo Fluids	20-40 gallons
Laboratory waste	Varies depending on analytical data	Various depending on Chemical	Ash Land Environmental	1-5 lbs
Laboratory waste	Varies depending on analytical data and Process knowledge	Landfill per landfill specs	Waste Management N.Mex. San Juan Regional Landfill	1-5 gallons
Used Lead Acid Batteries	Not applicable if Recycled	Re-Cycle	Interstate Batteries	10-15

Schlumberger Farmington, New Mexico

WASTE STREAM (Sump sludge, empty pails, wash bay water, trash, etc.)	CLASSIFICATION (Hazardous/Non-Hazardous and method of classification)	METHOD OF DISPOSAL (Sewer, landfill, disposal well, recycling, reuse, etc.)	DISPOSAL (Company, Incorporation, name, city, state, special conditions, etc.)	Amount Generated (Monthly)
Used Oil	Not applicable if recycled	Re – Cycle	Thermo Fluids US EPA #NMD986674141	100-200 Gallons
Used Oil Filters	Non - Hazardous	Re - Cycle	Ash Land Environmental	10-20 ASK SHOP
Empty Drums/Pails	Non-Hazardous	Drum Re-Condition or Disposal Recycle	West Texas Drum 11107 County Rd. 127 West Odessa, Texas VENDORS	5-10
Empty Pails	Non-Hazardous	Landfill Per waste profiles	Waste Management N. Mex. San Juan Regional Landfill	~~15-20~~ 50 to 100
Regular Trash (to Dumpster)	Non - Hazardous	Landfill	Waste Management N. Mex. San Juan Regional Landfill	Emptied Weekly 3 Times
Returned Acid	Hazardous	Re-Use	Re-Use in loading of acid	50-200 gallons
Acid Sump Sludge	Non-Hazardous per Required annual Analytical Tests	Land fill	Ash Land Environmental	5-10 lbs

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

Schlumberger Farmington, New Mexico

WASTE STREAM (Sump sludge, empty pails, wash bay water, trash, etc.)	CLASSIFICATION (Hazardous/Non-Hazardous and method of classification)	METHOD OF DISPOSAL (Sewer, landfill, disposal well, recycling, reuse, etc.)	DISPOSAL (Company, Incorporation, name, city, state, special conditions, etc.)	HAS THE DISPOSAL COMPANY BEEN AUDITED?
Used Oil	Not applicable if recycled	Re – Cycle	Thermo Fluids US EPA #NMD986674141	Yes
Used Oil Filters	Non - Hazardous	Re - Cycle	Ash Land Environmental	Yes
Empty Drums/Pails	Non-Hazardous	Drum Re-Condition or Disposal	West Texas Drum 11107 County Rd. 127 West Odessa, Texas	Yes
Empty Pails	Non-Hazardous	Landfill Per waste profiles	Waste Management N. Mex. San Juan Regional Landfill	Yes
Regular Trash (to Dumpster)	Non - Hazardous	Landfill	Waste Management N. Mex. San Juan Regional Landfill	Yes
Returned Acid	Hazardous	Re-Use	Re-Use in loading of acid	N/A
Acid Sump Sludge	Non-Hazardous per Required annual Analytical Tests	Land fill	Ash Land Environmental	Yes

Schlumberger Farmington, New Mexico

WASTE STREAM (Sump sludge, empty pails, wash bay water, trash, etc.)	CLASSIFICATION (Hazardous/Non-Hazardous and method of classification)	METHOD OF DISPOSAL (Sewer, landfill, disposal well, recycling, reuse, etc.)	DISPOSAL (Company, Incorporation, name, city, state, special conditions, etc.)	HAS THE DISPOSAL COMPANY BEEN AUDITED?
Fluorescent Bulbs	Need for classification TBD	Re - Cycle	Ash Land Environmental	Yes
Off – Spec/Obsolete Chemicals Dry	Various depending on Hazard Class	Various depending on chemical	Ash Land Environmental	Yes
Off-Spec/Obsolete Chemicals Liquid	Various depending on Hazard Class	Various depending on Chemical	Ash Land Environmental	Yes
Antifreeze	Not applicable if recycled	Re-Cycle	Thermo Fluids	Yes
Laboratory waste	Varies depending on analytical data	Various depending on Chemical	Ash Land Environmental	Yes
Laboratory waste	Varies depending on analytical data and Process knowledge	Landfill per landfill specs	Waste Management N.Mex. San Juan Regional Landfill	Yes
Used Lead Acid Batteries	Not applicable if Recycled	Re-Cycle	Interstate Batteries	N/A

Schlumberger Farmington, New Mexico

WASTE STREAM (Sump sludge, empty pails, wash bay water, trash, etc.)	CLASSIFICATION (Hazardous/Non-Hazardous and method of classification)	METHOD OF DISPOSAL (Sewer, landfill, disposal well, recycling, reuse, etc.)	DISPOSAL (Company, Incorporation, name, city, state, special conditions, etc.)	HAS THE DISPOSAL COMPANY BEEN AUDITED?
Used Oil & Absorbent	Non Hazardous	Fuels Blending	Ash Land Environmental	Yes
Location Spills	Various depending on hazard class	Various depending on chemical	Ash Land Environmental	Yes
Junk Cement	Non-Hazardous	Landfill Road Use	Waste Management N. Mex. San Juan Regional Landfill	Yes
Junk Cement	Non-Hazardous	Land farm use on roads	ENVIROTECH Inc.	Yes
Used Oily Rags	Non-Hazardous	Fuels Blending	Ashland Environmental	Yes
Empty Thinner & Paint Cans & Brushes	Non-Hazardous	Landfill (As long as empty & Dry)	Waste Management N.Mex. San Juan Regional Landfill	Yes

WASTE STREAM (Sump sludge, empty pails, wash bay water, trash, etc.)	CLASSIFICATION (Hazardous/Non-Hazardous and method of classification)	METHOD OF DISPOSAL (Sewer, landfill, disposal well, recycling, reuse, etc.)	DISPOSAL (Company, Incorporation, name, city, state, special conditions, etc.)	HAS THE DISPOSAL COMPANY BEEN AUDITED?
Spills in District	Various depending on hazard class	Various depending on chemical	Ashland Environmental	Yes
Used Floor Dry	Non-Hazardous	Fuels Blending	Ashland Environmental	Yes
Lithium Batteries	Universal	Re-Cycle	Ashland Environmental	Yes
Tires	Universal	Recycle	~~Western Tire~~ Redburn Tire	Yes

IX. Description of Proposed Modifications to Existing Collection/Treatment/Disposal Systems

Proposed Modifications to Existing Collection/Treatment/Disposal Systems

Roofs have been built over the Post Trip Bay and the Chemical Tote Storage area bringing the exposure of chemicals to the storm water to a minimum. All other water collected in burned areas is collected and used for mixing water in acid jobs.

X. Routine Inspections And Maintenance Plan

1. Weekly Environmental inspection report
2. Quarterly visual rainwater inspection report
3. Daily equipment inspection reports
4. Yearly visual tank integrity inspection report
5. Yearly visual sump integrity inspection report
6. Yearly rain water analysis report
7. Annual Non-Storm water Discharge Assessment
8. Annual comprehensive site compliance evaluation

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Weekly Environmental Inspection Form

	Yes	No	N/A
1. Yard and parking area free of spills?	x		
2. Waste/product storage containers and tanks in good condition, free of deterioration, properly labeled, and dated?	x		
3. Drum storage area free of spills or leaks?	x		
4. Slurry gel plant free of spills or leaks?	x		
5. Acid dock area free of spills and leaks?	x		
6. Cement plant free of spills and dust collector working properly?	x		
7. Stimulation warehouse free of spills?			X
8. Fuel island clean and free of spills?			X
9. Shop oil storage area free of spills and leaks?	x		
10. Is Safety-Kleen confined to the station?			X
11. Paint and thinner properly stored?	x		
12. Batteries in proper storage area?	x		
13. Shop area free of spills?	x		
14. Are all hazardous waste containers closed?			X
15. Are all hazardous waste containers in good condition with no signs of deterioration?			X
16. Are all hazardous waste containers appropriately labeled, including an indication of the start date for waste accumulation?			X
17. Are all hazardous waste containers under the generator status storage requirements for storage?			X
18. Are the hazardous waste containers free of spills and leaks?			X
19. Is Emergency Response Equipment in working order and properly stocked?		x	
20. Above ground valves, piping, and appurtenances in good condition? (check flange joints, expansion joints, valve glands and bodies, catch pans, pipeline supports, locking valves, and metal surfaces)	x		
21. Are all areas on site free of soil erosion indicators?	x		
22. Does the integrity of all small bulk oil storage containers (i.e.: drums and totes) appear to be un-compromised?	x		
23. Were all of the following small bulk oil storage containers (i.e.: drums and totes) elevated from the ground surface and inspected from all sides?	x		
Drums stored in area A3 (Drums south west fence, west of used oil)			X
Drums stored in area A6 (Oil south wall post trip bay)	x		
Totes stored in area A8 (Drum and tote storage area bulk plant)	x		
Totes stored in area A10 (Warm room area)	x		
Totes stored in area A11 (Cement Warehouse)	x		
24. Liquid level sensing devices operating properly?			X
25. Facility drainage and effluent discharge points in good condition?		x	
26. Treatment system operating properly?			X
27. Secondary containment and oil spill retention systems in good condition?	x		
28. Adequate aisle space available? (must be at least 3')	x		

ANY "NO" ANSWERS REQUIRE CORRECTIVE ACTION. DESCRIBE PROPOSED ACTIONS AND FOLLOW-UP WITH AN INDICATION OF THE DATE WHEN IMPLEMENTED.

(ATTACH ADDITIONAL SHEETS AS NECESSARY): No hazardous waste at this time.

This report done in conjunction with weekly inspection. Action items on weekly inspection form.

outfall booms need changed because of hevy snow fall and rain, waiting on booms to restock spill kit, weighed and labelled all waste drums

Inspector: [signature] Date: 2/28/08 Time: 11 AM

[signature]

Retain completed forms in Attachment 14 of this plan

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QUARTERLY VISUAL EXAMINATION OF STORMWATER QUALITY

Outfall South East

GENERAL INFORMATION:

Quarter: Jan - March X ; April - June ___; July - Sept ___; Oct - Dec ___
Year: 2008
Date collected (mm/dd/yyyy): 2 / 11 / 08
Time collected: 4 AM / (PM)
Amount of rain received: 1 inches
Duration of sampled storm event: 3 hrs hours / minutes

VISUAL CHARACTERISTICS OF SAMPLE:

Color: Clear		Source of color (if known):
Odor: None		Source of odor (if known):
Clarity: Clear		
Floating solids present:	YES / (NO)	Source (if known):
Settled solids present:	(YES) / NO	Source (if known): Dirt off Yard
Suspended solids present:	YES / (NO)	Source (if known):
Foam present:	YES / (NO)	Source (if known):
Oil sheen present:	YES / (NO)	Source (if known):

Describe any other pollutant indicators:

Run off was melted snow off Yard

Jamie McFarland
Signature

2-12-08
Date

~~Steve Sword~~
~~Bulk Plant Supervisor~~
Jamie McFarland
QHSE Coordinator

COPY AS NEEDED.
THIS FORM MUST BE COMPLETED ONCE A QUARTER AND FILED IN APPENDIX III OF THE SWP3.

Semi Annual Industrial Activities and Quarterly Hazardous Materials

Date: 3/5/08 Facility Location: Farmington NM Inspector: Jamie McFarland

A. Vehicle and Equipment Storage Area(s)		TNA for this facility	Yes	No	NA
1	Is area maintained in a neat, orderly condition?		X		
2	Is there diking provided for vehicle parking area(s)?			X	
3	Is adequate aisle space provided in product storage areas?		X		
B. Vehicle and Equipment Cleaning and Maintenance Area(s)		**TNA for this facility**	**Yes**	**No**	**NA**
1	Are all maintenance activities being conducted under cover?				
2	Are drip pans being used for all fluid replacement activities?		X		
3	Is the area maintained in a neat, orderly condition?		X		
4	Are used oil rags being stored in watertight containers?		X		
5	Is there any equipment malfunctioning?			X	
6	Are waste fluids being properly disposed of?		X		
7	Are product and waste containers stored on pallets?		X		
8	Is adequate aisle space provided in waste storage areas?		X		
9	Are any product or waste containers leaking?			X	
C. Materials Storage Area(s)		**TNA for this facility**	**Yes**	**No**	**NA**
1	Are there any spills or stained areas on the ground?		X		
2	Are all the materials being stored under cover?			X	
3	Is weight distribution factor considered while storing?		X		
4	Is adequate aisle space provided in product storage areas?		X		
D. Chemical Mixing Area(s)		**TNA for this facility**	**Yes**	**No**	**NA**
1	Are there any spills or stained areas on the ground in the mixing area?			X	
2	Are all equipment and control devices functioning properly?		X		
3	Is absorbent material available in sufficient quantities for removal of spills?		X		
4	Are there any other signs of contamination or potential contamination?			X	
E. Municipal Trash Dumpster Storage Area(s)		**TNA for this facility**	**Yes**	**No**	**NA**
1	Are there any spills or stained areas on ground near dumpster?			X	
2	Have any liquid materials been put into the dumpster?			X	
3	Is the dumpster in good physical condition?		X		
4	Is the dumpster equipped with lids or any other devices for keeping the container closed?		X		
5	Are the dumpster lids or doors kept closed at all times except during transfer of materials?			X	
F. Stormwater Flow with the Significant Potential for Causing Erosion		**TNA for this facility**	**Yes**	**No**	**NA**
1					
2					
3					
4					

Describe any problems noted and how they were corrected:

Two sets of Booms are placed in drainage ditches to catch Runoff

Still have a small amount of chemicals exposed to Rain water

Dumpster Lids at shop Left open

COPY AS NEEDED.
UPON COMPLETION, THIS FORM MUST BE SIGNED BY THE INSPECTOR AND FILED IN APPENDIX II OF THE SWP3.

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ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION FORM

I. 3/5/2008
Date of Inspection Inspector's Name **Jamie McFarland**

II. POLLUTION PREVENTION TEAM

Are the individuals identified in the SWP3 still responsible for development, implementation and revisions of the plan?

__X__ Yes _____ No

If "no", then the plan must be updated to reflect the currently responsible individuals in Section 2.0.

III. POTENTIAL STORMWATER POLLUTANT SOURCES ON-SITE

1. Has any inspection of the facility confirmed the presence of any new potential sources of pollutants contributing to stormwater discharges other than those already described in the SWP3?

   _____ Yes __X__ No

   If "yes", then identify each new potential source.

   a. _____

   b. _____

   c. _____

2. Are any activities conducted on-site which may result in non-stormwater discharges from this facility?

   _____ Yes __X__ No

   If "yes", then identify any activity resulting in a non-stormwater discharge.

   a. _____

   b. _____

   c. _____

3. Describe any efforts or attempts made to eliminate non-stormwater discharges from this facility.

   _____

   Revetments, curbing, diking, socks, Booms, Absorbents, inspections, and training___

IV. SITE MAP

Have there been any modifications to this facility, which may affect the direction of stormwater flow from the property?

_____ Yes ____X____ No

If "yes", then describe the facility modifications.

_____

_____

_____

Has the " Site Map" found in Attachment E of the SWP3 been modified?

____X____ Yes _____ No

V. SIGNIFICANT MATERIALS MANAGEMENT

1. List any new significant materials stored on-site which were not previously listed in the Section 3.2 of the SWP3.

   a. _____

   b. _____

   c. _____

   d. _____

   e. _____

   f. _____

   g. _____

2. Are all of these materials stored in a manner that minimizes or eliminates any potential contact with stormwater?

   _____ Yes _____ No

   If "no", then list which materials may be contributing to stormwater contamination and describe: _____X____ N/A

   _____

   _____

3. What corrective action measures have been or will be implemented in order to eliminate the problem(s) noted above? _____X____ N/A

4. Have any spills of hazardous materials occurred on-site within the last year?
____X____ Yes _____ No

If "yes", was the spill in excess of a "reportable quantity" as set forth in 40 CFR Part 302 and 40 CFR 117?
_____ Yes ____X____ No _____ N/A

If "yes", was the notification submitted to the proper authorities as required in 7.2.1 of the SWP3? _____ Yes _____ No

Describe all remediation activities associated with any spills on-site within the past year: _____ N/A

Training, recertifications, reviews_____

VI. NARRATIVE DESCRIPTIONS OF INDUSTRIAL ACTIVITIES, POTENTIAL POLLUTANT SOURCES, AND ASSOCIATED STRUCTURAL CONTROL MEASURES TO REDUCE POLLUTANTS IN STORMWATER DISCHARGES

1. Has the SWP3 been amended to include any additional industrial activities conducted at this location?

_____ Yes _____ No ____X____ Plan is still accurate

2. Are material management practices, which are employed to minimize contact with stormwater, consistent with the practices set forth in the SWP3?

____X____ Yes _____ No

If "no", then has the plan been updated to reflect any changes that have occurred?

_____ Yes _____ No

If "no", the SWP3 must be updated to include any new materials management practices utilized to minimize contact of materials with stormwater.

3. Are the facility operations consistent with the SWP3 regarding the existing structural and non-structural control measures to reduce pollutants in stormwater discharges?

____X____ Yes _____ No If "no", then explain.

Roofs have been placed over post trip bay and tote storage area_____

Has the SWP3 been modified to reflect these changes?

____X____ Yes _____ No _____ N/A

If "no", the plan must be modified to reflect changes.

VII. STORMWATER MEASURES AND CONTROLS

1. Are spill response procedures documented and updated in accordance with SPCC regulations in the facility's SPCC Plan?

____X____ Yes _____ No _____ N/A

If "no", the SPCC Plan must be modified to reflect changes.

2. Is a documented training program designed to inform all facility personnel responsible for implementation of this plan conducted on an annual basis?

____X____ Yes _____ No

Does the training program address the following issues?

a. Reduction of stormwater contamination through good housekeeping.

____X____ Yes _____ No

b. Best management practices and policies used to reduce stormwater contamination.

____X____ Yes _____ No

c. Visual stormwater quality run-off examination and site compliance evaluation.

____X____ Yes _____ No If "no" to any of the above, explain.

_____

_____

_____

Have records for the employees trained over the last year been documented in the SWP3?

____X____ Yes _____ No If "no", explain.

_____

_____

_____

3. Are inspections of the facility being conducted in areas having the potential to contribute to contamination of stormwater run-off?

___X___ Yes _____ No

If "yes", are the inspections properly recorded on the inspection forms included as Attachment G of the SWP3?

___X___ Yes _____ No _____ N/A

Have remedial actions been actively implemented based on deficiencies noted during the facility inspections and have these remedial actions been recorded on the inspection forms?

___X___ Yes _____ No _____ N/A If "no", explain.

_____

_____

_____

Are copies for each inspection report kept on file at the facility?

___X___ Yes _____ No If "no", explain.

_____

_____

_____

4. Have any sediment or erosion problems been identified on-site since the last annual compliance inspection?

_____ Yes ___X___ No

If "yes", describe any structural, vegetative or stabilization measures implemented for control.

_____

_____

_____

5. Are quarterly visual examinations of stormwater quality being conducted?

___X___ Yes _____ No

If yes, are the inspections properly recorded on the inspection form included as Attachment J of the SWP3?

Are copies for each inspection report kept on file at the facility?

X Yes ____ No

VIII. CERTIFICATION OF COMPLETION

"I hereby, certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violation

Name & Title of authorized representative (for authorization, see Attachment B)

Signature _____ Date 3/7/09

XI. Contingency Plan for Reporting and Clean up of Spills or Releases

4.0 EMERGENCY RESPONSE PROCEDURES (COUNTERMEASURES)

4.1 Objectives

There are three primary objectives during a spill event. They are:

(1) Stop the source of leakage;

(2) Contain the leakage; and

(3) Initiate remedial action.

The order of priority for the above objectives will vary depending on the events and at what stage the leak is detected. For tank spills, which have breached the firewall, containment activities should commence first. For spills associated with fires, remedial action should commence first. Consideration should be given to the fact that water used in fire fighting may cause an overflow of the spill containment systems. The general emergency response plan for spills of oil and/or hazardous substances consists of the following four steps:

(1) The spill must be reported immediately to the on-site Emergency Coordinator (refer to the On-Site Emergency Call List in Attachment 5).

(2) The Emergency Coordinator will determine which outside assistance organizations to contact (refer to the Off-Site Emergency Notification Phone List in Attachment 7), if any, to stop the leak, to contain the leak, and what form of remedial action is necessary. He will then initiate the necessary activities.

(3) The Emergency Coordinator in conjunction with a representative from the Schlumberger Emergency Response System will determine which governmental agencies are required to be notified and ensure that these notifications are made in a timely manner.

(4) The Emergency Coordinator will ensure that all non-Schlumberger communications (i.e., news media) follow company policy.

The intent of this Plan is to provide the information necessary to respond properly to a spill event. Generally, this facility could have four types of spill events:

(1) Contained Spill - spill inside diked areas and all material is contained.

(2) Controlled Small Spill - spill outside diked areas that is small enough not to spread off-site.

(3) Uncontrolled Spill - a spill large enough to exceed diked capacity (due to weather or fire fighting water make-up) or the spill is outside of diked area, and the spill has significant potential to go off-site.

(4) Reportable Spill - the spill enters navigable waters or exceeds the reportable quantity for the material spilled.

4.2 Spill Response Equipment

A list of available on-site emergency response equipment and the location of each item is provided in Attachment 8. The location of this equipment is also shown on the facility Emergency Evacuation Diagram provided in Attachment 3. Other information that may be useful during an emergency event is provided below:

- There are several hand-held radios available at the facility, which would be useful for communications.
- Outside contractors are available to provide additional response personnel and equipment. A listing of local spill cleanup contractors is provided in Attachment 6.

4.3 Emergency Coordinator's Response

After receiving a report of a spill or other emergency, the On-site Emergency Coordinator must proceed with the following:

Protect personnel

(1) Determine the extent of personal injuries, if any.

(2) Identify the exact location of spill, leak or other emergency event utilizing appropriate personal protective equipment. If necessary, walk out all process lines, hoses, manifold, piping, and tanks involved in the operation. Identify the leaking appurtenance(s) (e.g., hose, flange, valve, tank, etc.).

(3) Determine if site evacuation is necessary. If an evacuation is required, it will be announced over the facility's public address system. The evacuation routes and assembly areas are shown on a map posted on the office bulletin board.

(4) Shut off any potential ignition sources.

(5) Confirm if the event is still occurring and when it was first observed.

Contact Schlumberger/NAM

(6) Contact the Schlumberger/NAM HSE Emergency Response System and follow the steps presented in Section5.1 Spill notification (Attachment 7).

Control the Emergency Event

(7) Confirm the extent of spill, leak, or emergency and determine the potential for personnel hazard by utilizing product knowledge such as the product information sheet or material safety data sheets (MSDS).

(8) Determine methods to safely control the event. Minimize the potential discharge by isolating the source of the leak. If necessary, utilize any of the following steps to mitigate the leak:

- Empty transfer lines;
- Transfer product from a leaking tank to a sound tank;
- Isolate transfer lines by valve and/or blind flange;
- Isolate the ongoing operation in accordance with standard operating procedures to minimize both potential hazards to personnel and damage to equipment;
- Check for ignition sources (i.e., heaters, open flames, hot work); or
- Other appropriate actions.

(9) Verify that spill containment devices are working.

Initiate Off-Site Notifications and/or Coordination

(10) Evaluate whether there are apparent on-site or off-site hazards associated with the event. Contact any off-site entities that could be impacted by the spill.

(11) Contact appropriate outside emergency response contractors if their help is needed (see Attachment 6 for the contact phone numbers).

(12) Determine present and predicted weather conditions at the facility.

(13) Ensure that the applicable federal, state, and local emergency response agencies are notified in a timely manner. This will be performed in conjunction with a representative from the Schlumberger/NAM HSE Emergency Response System (see Attachment 7 for the notification phone numbers).

(14) Determine Schlumberger contact for non-Schlumberger communications, if necessary. Based on the above criteria, the Emergency Coordinator will implement the most appropriate response.

Monitor the Situation

(15) If facility operations have stopped in response to the emergency situation, monitor for leaks, pressure buildup, gas generation, or ruptures in valves, pipes, or other equipment, wherever appropriate.

Clean-up Spilled Material

(16) Initiate recovery, removal, decontamination, and reporting procedures, as appropriate.

4.4 Other Considerations

4.4.1 Container Leaks

As stated in Section 3.4.1 of this Plan, leaks and/or equipment malfunctions are promptly reported, repaired, and remediated. In addition, facility personnel must follow the procedures outlined below when a leaking drum or tote are identified:

Drum: If a leaking drum is detected, the contents remaining in the drum will be transferred to a new drum if this can be done safely. The empty drum will be put in the empty storage area for disposal or reclamation. If the contents cannot be safely transferred to another drum, then the leaking drum will be placed in a DOT-approved overpack drum for off-site disposal. Any spillage and clean up materials will also be placed into the overpack drum for disposal. A label will be placed on the overpack drum, identifying the contents and the original date that it was placed in storage.

Tote: Leaking totes will be handled the same way as leaking drums, except if the contents cannot be safely transferred to another drum or tote, then stop the leak, if possible, then contain the area with absorbent material.

4.4.2 Decontamination

Equipment that requires decontamination will be decontaminated by using a high-pressure wash, or by another appropriate method such as, but not limited to, a detergent wash. All wastes generated during decontamination procedures will be collected an disposed of off-site at an authorized facility.

Any equipment that cannot be decontaminated will be disposed of off-site at an authorized facility.

4.4.3 Disposal of Recovered Materials

Materials recovered due to oil and/or hazardous substance discharge cleanup efforts will be managed in an environmentally sound manner. Disposal or recycling of such materials will be conducted in accordance with federal and state requirements as

applicable to management of solid waste. Efforts to recycle the recovered material will be made to the extent possible.

4.4.4 Arrangements with Local Authorities

This facility is a not a Large Quantity Generator (LQG) of hazardous waste and as such is not required to make arrangements with local authorities. However, if the facility becomes a LQG of hazardous waste, a copy of this Plan will be provided to the appropriate local fire and police departments, hospital, and state and/or local emergency response teams. Copies of the transmittal letters sent to each of the appropriate local authorities will be included in Attachment 9. Information concerning hazardous substances and waste stored at the site is kept in the Emergency Coordinator's office. This information will be provided to police, firefighters, hospitals and other emergency response personnel as needed.

4.5 Oil Spill Contingency Planning

This section is not applicable to the Farmington Facility.

5.0 REPORTING AND RECORDKEEPING

5.1 Spill Notification

When an unauthorized spill of oil and/or hazardous substance occurs, the ON-site Emergency Coordinator will follow the steps outlined in Section 4.3 and must contact the Schlumberger/NAM HSE Emergency Response System (Attachment 7) to determine if the spill is reportable to local, state and/or federal agencies. If the spill is a reportable spill, then the On-Site Emergency Coordinator in conjunction with a representative from the Schlumberger/NAM HSE Emergency Response System will notify the applicable governmental agencies in accordance with the requirements outlined in the paragraphs below.

If the facility has a fire, explosion, or hazardous waste release which could threaten human health or the environment outside the facility, the incident must be reported according to company procedures as follows:

- Local Police and Fire Departments if evacuation is required;
- Schlumberger/NAM HSE Emergency Response System (Attachment 7);
- National Response Center (NRC) and the State Emergency Response Commission;
- Environmental Protection Agency (EPA) Regional Office; and
- Other governmental agencies (state-specific).

The owner, operator, or person in charge of any facility where a discharge has occurred must provide notification such release to the New Mexico Environmental Department (NMED). Verbal notification must be provided as soon as possible after learning of a discharge, but in no event more than twenty-four (24) hours thereafter. For emergencies, call 505-827-9329 twenty four hours a day. For non-emergencies, call 866-428-6535 (voice mail, twenty-four hours a day). For non-emergencies, and to reach an on duty New Mexico Environmental Department staff member during normal business hours, call 505-428-2500.

5.1.1 Immediate Notification

It is a federal reporting requirement that spills of oil in violation of the federal Clean Water Act and applicable state water quality regulations be immediately reported to the National Response Center (NRC) upon learning of the discharge. The NRC is the **sole** federal point of contact for reporting oil and/or hazardous substance spills and operates 24 hours a day, 7 days a week, 365 days a year. Additional reporting is also required to be made to appropriate state and local authorities as identified in Attachment 7 of this Plan.

5.1.2 Follow Up Reporting

If required, the appropriate EPA Regional office as well as appropriate state and/or local authorities (NMED) will be notified of facility compliance with the following, before operations are resumed in the affected area of the facility:

(1) No waste that may be incompatible with the released material was treated, stored, or disposed of until cleanup procedures are complete; and

(2) All emergency equipment has been cleaned and is fit for its intended use.

In addition, the time, date, and details of any incident that requires implementing the Contingency Plan will be noted in the facility operating log, and a written report on the incident will be submitted to the EPA Regional office within 15 days after the incident. That report will include the following:

(1) Name, address, and telephone number of the owner/operator;

(2) Name, address, and telephone number of the facility;

(3) Date, time, and type of incident (e.g., fire, explosion);

(4) Name and quantity of material(s) involved;

(5) The extent of injuries, if any;

(6) An assessment of actual or potential hazards to human health or the environment, where this is applicable; and

(7) Estimated quantity and disposition of recovered material that resulted from the incident.

5.1.3 Additional Reporting Requirements

If the facility experiences a spill of more than 1,000 gallons of oil into navigable waters or onto adjoining shorelines in a single incident or has two 42 gallons each oil spills within a 12-month period, the facility will submit the following information to EPA Regional Office within 60 days of such spill:

- Facility name and location;
- Facility owner or operator names;
- Facility maximum storage or handling capacity and normal daily oil throughput;
- Adequate facility description, including (as necessary):

    1. Maps;
    2. Flow Diagrams; and
    3. Topographic Maps.

- The cause(s) of the spill, including a failure analysis of system or subsystem in which

the failure occurred;

- The corrective actions and/or countermeasures taken, including a description of equipment repairs and/or replacement;
- Any other preventive measures taken or planned to minimize the possibility of recurrence; and
- Other information the EPA Regional Office may require.

A copy of all information provided to the EPA Regional Office under these circumstances is also required to be sent at the same time to the appropriate state authority.

5.1.4 Correspondence Addresses

All written notifications, follow up reports, and any other correspondence related to the on-site incident reported under the conditions as outlined in Sections 5.1.1, 5.1.2, and 5.1.3 must be send to the following addresses:

SPCC/FRP Coordinator U.S. EPA Region 6 (6SF-RP) 1445 Ross Avenue Dallas, Texas 75202-2733	NMED New Mexico Environment Department P.O. Box 26110 1190 St. Francis Drive Albuquerque, New Mexico 84050	

5.1.5 Reportable Quantities

The owner, operator, or person in charge of any facility where a discharge has occurred must provide notification such release to the New Mexico Environment Department. Any amount of any material in such quantity as may with reasonable probability injure or be detrimental to human health, animal or plant life, or property, or may unreasonably interfere with public welfare or the use of property. This includes chemical, biohazardous, petroleum-product, and sewage spills, the discovery of evidence of previous unauthorized discharges, such as contaminated soil or ground water, also must be reported. New Mexico has not established reportable quantities; therefore, the federal reportable quantities in 40 CFR 302/370 apply (www.regulations.gov)

5.2 Plan Certification, Review, and Amendment

To satisfy requirements of 40 CFR 112.3(d), an SPCC plan must be reviewed and certified by a licensed professional engineer (see Section 1.5 of this Plan). All subsequent reviews and amendments of this Plan will be documented in Attachment 16. The requirements for such are as follows:

1. Per requirements of 40 CFR 112.4(a), whenever an oil spill of over 1,000 gallons occurs or if two (2) oil spills of more than 42 gallons each occur in any twelve (12) month period, a written report must be submitted within 60 days to the EPA Regional Office, with a copy sent to the State Authority in charge of oil pollution control activities as outlined in Section 5.1.3 of this Plan. The Plan must be

amended if necessary or if required by the EPA and/or State authority within 30 days from receipt of such proposed amendment as outlined in 40 CFR 112.4(d) and (e).

2. An SPCC Plan must be amended within six (6) months, as required in 40 CFR 112.5(a) whenever there is a change in the facility design, construction, operation, or maintenance that materially affects its potential for a discharge into the U.S. navigable waters.

3. Per requirements of 40 CFR 112.5(b), Schlumberger Management will review and evaluate the SPCC Plan at least once every five (5) years; amend the Plan within six (6) months to incorporate more effective prevention and control technology if:

   - Such technology will significantly reduce the likelihood of a discharge from the facility; and
   - If such technology has been field-proven at the time of the review.

4. Upon completion of the 5-year review, date and record one of the following statements in Attachment 15 of the Plan:

   "*I have completed review and evaluation of the SPCC/RCRA Contingency Plan for the Farmington Schlumberger facility and made the necessary revisions/ amendments identified here.*"

5. Per requirements of 40 CFR 112.5(c), any technical amendments made to the Plan must be certified by a Professional Engineer. Minor changes, such as name changes of Schlumberger personnel or general facility information do not require re-certification of the SPCC/RCRA Contingency Plan by a Professional Engineer. However, these must still be noted in the "Record of Plan Review and Amendments" log found under Attachment 16.

6. Any amendment made to this Plan must be implemented as soon as possible but no later than six (6) months after its preparation. [40 CFR 112.4(d) & (e) and 112.5(a) & (b)]

5.3 Record Retention

All records required by this plan (i.e.: reports, inspection forms, test result records, ect.) are signed by an appropriate facility supervisor of qualified inspector and maintained at the facility in hard copy (may be posted in Quest) for a period of at least three (3) years. The facility maintains comparison records of all tests performed under its customary business practices. Spill records and reports are also maintained in the on site Environmental History file and are posted in Quest.

HH District Emergency Phone #'s

Emergency Numbers

Medical or Fire	911
Police	911
Poison Control	1800-432-6866
Chemical Spill	281-595-3518
Safety Dept.	486-0793
In District Dial	1730

After Hours Numbers

Call in this order for any incident

		Cell Phone	Home Phone	Pager
District Manager	Andy Fordyce	486-5225		
QHSE Coordinator	Wayne Allen	486-0793		

Call these people as needed / per District Manager/QHSE

Bulk Plant Manager	Steve Sword	486-0416	334-8190	324-7708
Bulk Plant	Rick Meadows	486-3523		
Shop Manager	Keith McPheeters	320-7678	333-2118	599-7265
Shop	Steve Arellano		327-4652	
Cement Manager	Matt Chadwick	330-9267		
Fracturing Manager	Paul Culek	330-5384	324-0563	
Radiation Security Officer	Toni McKnight	330-7490	325-5006	
Site Security Officer	Dave Rasmussen		327-5912	

Haz-Whopper Team — Call the first 2 people! (They will call other people necessary)

	Cell	Home	Pager
Andy Fordyce	486-5225		
Wayne Allen	486-0793		
Steve Sword	486-0416	334-8190	~~324-7708~~
Ronnie Waters	330-2987	334-2611	
Steve Arellano		327-4652	486-3895
Dick Alexander		327-3103	
Roger Tingley	330-2634		
Debbie Yancey	330-2123	632-1514	
Bill Redman	330-2994	325-5939	

US Land West Emergency List – Oct 2006

Contact	Office Number	Home Number	Mobile Number
~~**Paul George**~~ Region QHSE Manager	303 486 3274	661 587 6102	303 579 4804
Thomas McDaniel Region OFS Manager	303 486 3246	303 683 3005	303 817 4027
Bryan Coryea Region REW Ops. Mgr.	303 486 3207	303 953 0605	303 877 5244
Tom Pulick Region DM Ops. Mgr.	303 486 3226	303 683 5636	303 345 1754
~~**Rick Litzel**~~ Region WSV Ops. Mgr.	303 486 3205	720 842 5259	303 518 5509
Terry Woods Region DCS Ops. Mgr.	303 486 3239	303 579 0701	303 699 4483
Craig Fuller Region IT Service	303 486-3291	303 984 2342	720 308 6857
Tim Wallace USL SL & Tst. Mgr.	281 285 1278	281 646 8941	713 724 8004
Keith Russell NAM Artificial Lift Mgr.	281 285 7232	281 491 7670	713 303 8024
Kirk Pepper USL QHSE Manager	281 285 8119	281 705 5296	713 542 5930
Ray Dickes Radiation/Explosives Safety Officer	281 285-8775 For an Emergency = 281-313-0900	281 265-5531	281 414-4352 For an Emergency = 281-313-0900
Judy Carley Compliance Manager	281 285-7785	281 343-0346	713 724-1752
Jamer Gerard Transportation Manager	281 285-8495	318-549-9515	281 381 8714

The reporting of any Schlumberger incident involving **explosives or radioactive materials** must be managed via the procedures outlined in the Schlumberger Explosives or Radiation Field Control Manuals. If there are motor vehicle accidents/personal injury involved at the same time, these incidents will require notification as outlined on the next page in addition to the Emergency Response notification. Environmental incidents involving spills/discharges/releases must be called in to and managed via the Schlumberger Emergency Response system.

Emergency Response Number - 281 313-0900

Schlumberger

*INITIAL NOTIFICATION **SHOULD NOT BE DELAYED** PENDING COLLECTION OF ALL INFORMATION*

Schlumberger Spill Emergency Response Hotline	**281-595-3518**
National Response Center	**800-424-8802**
1st Response Contractor: **ENVIROTECH**	**505-632-0615**
2nd Response Contractor **RILEY INDUSTRIAL SERVICES**	**505-327-4947**
State Agency-Emergency Response:	**505-827-9329**
U.S. Coast Guard Captain of the Port for:	**N/A**
EPA Regional 6 Office:	**866-372-7745**
Municipality: **County Emergency Management** **State Pollution Control Division** ***County Emergency Management Coordinator***	**505-334-1180** **505-327-9851** **505-334-1180**
Fire Department:	**911**
Police Department:	**911**
State Agency Air Quality:	**505-327-9851**
Ambulance Service (if needed): 01	**911**
Poison Center (if needed)	**800-432-6866**

TO KEEP NOTIFICATION CONSISTENT, PLEASE USE A "DISCHARGE REPORTING INFORMATION SHEET."

FOR DOCUMENTATION PURPOSES, LOG EACH CALL ON THE "LOG SHEETS."

IT IS ABSOLUTELY ESSENTIAL THAT THESE NOTIFICATION CALLS BE DOCUMENTED.

***This format is identical to U.S. Coast Guard and USEPA recommended actions in oil spill plans. This list is for the usage of personnel or their alternates who are authorized to notify off-site agencies, organizations, or contractors.**

3.4.4 Effluent Treatment Facility Inspections

This section is not applicable at this site due to the absence of an oil/water separator or wastewater treatment unit.

If installed, qualified facility personnel conduct periodic visual inspections of the on-site effluent treatment unit and associated containment system to ensure appropriate quality of the effluent. Leaks and/or equipment malfunctions are promptly reported and repaired. Results of such inspections are recorded on the form found in Attachment 10.

In accordance with 40 CFR 112.8(c)(9), the effluent treatment unit is frequently observed by facility operations personnel during routine daily operations inspections. Any upsets of this system that could cause an oil discharge would be noted and reported to appropriate management for resolution.

3.5 Personnel Training

In accordance with the requirements of 40 CFR 112.7(f)(1), the facility provides proper instruction at regular intervals to oil-handling personnel regarding discharge procedure protocols and the operation and maintenance of equipment to prevent discharges of oil. In addition, applicable pollution control laws, rules, and regulations, general facility operations, and the contents of this SPCC/RCRA Plan are addressed in the instructional format.

In accordance with the requirements of 40 CFR 265.16, facility personnel involved in hazardous waste handling and management receive proper instruction and on-the-job training regarding hazardous waste management procedures and contingency Plan implementation relevant to the positions in which they are employed. The program is designed to ensure that facility personnel are able to respond effectively to emergencies by familiarizing trainees with the emergency procedures, emergency equipment, and emergency systems, including, where applicable:

- Procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment;
- Key parameters for waste feed cut-off systems;
- Communications or alarm systems;
- Response to fires or explosions;
- Response to groundwater contamination incidents; and
- Shutdown of operations.

Facility personnel assigned to hazardous waste management positions must complete the training program as described above within *six (6) months* after initial employment or assignment to the facility, or to a new position at the facility. Employees do not work in unsupervised positions until they have completed the training requirements as identified herein.

3.5.1 Annual Training

The facility schedules and conducts discharge prevention briefings for oil-handling personnel and review of the RCRA hazardous waste management requirements for hazardous waste management personnel on *an annual* basis to ensure that they posses an adequate understanding of this SPCC/RCRA Plan in accordance with 40 CFR 112.7(f)(3) and 40 CFR 265.16(c). The briefings are designed to highlight and describe known oil and/or hazardous substance discharges in harmful quantities, failures, malfunctioning components, and any recently developed precautionary measures. The training is designed to cover site-specific information, including implementation of this Plan,and will be conducted annually by trained personnel who are familiar with the facility. At the minimum, this training will include the details of this plan and requirements. The following outline addresses additional areas that may be covered in the training:

A. Applicable Laws and Regulations
   1. Clean Water Act, Oil Pollution Prevention, and Spill Prevention Control and Countermeasure Plans
   2. Resource Conservation and Recovery Act (RCRA) and Hazardous Waste Management
   3. Reporting spills of oil and hazardous substances
B. General Environmental Awareness
C. Waste Minimization Practices
D. Safe Hazardous Waste Planning
   1. Equipment location
   2. Incompatible waste
   3. Access space
   4. Employee precautions
E. Spill Prevention and Control
   1. Secondary containment devices
   2. Containment device maintenance
   3. Inspection procedures
   4. Operational precautions
F. Spill Response
   1. Response to minor spills
   2. Response to significant spills
G. OSHA Required Training
   1. HAZCOM/Personal Protective Equipment (PPE)
   2. Decontamination procedures
   3. Site safety plan review
   4. Confined space entry
   5. Emergency response
H. Emergency Response Team
   1. Identification
   2. Training
      a. HAZWOPER 29 CFR 1910.120(c)
      b. HAZCOM 29 CFR 1910.1200
      c. HAZWOPER 29 CFR 1910.120(q)
   3. Qualifications

Schlumberger personnel training and employee documentation records are maintained in the facility master file, which is located in the on-site office. [40 CFR 265.16(d)] Copies of these records are also kept in the files at the district office. These records include: job titles, job descriptions for each position, description of type and amount of training, and records documenting training or job experience. Per requirements of 40 CFR 265.16(d), training records pertaining to current personnel employed in hazardous waste management positions will be retained until closure of the facility. Training records on former employees will be kept for at least three (3) years from the date the employee last worked at the facility.

Schlumberger

STORMWATER POLLUTION PREVENTION EMPLOYEE TRAINING PROGRAM OUTLINE

I. INTRODUCTION TO THE NPDES STORMWATER GENERAL PERMIT

A. Objective of NPDES Stormwater Permit.
B. Requirements of the Multi-Sector Permit.

II. OVERVIEW OF THE FACILITY STORMWATER POLLUTION PREVENTION PLAN

A. Identify the facility pollution prevention team and their responsibilities.
B. Discuss training requirements of Pollution Prevention Plan.

III. FACILITY DESCRIPTION

A. Identify facility stormwater drainage features and outfalls.
B. Describe structural and non-structural controls used to reduce stormwater run-off.

IV. IDENTIFY POTENTIAL POLLUTANT SOURCES

A. Identify materials which are exposed to rainfall and could potentially be a source of stormwater pollution.
B. Identify operations which could result in a release of materials which could become a source of stormwater pollution.
C. Identify specific operations and procedures required by the Multi-Sector Permit.

V. IDENTIFY STORMWATER MEASURES AND CONTROLS

A. Identify management practices which have been instituted to reduce contact of materials on-site with stormwater.
B. Discuss the importance of good housekeeping and maintenance of equipment in reducing potential stormwater pollution.

VI. DISCUSS WAYS TO PREVENT SPILLS ON-SITE

A. Review material handling procedures and proper use of equipment.
B. Review material storage requirements.

VII. IDENTIFY SPILL RESPONSE PROCEDURES

A. Review procedures for cleanup and reporting.
B. Identify location of cleanup materials and equipment.
C. Review proper use of equipment and disposal of spilled materials.

VIII. STORMWATER INSPECTIONS

A. Discuss procedures for inspection of stormwater controls and areas of facility which could be potential sources of stormwater pollution.
B. Identify methods which will be used to follow up on items identified during inspections to make sure that corrections have been made.
C. Identify who will do the inspections and maintain the inspection records.

XII. Site Characteristics

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

January 21, 1998

CERTIFIED MAIL
RETURN RECEIPT NO. Z-357-869-912

Mr. John A. Miller
Remediation Manager
Schlumberger Oilfield Services
300 Schlumberger Drive
Sugar Land, Texas 77478

RE: **Discharge Plan GW-100**
Dowell Schlumberger (DS) Farmington Facility
San Juan County, New Mexico

Dear Mr. Miller:

OCD is in receipt of the report, dated October 6, 1997, covering the results of the second semi-annual groundwater monitoring event for 1997 at the above referenced site and DS's request for termination of groundwater monitoring together with abandonment of the four remaining monitoring wells.

After a careful review of the recent monitoring results together with past groundwater monitoring data, OCD hereby **approves** the termination of the groundwater monitoring schedule previously approved. OCD, however, **does not approve** the abandonment of the remaining groundwater monitoring wells. The remaining monitoring wells should be secured and remain available for groundwater monitoring when final closure of the facility is effected.

If you have any questions contact Mr. W. Jack Ford at (505) 827-7156.

Sincerely,

Roger C. Anderson
Chief, Environment Bureau
Oil Conservation Division

cc: OCD Aztec District Office

oil-water separator and then discharged into an open ditch along the southeast side of the property.

Municipal water and sewers were extended to the area in 1978. The DSI facility as well as other properties in the area are now connected to municipal utilities. DSI quit using the water well and both septic systems in 1978, but did not plug the well or remove the septic systems. Water and sewer lines not shown on the site plan (Figure 1) are present beneath Bloomfield Highway adjacent to the south side of the facility.

The DSI Farmington facility is located on land owned by DSI in an area zoned for commercial use. It is bordered on the east by several commercial properties, on the south by U.S. Highway 64 (Bloomfield Highway) and a welding shop south of the highway, on the west by a construction company yard, and on the north by a residential area containing modular and mobile homes.

Amoco Production Company operates a gas well on the northern part of the DSI property (Figure 1) and a dehydration unit in the northeast corner of the property. The well produces natural gas from the Dakota Sandstone from depths between 5768 and 5910 feet below the surface.

Hydrogeology

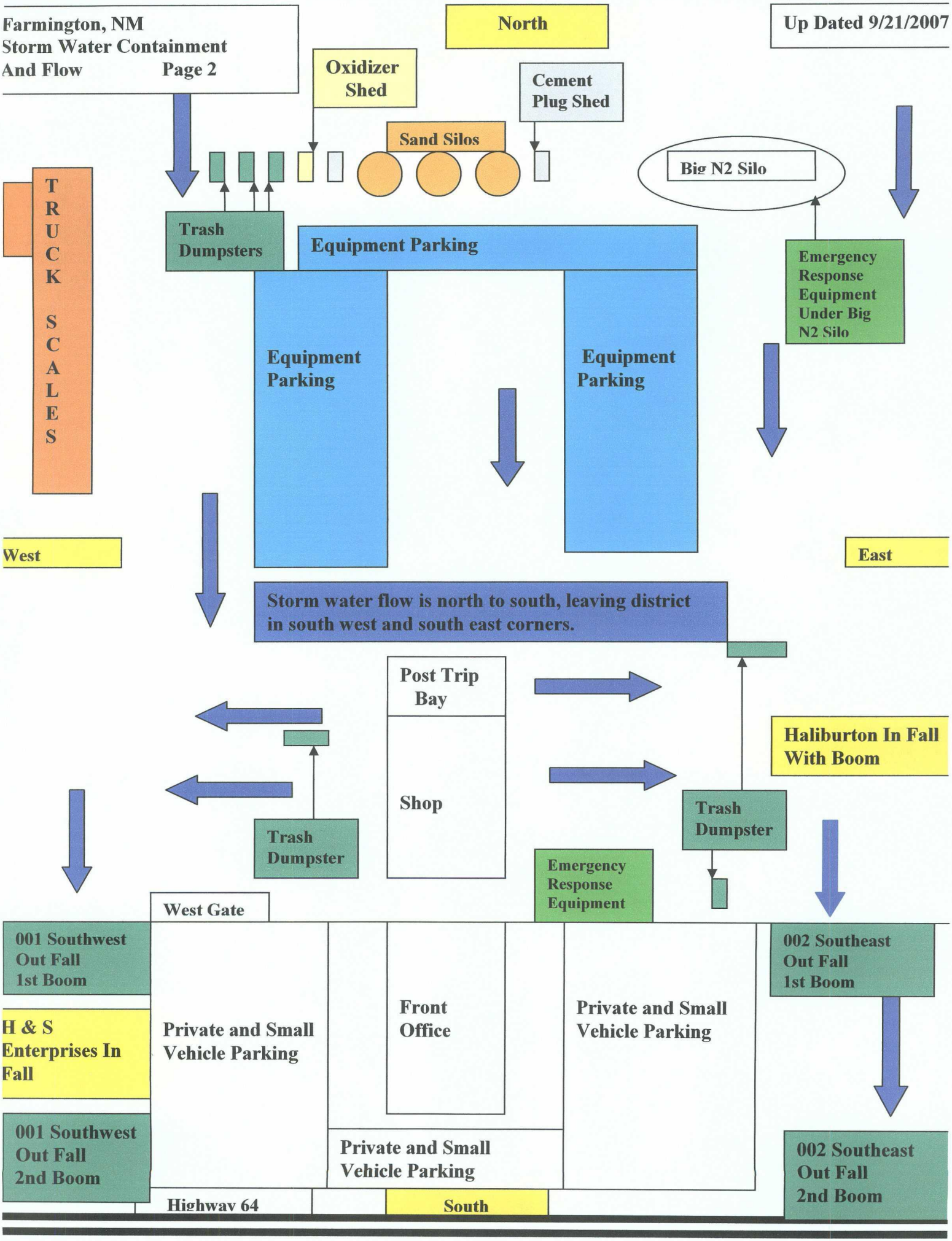
The DSI facility is located on the north flank of the San Juan structural basin (Fassett, 1964). Bedrock in the area dips to the south at approximately 1 degree (100 feet per mile). The uppermost bedrock comprises approximately 900 feet of sandstone, siltstone and shale of the Cretaceous Kirtland Formation (Petroleum Information, 1981). The

geophysical log of the Amoco well (Amoco Production Company, 1981) shows mainly siltstone and shale in the upper 90 feet of the Kirtland Formation, with a sandier zone from 90 to 108 feet.

Alluvial terrace materials directly overlie the Kirtland Formation (Cooper and Tranger, 1967). The alluvium is 25 to 45 feet thick and comprises igneous and metamorphic gravel and cobbles bedded in a silty sand matrix. The terrace on which the DSI facility is built is 50 to 60 feet higher than, and approximately 2,000 feet north of, the San Juan River.

Ground water at the facility is present in the alluvium under water-table conditions at depths of 25 to 34 feet below the surface. The ground water in the alluvium flows south beneath the DSI facility, toward the San Juan River. The alluvial aquifer is perched on the fine-grained silty shale of the Kirtland Formation. The upper part of the Kirtland Formation is not a prolific aquifer but some of the sandy zones in the formation do yield small quantities of potable water to domestic wells. The DSI water well drilled in 1959 produced from perforations opposite the Kirtland Formation at 90 to 100 feet.

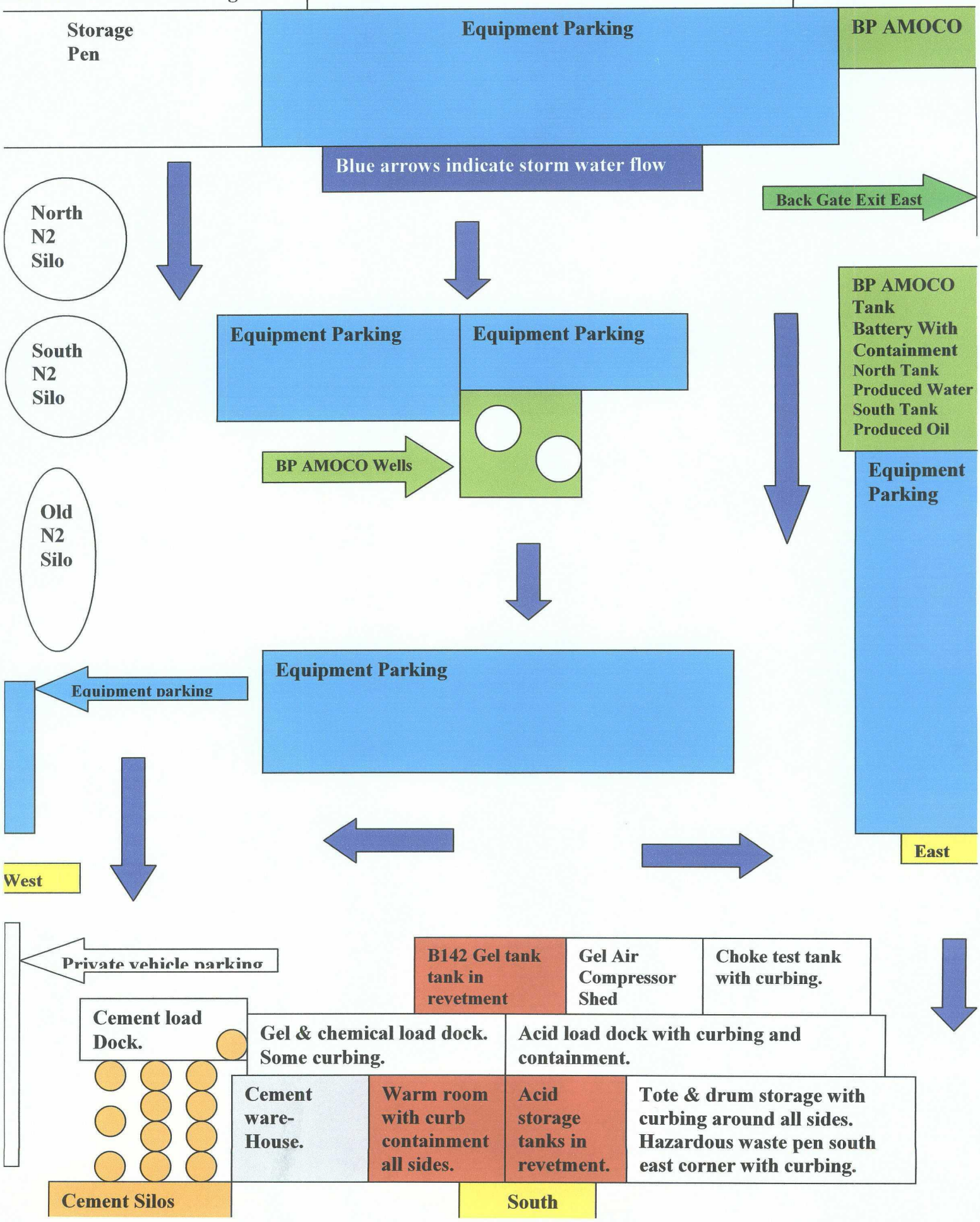
New Mexico State Engineer records show the only water well in the immediate vicinity of the facility is the industrial well owned by DSI. Two domestic water wells (permits SJ0352 and SJ1376) located in the NW, NE, Section 23, T. 29 N., R. 13 W., are within one-half mile of the facility. Two other domestic wells may exist in the NE, NE, Section 23, but the New Mexico State Engineer's records do not contain a notice of completion for either of these wells.


Farmington, NM
Storm Water Containment
And Flow Page 2
North
Up Dated 9/21/2007
Oxidizer Shed
Cement Plug Shed
Sand Silos
Big N2 Silo
TRUCK SCALES
Trash Dumpsters
Equipment Parking
Emergency Response Equipment Under Big N2 Silo
Equipment Parking
Equipment Parking
West
East
Storm water flow is north to south, leaving district in south west and south east corners.
Post Trip Bay
Shop
Haliburton In Fall With Boom
Trash Dumpster
Trash Dumpster
Emergency Response Equipment
West Gate
001 Southwest Out Fall 1st Boom
H & S Enterprises In Fall
001 Southwest Out Fall 2nd Boom
Private and Small Vehicle Parking
Front Office
Private and Small Vehicle Parking
Private and Small Vehicle Parking
002 Southeast Out Fall 1st Boom
002 Southeast Out Fall 2nd Boom
Highway 64
South

Farmington, NM Storm Water Containment and Flow Page 3

North

Up Dated 9/21/2007



XIII. Other Compliance Information

Each waste stream produced at this facility has been addressed by either engineering controls, procedural guidelines, or both to reduce or eliminate the possibility of contamination of the ground water. Effectiveness of the controls and guidelines currently in place are supported by analytical results. The information contained within this application documents that no current or future activity performed pursuant to the approval of this discharge plan will result in ground water degradation.

These are samples of collected storm water. Samples were collected at the outfalls located on the southeast and southwest drainage ditches on the edge of the property.

Drainage ditches drain into the Farmington city sewer system and eventually is released into the San Juan River approximately ½ mile south of the Farmington Facility. Storm water would not drain directly into the San Juan River unless flood conditions were present. Drainage ditches from the facility are large enough to meet moisture conditions in the Farmington area.

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

July 31, 2006

Schlumberger / Dowell

Steve Sword
3106 Bloomfield Hwy
Farmington, New Mexico 87401

Phone: (505) 325-5096
Ext 12
Fax: (505) 325-0206

Client No.:97033-005

Dear Mr. Sword:

Enclosed are the analytical results for the samples collected from the location designated as "3106 Bloomfield Highway, Farmington". Two water samples were collected by Schlumberger designated personnel on 7/27/06, and delivered to the Envirotech laboratory on 7/27/06 for RCRA 8 List Metals and Total Petroleum Hydrocarbons (TPH) per USEPA Method 8015.

The samples were documented on Envirotech Chain of Custody No. 1251 and were assigned Laboratory Nos. 37991 (Southwest) and 37992 (Southeast) for tracking purposes.

The samples were analyzed on 7/31/06 using USEPA or equivalent methods.

Should you have any questions or require additional information, please do not hesitate to contact us at (505) 632-0615.

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters

Christine M. Walters
Lab Coordinator / Environmental Scientist

enc.

CMW/cmw

C:/files/labreports/schlumbergerl.wpd

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Schlumberger / Dowell	Project #:	97033-005
Sample ID:	Southwest	Date Reported:	07-31-06
Laboratory Number:	37991	Date Sampled:	07-27-06
Chain of Custody No:	1251	Date Received:	07-27-06
Sample Matrix:	Water	Date Extracted:	07-31-06
Preservative:	Cool	Date Analyzed:	07-31-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/L)	Det. Limit (mg/L)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **3106 Bloomfield Highway, Farmington**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Schlumberger / Dowell	Project #:	97033-005
Sample ID:	Southeast	Date Reported:	07-31-06
Laboratory Number:	37992	Date Sampled:	07-27-06
Chain of Custody No:	1251	Date Received:	07-27-06
Sample Matrix:	Water	Date Extracted:	07-31-06
Preservative:	Cool	Date Analyzed:	07-31-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/L)	Det. Limit (mg/L)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **3106 Bloomfield Highway, Farmington**

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-31-TPH QA/QC	Date Reported:	07-31-06
Laboratory Number:	37991	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-31-06
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-20-06	1.8435E-002	1.8417E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	06-20-06	1.5938E-002	1.5906E-002	**0.20%**	**0 - 15%**

Blank Conc. (mg/L)	Concentration	Detection Limit
Gasoline Range C5 - C10	**ND**	**0.2**
Diesel Range C10 - C28	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

Duplicate Conc. (mg/L)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**ND**	**ND**	**0.0%**	**0 - 30%**

Spike Conc. (mg/L)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100.0%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**250**	**100.0%**	**75 - 125%**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **QA/QC for samples 37991 - 37992**

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TRACE METAL ANALYSIS

Client:	Schlumberger / Dowell	Project #:	97033-005
Sample ID:	Southwest	Date Reported:	07-31-06
Laboratory Number:	37991	Date Sampled:	07-27-06
Chain of Custody:	1251	Date Received:	07-27-06
Sample Matrix:	Water	Date Analyzed:	07-31-06
Preservative:	Cool	Date Digested:	07-28-06
Condition:	Cool & Intact	Analysis Needed:	RCRA Metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	TCLP Regulatory Level (mg/L)
Arsenic	**0.004**	**0.001**	**5.0**
Barium	**0.728**	**0.001**	**100**
Cadmium	**0.009**	**0.001**	**1.0**
Chromium	**0.007**	**0.001**	**5.0**
Lead	**0.082**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**0.003**	**0.001**	**1.0**
Silver	**ND**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **3106 Bloomfield Highway, Farmington**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	Schlumberger / Dowell	Project #:	97033-005
Sample ID:	Southeast	Date Reported:	07-31-06
Laboratory Number:	37992	Date Sampled:	07-27-06
Chain of Custody:	1251	Date Received:	07-27-06
Sample Matrix:	Water	Date Analyzed:	07-31-06
Preservative:	Cool	Date Digested:	07-28-06
Condition:	Cool & Intact	Analysis Needed:	RCRA Metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	TCLP Regulatory Level (mg/L)
Arsenic	**0.003**	**0.001**	**5.0**
Barium	**0.171**	**0.001**	**100**
Cadmium	**0.001**	**0.001**	**1.0**
Chromium	**0.006**	**0.001**	**5.0**
Lead	**0.004**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**0.001**	**0.001**	**1.0**
Silver	**ND**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **3106 Bloomfield Highway, Farmington**

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS
Quality Control / Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-31-TM QA/QC	Date Reported:	07-31-06
Laboratory Number:	37991	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	07-31-06
Condition:	N/A	Date Digested:	07-28-06

Blank & Duplicate Conc. (mg/L)	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	ND	ND	0.001	0.004	0.004	0.0%	0% - 30%
Barium	ND	ND	0.001	0.728	0.730	0.3%	0% - 30%
Cadmium	ND	ND	0.001	0.009	0.009	0.0%	0% - 30%
Chromium	ND	ND	0.001	0.007	0.007	0.0%	0% - 30%
Lead	ND	ND	0.001	0.082	0.084	2.4%	0% - 30%
Mercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Selenium	ND	ND	0.001	0.003	0.003	0.0%	0% - 30%
Silver	ND	ND	0.001	ND	ND	0.0%	0% - 30%

Spike Conc. (mg/L)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	0.500	0.004	0.502	99.6%	80% - 120%
Barium	0.500	0.728	1.22	99.3%	80% - 120%
Cadmium	0.500	0.009	0.508	99.8%	80% - 120%
Chromium	0.500	0.007	0.507	100.0%	80% - 120%
Lead	0.500	0.082	0.581	99.8%	80% - 120%
Mercury	0.500	ND	0.499	99.8%	80% - 120%
Selenium	0.500	0.003	0.502	99.8%	80% - 120%
Silver	0.500	ND	0.500	100.0%	80% - 120%

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **QA/QC for samples 37991 - 37992**

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May 21, 2008

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

Jamie McFarland

Schlumberger Well Services
Farmington, NM
505-325-5096