

GW - 135

**GENERAL
CORRESPONDENCE**

YEAR(S):
2003-1993



Baker Petrolite

P.O. Box 1030
Vernal, Utah 84078
Tel 435-789-3351
Fax 435-789-2835

RECEIVED

August 11, 2003

AUG 14 2003

OIL CONSERVATION
DIVISION

New Mexico Oil Conservation division
1220 North St. Francis drive
Santa Fe, New Mexico 87505

Reference: Discharge Permit renewal Approval GW-135

Enclosed is a check for \$1,700.00. This amount is that requested for the renewal of the Baker Petrolite discharge permit for our facility in Bloomfield. The renewal information was sent separately on June 23, 2003.

Sincerely,

A handwritten signature in dark ink, appearing to read "Allan Mashburn", with a stylized, flowing script.

Allan Mashburn
District Manager
Baker Petrolite

RECEIVED

JUN 26 2003

Oil Conservation Division



Baker Petrolite

P.O. Box 1030
Vernal, Utah 84078
Tel 435-789-3351
Fax 435-789-2835

June 23, 2003

New Mexico Oil Conservation Division
1220 North St. Francis Drive
Santa Fe, New Mexico 87505

Reference: Discharge Permit Renewal Approval GW-135

I have enclosed the signed approval conditions for the renewal of the Baker Petrolite discharge permit for our facility in Bloomfield.

As I discussed with Mr. Jack Ford, the check in the amount of \$1,700 will be sent separately. It will be issued from our main office and sent to your Santa Fe address.

Sincerely,

A handwritten signature in black ink, appearing to read "Allan Mashburn", with a long horizontal flourish extending to the right.

Allan Mashburn
District Manager
Baker Petrolite



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop
Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

June 2, 2003

Mr. Allan Mashburn
Baker Petrolite Corporation
P.O. Box 1030
Vernal, Utah 84078

**RE: Discharge Permit Renewal Approval GW-135
Baker Petrolite Corporation
Bloomfield Service Facility
San Juan County, New Mexico**

Dear Mr. Mashburn

The ground water discharge permit renewal GW-135 for the Baker Petrolite Corporation Bloomfield Service Facility located in the NW/4 of Section 3, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico, **is hereby approved.** The discharge permit consists of the original discharge permit application submitted on January 8, 1993 approved March 15, 1993 and the discharge permit renewal application, dated December 18, 2002, and under the conditions contained in the enclosed attachment. Enclosed are two copies of the conditions of approval. **Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe Office within 30 days of receipt of this letter.**

The discharge permit renewal application was submitted pursuant to 20 NMAC 5101.B.3. of the New Mexico Water Quality Control Commission (WQCC) Regulations. The discharge permit is renewed pursuant to 20 NMAC 5101.A. and 20 NMAC 3109.C. Please note 20 NMAC 3109.G., which provides for possible future amendment of the permit. Please be advised that approval of this permit does not relieve Baker Petrolite Corporation of liability should operations result in pollution of surface water, ground water, or the environment.

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

Please note that 20 NMAC 3104 of the regulations provides: "When a permit has been approved, discharges must be consistent with the terms and conditions of the permit." Pursuant to 20 NMAC 3107.C., Baker Petrolite Corporation is required to notify the Director of any facility expansion, production increase, or process modification that would result in any change in the discharge of water quality or volume.

Mr. Allan Mashburn
GW-135 Bloomfield Service Facility
June 2, 2003
Page 2

Pursuant to 20 NMAC 3109.H.4., this discharge permit is for a period of five years. This permit will expire on **March 15, 2008**, and Baker Petrolite Corporation should submit an application in ample time before this date. Note that under 20 NMAC 3106.F. of the regulations, if a discharger submits a discharge permit renewal application at least 120 days before the discharge permit expires and is in compliance with the approved permit, then the existing discharge permit will not expire until the application for renewal has been approved or disapproved. It should be noted that all discharge permit facilities will be required to submit the results of an underground drainage testing program as a requirement for discharge permit.

The discharge permit application for the Baker Petrolite Corporation Bloomfield Service Facility is subject to WQCC Regulation 3114. Every billable facility submitting a discharge permit renewal application will be assessed a non-refundable fee equal to the filing fee of \$100. There is a flat fee assessed for oil field service companies equal to \$1,700.00. The OCD has received the filing fee.

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

If you have any questions please contact Mr. W. Jack Ford at (505) 476-3489. On behalf of the staff of the OCD, I wish to thank you and your staff for your cooperation during this discharge permit review.

Sincerely,



Roger C. Anderson
Chief, Environmental Bureau
Oil Conservation Division

RCA/wjf
Attachment

xc: OCD Aztec District Office

ATTACHMENT TO THE DISCHARGE PERMIT RENEWAL GW-135
BAKER PETROLITE CORPORATION
BLOOMFIELD SERVICE FACILITY
DISCHARGE PERMIT APPROVAL CONDITIONS
(June 2, 2003)

1. Payment of Discharge Permit Fees: The \$100.00 filing fee has been received by the OCD. There is a flat fee assessed for oil field service companies equal to \$1,700.00. The required flat fee may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the permit, with the first payment due upon receipt of this approval.
2. Baker Petrolite Corporation Commitments: Baker Petrolite Corporation will abide by all commitments submitted in the discharge permit renewal application dated December 18, 2002 and these conditions for approval.
3. Waste Disposal: All wastes will be disposed of at an OCD approved facility. Only oilfield exempt wastes shall be disposed of down Class II injection wells. Non-exempt oilfield wastes that are non-hazardous may be disposed of at an OCD approved facility upon proper waste determination per 40 CFR Part 261. Any waste stream that is not listed in the discharge permit will be approved by OCD on a case-by-case basis.
4. Drum Storage: All drums containing materials other than fresh water must be stored on an impermeable pad with curbing. All empty drums will be stored on their sides with the bungs in and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets will also be stored on an impermeable pad and curb type containment.
5. Process Areas: All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device incorporated into the design.
6. Above Ground Tanks: All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new tanks or existing tanks that undergo a major modification, as determined by the Division, must be placed within an impermeable bermed enclosure.
7. Above Ground Saddle Tanks: Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.
8. Labeling: All tanks, drums and containers will be clearly labeled to identify their contents and other emergency notification information.

9. Below Grade Tanks/Sumps: All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks must demonstrate integrity on an annual basis. Integrity tests include pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks and/or sumps, or other OCD approved methods. The OCD will be notified at least 72 hours prior to all testing.
10. Underground Process/Wastewater Lines: All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity every 5 years. The permittee may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing.
11. Class V Wells: No Class V wells that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes will be closed unless it can be demonstrated that groundwater will not be impacted in the reasonably foreseeable future. Leach fields and other wastewater disposal systems at OCD regulated facilities which inject non-hazardous fluid into or above an underground source of drinking water are considered Class V injection wells under the EPA UIC program. Class V wells that inject domestic waste only must be permitted by the New Mexico Environment Department.
12. Housekeeping: All systems designed for spill collection/prevention will be inspected by a Baker Petrolite Corporation's representative on a regular basis and after each storm event to ensure proper operation and to prevent overtopping or system failure. A record of inspections will be retained for a period of five years.
13. Spill Reporting: All spills/releases will be reported pursuant to OCD Rule 116 and WQCC 1203 to the OCD Aztec District Office.
14. Transfer of Discharge Permit: The OCD will be notified prior to any transfer of ownership, control, or possession of a facility with an approved discharge permit. A written commitment to comply with the terms and conditions of the previously approved discharge permit must be submitted by the purchaser and approved by the OCD prior to transfer.
15. Storm Water Permit: Baker Petrolite Corporation, Inc. shall maintain storm water runoff controls. As a result of Baker Petrolite Corporation, Inc.'s operations any water contaminant that exceeds the WQCC standards listed in 20 NMAC 6.2.3101 is discharged in any storm water runoff then Baker Petrolite Corporation, Inc. shall notify the OCD within 24 hours, modify the permit within 15 days and submit for OCD approval. Baker Petrolite Corporation shall also take immediate corrective actions pursuant to Item 12 of these conditions.

16. Closure: The OCD will be notified when operations of the Bloomfield Service Facility are discontinued for a period in excess of six months. Prior to closure of the Bloomfield Service Facility a closure permit will be submitted for approval by the Director. Closure and waste disposal will be in accordance with the statutes, rules and regulations in effect at the time of closure.
17. Certification: Baker Petrolite Corporation, by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. Baker Petrolite Corporation further acknowledges that these conditions and requirements of this permit may be changed administratively by the Division for good cause shown as necessary to protect fresh water, human health and the environment.

Accepted:

BAKER PETROLITE CORPORATION.

by _____

Title _____

I hereby acknowledge receipt of check No. dated 12/18/02,
or cash received on in the amount of \$ 100.00
from Allan Mashburn for Baker Petrolite
for Bloomfield Facility GW-135
(Family Name)
Submitted by: WJ Ford Date: 1-7-03 (DP No.)
Submitted to ASD by: Date:
Received in ASD by: Date:

Organization Code 521.07 Applicable FY 2001

To be deposited in the Water Quality Management Fund.

Full Payment ☒ or Annual Increment ☐

ALLAN MASHBURN
P.O. BOX 7000 789-0357
VERNAL, UT 84078

12-33

12/18/02

Payable order of NMED Water Quality Management \$ 100.00

One hundred and 00/100 Dollars

ZIONS BANK
One West Main Street
Vernal, UT 84078
Phone 789-0357

ALLAN MASHBURN



Baker Petrolite

P.O. Box 1030
Vernal, Utah 84078
Tel 435-789-3351
Fax 435-789-2835

December 18, 2002

State Of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Reference: Discharge Plan GW-135

Enclosed is a "Request for Renewal and Modification of Discharge Plan GW-135" form for Baker Petrolite's facility in Bloomfield, New Mexico. The modification is an update of the materials stored at the facility and replaces the information in Appendix C of our revised application submitted August 20, 1996.

This application includes;

1. A check for the \$100.00 filing fee.
2. A revised list of the materials stored at the facility.

Should you have any questions concerning this information, please call me at 435-789-3351.

Sincerely,

A handwritten signature in black ink, appearing to read "Allan Mashburn", written over a horizontal line.

Allan Mashburn
District Manager
Baker Petrolite

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

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Revised January 24, 2001

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

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

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

☐ New ☒ Renewal ☒ Modification

1. Type: Renewal Discharge Plan, GW-135
2. Operator: Baker Petrolite Corporation
- Address: No. 2 County Road 5046
- Contact Person: Allan Mashburn Phone: (435) 789-3351
3. Location: /4 NW /4 Section 3 Township 29 North Range 11 West

Submit large scale topographic map showing exact location.

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

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

Name: Allan Mashburn Title: District Manager

Signature: Allan Mashburn Date: 12/18/02

Baker Petrolite Corporation**Farmington, New Mexico****Distribution Site****Proposed Materials and Uses of Stored Products**

Product Number	Product Use
CGO118	Corrosion Inhibitor, Gas, Oil Soluble
CGO200	Corrosion Inhibitor, Gas, Oil Soluble
CGO49	Corrosion Inhibitor, Gas, Oil Soluble
CGO50	Corrosion Inhibitor, Gas, Oil Soluble
CGO55	Corrosion Inhibitor, Gas, Oil Soluble
CGO61	Corrosion Inhibitor, Gas, Oil Soluble
CGO9146	Corrosion Inhibitor, Gas, Oil Soluble
CGW437	Corrosion Inhibitor, Water Soluble
CGW9107	Corrosion Inhibitor, Water Soluble
CLW3060	Cleaner, Water Soluble
CLW76	Cleaner, Water Soluble
CRO147	Corrosion Inhibitor, Gas, Oil Soluble
CRO195	Corrosion Inhibitor, Gas, Oil Soluble
CRO381	Corrosion Inhibitor, Gas, Oil Soluble
CRO5470	Corrosion Inhibitor, Gas, Oil Soluble
CRS915	Corrosion Inhibitor, Water Soluble
CRS935	Corrosion Inhibitor, Water Soluble
CRW10	Corrosion Inhibitor, Water Soluble
CRW100	Corrosion Inhibitor, Water Soluble
CRW132	Corrosion Inhibitor, Water Soluble
CRW1500	Corrosion Inhibitor, Water Soluble
CRW37	Corrosion Inhibitor, Water Soluble
CRW5449	Corrosion Inhibitor, Water Soluble
CRW9133	Corrosion Inhibitor, Water Soluble
CRW9145	Corrosion Inhibitor, Water Soluble
CRW9152	Corrosion Inhibitor, Water Soluble
DFO119	Defoamer, Oil Soluble
DFO3043U	Defoamer, Oil Soluble
DMO146	Demulsifier, Oil Soluble
DMO2256	Demulsifier, Oil Soluble
DMO295	Demulsifier, Oil Soluble
DMO3453	Demulsifier, Oil Soluble
DMO4039	Demulsifier, Oil Soluble
DMO651	Demulsifier, Oil Soluble

Product Number	Product Use
FMS305	Gas Generator, Water Soluble
FMS335	Water Treatment, Water Soluble
FMW2	Foamer, Water Soluble
FMW500	Foamer, Water Soluble
HSW310	H2S Scavenger, Water Soluble
HSW700	H2S Scavenger, Water Soluble
HSW710	H2S Scavenger, Water Soluble
HSWM-370	H2S Scavenger, Water Soluble
OSW494	Oxygen Scavenger, Water Soluble
OSW5200	Oxygen Scavenger, Water Soluble
PAO100	Paraffin Inhibitor, Oil Soluble
PAO103	Paraffin Inhibitor, Oil Soluble
PAO172	Paraffin Inhibitor, Oil Soluble
PAO2000	Paraffin Inhibitor, Oil Soluble
PAO42	Paraffin Inhibitor, Oil Soluble
PAO480	Paraffin Inhibitor, Oil Soluble
PAO72	Paraffin Inhibitor, Oil Soluble
PAO77	Paraffin Inhibitor, Oil Soluble
PEP1	Production Enhancement
PEP7	Production Enhancement
PFR23	Methanol
PFR549	Sodium Hypochloride
RBW239	Reverse Breaker, Water Soluble
RBW255	Reverse Breaker, Water Soluble
RBW300	Reverse Breaker, Water Soluble
RBW6020Y	Reverse Breaker, Water Soluble
RE4302	Corrosion Inhibitor, Water Soluble
RE4336CRW	Corrosion Inhibitor, Water Soluble
RE4754SC	Scale Inhibitor, Water Soluble
RE4773HSS	Sulfide Inhibitor, Water Soluble
RE4863SCW	Salt Inhibitor, Water Soluble
SCW1442	Scale Inhibitor, Water Soluble
SCW237	Scale Inhibitor, Water Soluble
SCW2600	Scale Inhibitor, Water Soluble
SCW26	Scale Inhibitor, Water Soluble
SCW299	Scale Inhibitor, Water Soluble
SCW3070	Scale Inhibitor, Water Soluble
SCW319	Scale Inhibitor, Water Soluble
SCW4034	Scale Inhibitor, Water Soluble

Product Number	Product Use
SCW4051	Scale Inhibitor, Water Soluble
SRW196	Scale Remover, Water Soluble
SRW4804	Scale Remover, Water Soluble
TD500K	Foamer
WAO2613	Wetting Agent, Oil Soluble
WAW273	Wetting Agent, Water Soluble
WAW3003	Wetting Agent, Water Soluble
WAW3037	Wetting Agent, Water Soluble
WAW9000	Wetting Agent, Water Soluble
WCW1610	Wetting Agent, Water Soluble
WCW219	Wetting Agent, Water Soluble
WCW4488	Wetting Agent, Water Soluble
WCW4526	Wetting Agent, Water Soluble
WCW5827	Wetting Agent, Water Soluble
WLC821	Stimulation
XC102W	Industrial Biocide
XC107W	Industrial Biocide
XC137	Industrial Biocide
XC150	Industrial Biocide
XC302	Industrial Biocide
XC307	Industrial Biocide
XC402	Industrial Biocide
XC600	Industrial Biocide



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor
Betty Rivera
Cabinet Secretary

November 22, 2002

Lori Wrotenberg
Director
Oil Conservation Division

CERTIFIED MAIL

RETURN RECEIPT NO. 3929 9284

Ms. Ann Potten, CHMM
Baker Petrolite Corporation
12645 West Airport Boulevard
Sugar Land, Texas 77478

**RE: Discharge Plan GW-135 Renewal
Baker Petrolite Corporation Farmington Service Facility
San Juan County, New Mexico**

Dear Ms. Potten:

On May 28, 1998, the renewal discharge plan, GW-135, for the Baker Petrolite Corporation Farmington Service Facility located in the NW/4 of Section 3, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico, was approved by the Director of the New Mexico Oil Conservation Division (OCD). This discharge plan was required and submitted pursuant to Water Quality Control Commission (WQCC) regulations and was approved for a period of five years. **The approval will expire on March 15, 2003.**

If the facility continues to have potential or actual effluent or leachate discharges and wishes to continue operation, the discharge plan must be renewed. **Pursuant to 20 NMAC 6.2. 3106.F., if an application for renewal is submitted at least 120 days before the discharge plan expires, then the existing approved discharge plan for the same activity shall not expire until the application for renewal has been approved or disapproved.** The OCD is reviewing discharge plan submittals and renewals carefully and the review time can extend for several weeks to months. Please indicate whether Baker Petrolite Corporation has made or intends to make, any changes in the system, and if so, please include these modifications in the application for renewal.

The discharge plan renewal application for the **Baker Petrolite Corporation Farmington Service Facility** is subject to WQCC Regulation 20 NMAC 6.2.3114. Every billable facility submitting a discharge plan renewal will be assessed a fee equal to the filing fee of \$100.00 plus a flat fee equal to \$1,700.00 for oil field service company facilities. The \$100.00 filing fee is to be submitted with the discharge plan renewal application and is nonrefundable.

Ms. Ann Potten, CHMM

November 22, 2002

Page 2

Please make all checks payable to: **NMED-Water Quality Management** and addressed to the OCD Santa Fe Office. Please submit the original discharge plan renewal application and one copy to the OCD Santa Fe Office and one copy to the OCD Aztec District Office. **Note that the completed and signed application form must be submitted with your discharge plan renewal request.** A complete copy of the regulations and forms is available on OCD's website at www.emnrd.state.nm.us/oed/.

If the Baker Petrolite Corporation's Farmington Service Facility no longer has any actual or potential discharges and a discharge plan is not needed, please notify this office. If the Baker Petrolite Corporation has any questions, please do not hesitate to contact Mr Jack Ford at (505) 476-3489.

Sincerely,

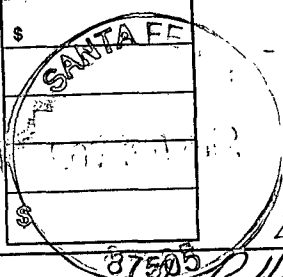


Roger C. Anderson
Chief, Environmental Bureau
Oil Conservation Division

RCA/wjf

cc: OCD Aztec District Office

7007 1940 0004 3929 9284

OFFICIAL USE	
U.S. Postal Service CERTIFIED MAIL RECEIPT (Domestic Mail Only; No Insurance Coverage Provided)	<i>LORD</i>
Postage \$	
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	
Sent To	
Street, Apt. No.; or PO Box No.	
City, State, ZIP+ 4	
PS Form 3800, January 2001	

87505
H. Potten
Baker
GW-135

Postmark Here

See Reverse for Instructions

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 3-8-99,
or cash received on _____ in the amount of \$ 690.00
from Baker Petrolite
for Farmington Facility GW-135
(Facility Name)
Submitted by: W. J. Faid Date: 3-15-99 (DP No.)
Submitted to ASD by: Logan C. Anderson Date: 3-17-99
Received in ASD by: _____ Date: _____

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

Organization Code 521.07 Applicable FY 99

To be deposited in the Water Quality Management Fund.

Full Payment X or Annual Increment _____

THIS MULTI-TONE AREA OF THE DOCUMENT CHANGES COLOR GRADUALLY AND EVENLY FROM DARK TO LIGHT WITH DARKER AREAS BOTH TOP AND BOTTOM.



BAKER PETROLITE
A Baker Hughes company

CHASE BANK OF TEXAS
SAN ANGELO, TX

88-88
1113

Baker Petrolite
P.O. Box 5050
Sugar Land, Texas 77487-5050

125454

CHECK NO. [REDACTED]

DATE 03/08/99

AMOUNT
*****\$690.00

SIX HUNDRED NINETY DOLLARS AND 00 CENTS *****

PAY ONLY SIX NINE 00
ZERO CTSCTS

NEW MEXICO ENERGY MINERALS & NATURA
RESOURCE DEPARTMENT
OIL CONSERVATION DIVISION
2040 S PACHECO STREET
SANTA FE NM 87505

James E. Braun

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 3-8-99,
or cash received on 3-15-99 in the amount of \$ 690.00

from Baker Petrolite

for ~~De~~ Farmington Facility 4W-135

Submitted by: WJ Jand Date: 3-15-99

Submitted to ASD by: _____ Date: _____

Received in ASD by: _____ Date: _____

Filing Fee _____ New Facility _____ Renewal X

Modification _____ Other _____
(specify)

Organization Code 521.07 Applicable FY 99

To be deposited in the Water Quality Management Fund.

Full Payment X or Annual Increment _____

BAKER PETROLITE

A Baker Hughes company

REFER TO THE INVOICE NUMBERS BELOW IN COMMUNICATIONS ADDRESSED
TO BAKER PERFORMANCE CHEMICALS INCORPORATED AT THIS ADDRESS

125454

NEW MEXICO ENERGY MINERALS & NATURAL

P.O. BOX 5050

SUGARLAND, TEXAS 77487-5050 U.S.A.

CHECK NO.

INVOICE	DATE	DESCRIPTION	NET	DISCOUNT	AMOUNT
FMNMGW135	030299	DISCHARGE PLAN FEE	690.00		690.00
			----- 690.00	-----	----- 690.00

DETACH AND RETAIN THIS STUB FOR YOUR RECORDS

THIS MULTI-TONE AREA OF THE DOCUMENT CHANGES COLOR GRADUALLY AND EVENLY FROM DARK TO LIGHT WITH DARKER AREAS BOTH TOP AND BOTTOM.

**BAKER PETROLITE**

A Baker Hughes company

CHASE BANK OF TEXAS
SAN ANGELO, TX88-88
1113**Baker Petrolite**P.O. Box 5050
Sugar Land, Texas 77487-5050

125454

CHECK NO.

DATE

03/08/99

AMOUNT

*****\$690.00

SIX HUNDRED NINETY DOLLARS AND 00 CENTS *****

PAY ONLY **SIX NINE** **690.00**
ZERO CTSCTS

NEW MEXICO ENERGY MINERALS & NATURAL
RESOURCE DEPARTMENT
OIL CONSERVATION DIVISION
2040 S PACHECO STREET
SANTA FE NM 87505

BAKER PETROLITE

A Baker Hughes company

REFER TO THE INVOICE NUMBERS BELOW IN COMMUNICATIONS ADDRESSED
TO BAKER PERFORMANCE CHEMICALS INCORPORATED AT THIS ADDRESS

125454

NEW MEXICO ENERGY MINERALS & NATURAL

P.O. BOX 5050

SUGARLAND, TEXAS 77487-5050 U.S.A.

CHECK NO.

INVOICE	DATE	DESCRIPTION	NET	DISCOUNT	AMOUNT
FMNMGW135	030299	DISCHARGE PLAN FEE	690.00		690.00
			-----	-----	-----
			690.00		690.00

DETACH AND RETAIN THIS STUB FOR YOUR RECORDS



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

February 8, 1999

CERTIFIED MAIL
RETURN RECEIPT NO. Z-357-870-061

Mr. Joseph Hofbauer
Baker Petrolite.
P.O. Box 27714
Houston, Texas 77227-7714

RE: Discharge Plan Fees GW-135
Farmington Facility
San Juan County, New Mexico

Dear Mr. Hofbauer:

On June 5, 1998, Baker Petrolite, received, via certified mail, an approval dated May 28, 1998 from the New Mexico Oil Conservation Division (OCD) for renewal of discharge plan GW-135. Each discharge plan has a filing fee and a flat fee as described in WQCC Section 3114 (**see attachment**). The OCD has not as of this date (February 8, 1999) received the annual incremental amount of \$138. The last check (Number 435905) submitted by Baker Petrolite, was dated March 4, 1998 for the filing fee required for renewal of the discharge plan. The total flat fee amount remaining is \$690.00 of the original \$690.00 flat fee for discharge plan GW-135 renewal.

Baker Petrolite will submit the remaining \$690.00 flat fee in full by March 8, 1999 in order to be in compliance with Water Quality Control Commission Regulation 3114.B.6, or the OCD may initiate enforcement actions which may include fines and/or an order to cease all operations at the facility. Please make all checks payable to: **NMED-Water Quality Management** and addressed to the OCD Santa Fe Office.

If you have any questions regarding this matter, please contact me at (505)-827-7152 or Mr. W. Jack Ford at (505) 827-7156.

Sincerely,

Roger Anderson
Environmental Bureau Chief

RCA/wjf

xc: Mr. Denny Foust - Aztec OCD district office
attachment

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505
(505) 827-7133
Fax: (505) 827-8177



(PLEASE DELIVER THIS FAX)

To: Joseph Hofbauer

From: Jack Ford - NM OGD

Date: Feb. 9, 1999

Message: Re: Discharge Plan Flat Fee
hard copy mailed today-

If you have any trouble receiving this, please call:
(505) 827-7133



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

February 8, 1999

CERTIFIED MAIL
RETURN RECEIPT NO. Z-357-870-061

Mr. Joseph Hofbauer
Baker Petrolite.
P.O. Box 27714
Houston, Texas 77227-7714

RE: Discharge Plan Fees GW-135
Farmington Facility
San Juan County, New Mexico


Dear Mr. Hofbauer:

On June 5, 1998, Baker Petrolite, received, via certified mail, an approval dated May 28, 1998 from the New Mexico Oil Conservation Division (OCD) for renewal of discharge plan GW-135. Each discharge plan has a filing fee and a flat fee as described in WQCC Section 3114 (see attachment). The OCD has not as of this date (February 8, 1999) received the annual incremental amount of \$138. The last check (Number 435905) submitted by Baker Petrolite. was dated March 4, 1998 for the filing fee required for renewal of the discharge plan. The total flat fee amount remaining is \$690.00 of the original \$690.00 flat fee for discharge plan GW-135 renewal.

Baker Petrolite will submit the remaining \$690.00 flat fee in full by March 8, 1999 in order to be in compliance with Water Quality Control Commission Regulation 3114.B.6, or the OCD may initiate enforcement actions which may include fines and/or an order to cease all operations at the facility. Please make all checks payable to: **NMED-Water Quality Management** and addressed to the OCD Santa Fe Office.

If you have any questions regarding this matter, please contact me at (505)-827-7152 or Mr. W. Jack Ford at (505) 827-7156.

Sincerely,


Roger Anderson
Environmental Bureau Chief

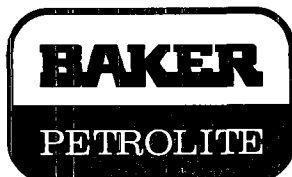
RCA/wjf

xc: Mr. Denny Foust - Aztec OCD district office
attachment

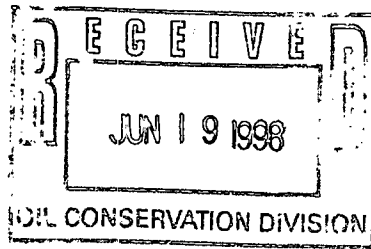
PS Form 3800, April 1995

US Postal Service Receipt for Certified Mail No Insurance Coverage Provided. Do not use for International Mail (See reverse)	
Sent to	Joseph Hofbauer
Street & Number	Baker Petrolite
Post Office, State, & ZIP Code	Houston
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	GW-135

Z 357 870 061



A Baker Hughes company



Baker Petrolite

3900 Essex Lane, Suite 300
Houston, TX 77027
P.O. Box 27714
Houston, Texas 77227-7714
Phone: (713) 599-7480
Fax: (713) 599-7460
Web site: www.bakerhughes.com/bapt

(281) 276-5400

Direct dial -
281-275-7424

June 11, 1998

Lori Wrotenbery, Director
Oil Conservation Division
Energy, Minerals and Natural Resources Department
State of New Mexico
2040 S. Pacheco
Santa Fe NM 87505

RE: Baker Petrolite, Discharge Plan Renewal (GW-135)
Bloomfield Facility

Dear Ms. Wrotenbery:

Pursuant to your letter of May 28, 1998, please find enclosed one executed copy of the Attachment to the Discharge Plan GW-135 (Discharge Approval Conditions), plus the fee of \$690.00.

We thank the OCD for their attention to this matter, and if you have any questions, please do not hesitate to contact me at 713-599-7424.

Sincerely,

Joseph Hofbauer
Senior Manager, Environmental Programs

JH/ams

Bloomfield (No. 2 Co. Rd. 5046), NM - water
process - permit - final

2-5-99
called - left msg to call

4/12/00
Not answering #

6-20-98
No Check - contacted
Joe Hofbauer - looking
for check

FAX-281-275-7385



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

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

May 28, 1998

CERTIFIED MAIL
RETURN RECEIPT NO. Z-357-869-967

Mr. Joseph Hofbauer
Baker Petrolite
P.O. Box 27714
Houston, Texas 77227-7714

RE: Renewal Discharge Plan GW-135 Approval
Baker Petrolite
Bloomfield Facility
San Juan County, New Mexico

Dear Mr. Hofbauer:

The ground water discharge plan GW-135 for the Baker Petrolite Bloomfield Facility located in the NW/4 of Section 3, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico, is **hereby approved** under the conditions contained in the enclosed attachment. The discharge plan renewal application letter dated March 3, 1998 is approved effective May 28, 1998. Enclosed are two copies of the conditions of approval. **Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe Office within 10 working days of receipt of this letter.**

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

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

Mr. Joseph Hofbauer
May 28, 1998
Page 2

Please note that Section 3104 of the regulations provides: "When a facility has been approved, discharges must be consistent with the terms and conditions of the plan." Pursuant to Section 3107.C., Baker Petrolite is required to notify the Director of any facility expansion, production increase, or process modification that would result in any change in the discharge of water quality or volume.

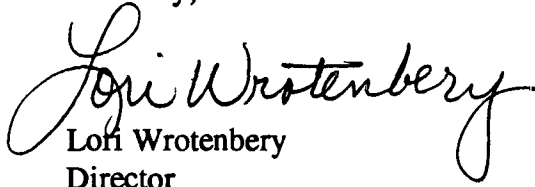
Pursuant to Section 3109.G.4., this plan is for a period of five years. This approval will expire on March 15, 2003, and Baker Petrolite should submit an application in ample time before this date. Note that under Section 3106.F. of the regulations, if a discharger submits a discharge plan renewal application at least 120 days before the discharge plan expires and is in compliance with the approved plan, then the existing discharge plan will not expire until the application for renewal has been approved or disapproved. It should be noted that all discharge plan facilities will be required to submit the results of an underground drainage testing program as a requirement for discharge plan renewal.

The discharge plan renewal application for the Baker Petrolite Bloomfield Facility is subject to WQCC Regulation 3114. Every billable facility submitting a renewal discharge plan application will be assessed a fee equal to the filing fee of \$50 plus one-half of the original flat fee of \$1380.00 for oil field service companies. The OCD has received the filing fee. The renewal flat fee of \$690.00 may be paid in a single payment due on the date of the discharge plan approval or in five equal installments over the expected duration of the discharge plan. Installment payments shall be remitted yearly, with the first installment due on the date of the discharge plan approval.

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

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

Sincerely,


Lori Wrotenberg
Director

LW/wjf
Attachment

xc: OCD Aztec Office

7 357 869 967

US Postal Service	
Receipt for Certified Mail	
No Insurance Coverage Provided.	
Do not use for International Mail (See reverse)	
Sent to	Joe Hofbauer
Street Number	Baker Petrolite
Post Office, State, & ZIP Code	Houston
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	5W-135

PS Form 3800, April 1995

ATTACHMENT TO THE DISCHARGE PLAN GW-135
BAKER PETROLITE
BLOOMFIELD FACILITY
DISCHARGE PLAN APPROVAL CONDITIONS
(May 28, 1998)

1. Payment of Discharge Plan Fees: The \$50.00 filing fee has been submitted. The \$690.00 required flat fee may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the plan, with the first payment due upon receipt of this approval.
2. Baker Petrolite Commitments: Baker Petrolite will abide by all commitments submitted in the discharge plan application approved March 15, 1993, the modification letter from Petrolite Corporation dated August 20, 1996, and this approval letter with conditions of approval from OCD dated May 28, 1998.
3. Waste Disposal: All wastes will be disposed of at an OCD approved facility. Only oilfield exempt wastes shall be disposed of down Class II injection wells. Non-exempt oilfield wastes that are non-hazardous may be disposed of at an OCD approved facility upon proper waste characterization per 40 CFR Part 261.
4. Drum Storage: All drums containing materials other than fresh water must be stored on an impermeable pad with curbing. All empty drums will be stored on their sides with the bungs in and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets will also be stored on an impermeable pad and curb type containment.
5. Process Areas: All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device incorporated into the design.
6. Above Ground Tanks: All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new tanks or existing tanks that undergo a major modification, as determined by the Division, must be placed within an impermeable bermed enclosure.
7. Above Ground Saddle Tanks: Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.
8. Labeling: All tanks, drums and containers will be clearly labeled to identify their contents and other emergency notification information.

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

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

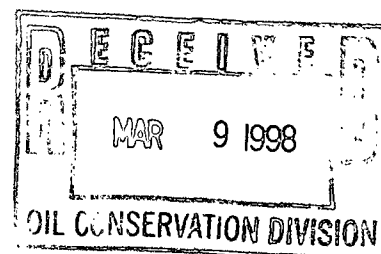
Accepted:

BAKER PETROLITE

by _____
Title



A Baker Hughes company



March 3, 1998

Mr. Jack Ford
New Mexico Energy, Minerals & Natural Resource Department
Oil Conservation Division
2040 South Pacheco Street
Sante Fe, New Mexico 87505
Fax: 505/827-8177

Re: Modification and Renewal of to Discharge Plan GW-135
Baker Petrolite Bloomfield Facility
San Juan County, New Mexico

Dear Mr. Ford:

As per our discussion, please modify the referenced discharge plan to include the new name Baker Petrolite. As we discussed, Baker Performance Chemicals Inc. and Petrolite Corporation merged last year to form Baker Petrolite. Other than the name change, there should be no modification to the current discharge plan. The contact at the site shall remain David Birzer. He can be reached at 505/632-1000.

We are also requesting that the facility discharge plan be renewed. Baker Petrolite will operate the site under the terms and conditions of the current plan and do not anticipate any needed modifications to that plan. Enclosed is a check for \$50.00 to cover the related application fee. I understand that a flat fee of \$345.00 will be billed at a later date.

Sincerely,

A handwritten signature in dark ink, appearing to read "Joe Hofbauer", with a long horizontal line extending to the right.

Joseph Hofbauer

Enc.

1
BAKER PETROLITE
A Baker Hughes company

Check No. - [REDACTED]
Check Date - 03/04/98
CHECK NO [REDACTED]

PAYMENT ADVICE

Stub 1 of 1

INVOICE		COMMENT	GROSS	DEDUCTIONS	AMOUNT P
NUMBER	DATE				
0398	030498	BLOOMFIELD NM WATER DISCHG FEE	50.00		
			50.00		

DETACH BEFORE DEPOSIT

THIS MULTI-TONE AREA OF THE DOCUMENT CHANGES COLOR GRADUALLY AND EVENLY FROM DARK TO LIGHT WITH DARKER AREAS AT THE TOP AND BOTTOM



Baker Petrolite
P.O. Box 27714
Houston, Texas 77227

TEXAS COMMERCIAL BANK
1175

DATE	AMOUNT
03/04/98	\$*****50.00

PAY
FIFTY AND 00/100 *****
TO THE ORDER OF:

VOID AFTER 60 DAYS

NEW MEXICO ENERGY MINERALS & NATURAL
RESOURCE DEPARTMENT
OIL CONSERVATION DIVISION
2040 S PACHECO STREET
SANTA FE NM 87505

[Signature]

THE ORIGINAL DOCUMENT HAS A REFLECTIVE WATERMARK ON THE BACK. HOLD AT AN ANGLE TO VIEW WHEN CHECKING THE ENDORSEMENT

Ford, Jack

From: Price, Wayne
Sent: Tuesday, March 10, 1998 11:11 AM
To: Ford, Jack
Cc: Chris Williams; Roger Anderson
Subject: Baker Chem Lovington Yard GW-207

Dear Jack:

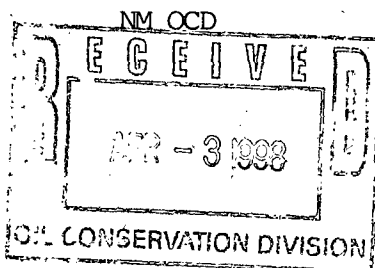
Joe Lewis with Baker Chemical called today and notified us they are closing their Lovington NM yard GW-203. They have hired a consultant to perform a closing audit of the property which includes sampling/testing and disposal of waste, etc.

They have purchased the Tretolite/Petrolite Co. and have combined their operations and moved to the Tretolite facility located in Hobbs, NM GW-203, now called Baker.

I informed Mr. Lewis they need to contact you for the Lovington DP closure and to modify the GW-203 facility for the name change.

The Santa Fe New Mexican

Since 1849. We Read You.



AD NUMBER: 17946

ACCOUNT: 56689

LEGAL NO: 63248

P.O. #: 98-199-000257

160 LINES ONCE at \$ 64.00

Affidavits: 5.25

Tax: 4.33

Total: \$ 73.58

NOTICE OF PUBLICATION

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RE- SOURCE DEPARTMENT OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan application(s) have been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

(GW-135) - Petrolite (formerly Petrolite Corporation), Mr. Joseph Hofbauer, P.O. Box 27714, Houston, Texas 77227, has submitted a Discharge Plan Renewal Application for their Bloomfield Facility located in the NW/4, Section 3, Township 29 North, Range 11 East, NMPM, San Juan County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 180 feet with a total dissolved solids concentration ranging from approximately 2,000 to 4,000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

Any interested person may

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

If no public hearing is held, the Director will approve or disapprove the plan(s) based on information available. If a public hearing is held, the Director will approve the plan(s) based on the information in the discharge plan application(s) and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 11th day of March 1998.

STATE OF NEW MEXICO
OIL CONSERVATION
DIVISION
LORI WROTENBERY,
Director

Legal #63248

Pub. March 30, 1998

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO
COUNTY OF SANTA FE

I, BETSY PERNER being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily news paper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a Newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication # 63248 a copy of which is hereto attached was published in said newspaper once each WEEK for ONE consecutive week(s) and that the notice was published in the newspaper proper and not in any supplement; the first publication being on the 30 day of MARCH 1998 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/S/

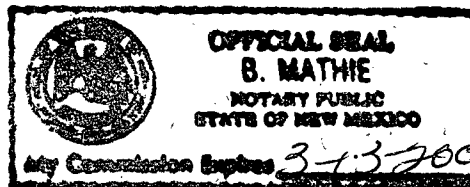
Betsy Perner

LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 30 day of MARCH A.D., 1998

Notary B. Mathie

Commission Expires 3-13-2001



ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 3/4/98

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

from Petrolite

for Bloomfield GW-135

Submitted by: _____ Date: _____

Submitted to ASD by: R. Chud Date: 3/12/98

Received in ASD by: _____ Date: _____

Filing Fee XR New Facility _____ Renewal _____

Modification _____ Other _____

Organization Code 521.07 Applicable FY 98

To be deposited in the Water Quality Management Fund.

Full Payment _____ or Annual Increment _____

IS MULTI-TONE AREA OF THE DOCUMENT CHANGES COLOR GRADUALLY AND EVENLY FROM DARK TO LIGHT WITH DARKER AREAS BOTH TOP AND BOTTOM



Baker Petrolite
P.O. Box 27714
Houston, Texas 77227

TEXAS COMMERCE BANK
SAN ANGELO, TX
88-88
1113

CHECK NO.



125454

DATE	AMOUNT
03/04/98	\$*****50.00

VOID AFTER 60 DAYS

PAY

FIFTY AND 00/100 *****
TO THE ORDER OF:

NEW MEXICO ENERGY MINERALS & NATURAL
RESOURCE DEPARTMENT
OIL CONSERVATION DIVISION
2040 S PACHECO STREET
SANTA FE NM 87505

1

BAKER PETROLITE
A Baker Hughes company

Check No. - [REDACTED]
Check Date - 03/04/98

CHECK NO. [REDACTED]

PAYMENT ADVICE

Stub 1 of 1

INVOICE		COMMENT	GROSS	DEDUCTIONS	AMOUNT PAID
NUMBER	DATE				
0398	030498	BLOOMFIELD NM WATER DISCHG FEE	50.00		50.
			50.00		50.
		GW-135 [Signature]			

DETACH BEFORE DEPOSITING



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

March 24, 1998

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

Re: Notice of Publication

P 269 262 619

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

Sent to	Farmington Daily Times	
Street & Number	Post Office Box 450	
Post Office	Farmington, NM 87401	
Postage	\$	
Certified Fee		
Special Delivery Fee		
Restricted Delivery Fee		
Return Receipt Showing to Whom & Date Delivered		
Return Receipt Showing to Whom, Date, & Addressee's Address		
TOTAL Postage & Fees	\$	
Postmark or Date		

PS Form 3800, April 1995

Dear Sir/Madam:

Please publish the attached notice one time immediately on receipt of this request. Please proofread carefully, as any error in a land description or in a key word or phrase can invalidate the entire notice.

Immediately upon completion of publication, please send the following to this office:

- 1. Publisher's affidavit in duplicate.*
- 2. Statement of cost (also in duplicate).*
- 3. Certified invoices for prompt payment.*

We should have these immediately after publication in order that the legal notice will be available for the hearing which it advertises, and also so that there will be no delay in your receiving payment.

Please publish the notice no later than March 31, 1998

Sincerely,

Sally Martinez
Sally Martinez
Administrative Secretary

Attachment

NOTICE OF PUBLICATION

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

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan application(s) have been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

(GW-135)-Baker Petrolite (formerly Petrolite Corporation), Mr. Joseph Hofbauer, P.O. Box 27714, Houston, Texas 77227, has submitted a Discharge Plan Renewal Application for their Bloomfield Facility located in the NW/4, Section 3, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 180 feet with a total dissolved solids concentration ranging from approximately 2,000 to 4,000 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 11th day of March 1998.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



LORI WROTENBERY, Director

S E A L



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

March 24, 1998

Artesia Daily Press
Attention: Advertising Manager
Post Office Box 190
Artesia, New Mexico 88211

Re: Notice of Publication

P 269 262 616

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

Sent to	Artesia Daily Press
Post Office, State, Zip Code	Artesia, NM 88210
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, April 1995

Dear Sir/Madam:

Please publish the attached notice one time immediately on receipt of this request. Please proofread carefully, as any error in a land description or in a key word or phrase can invalidate the entire notice.

Immediately upon completion of publication, please send the following to this office:

1. Publisher's affidavit in duplicate.
2. Statement of cost (also in duplicate).
3. Certified invoices for prompt payment.

We should have these immediately after publication in order that the legal notice will be available for the hearing which it advertises, and also so that there will be no delay in your receiving payment.

Please publish the notice no later than March 31, 1998.

Sincerely,

Sally Martinez
Sally Martinez
Administrative Secretary

Attachment

NOTICE OF PUBLICATION

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

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan application(s) have been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

(GW-022) - ARCO Permian, Margaret Lowe, (915) 688-5200, P. O. Box 1610, Midland, Texas 79702, has submitted a major discharge plan modification application for the ARCO Empire Abo Gasoline Plant located in the NE/4 SE/4 of Section 3, Township 18 South, Range 27 East, NMPM, Eddy County, New Mexico. Approximately 17,500 gallons per day of waste water with a total dissolved solids concentration ranging from 3,000-4,000 mg/l will be collected and stored in an above ground open top steel tank prior to transport via pipeline to a land application area, encompassing approximately 22 acres, located in the NW/4 of Section 21, Township 18 South, Range 27 East, NMPM. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 3,000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 23th day of March, 1998.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



LORI WROTENBERY, Director

S E A L



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

March 24, 1998

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

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

Dear Ms. Perner:

Please publish the attached notice one time immediately on receipt of this request. Please proofread carefully, as any error in a land description or in a key word or phrase can invalidate the entire notice.

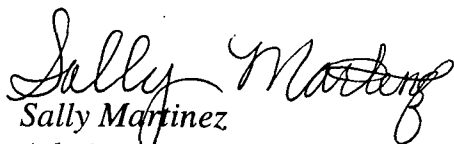
Immediately upon completion of publication, please send the following to this office:

- 1. Publisher's affidavit.**
- 2. Invoices for prompt payment.**

We should have these immediately after publication in order that the legal notice will be available for the hearing which it advertises, and also so that there will be no delay in your receiving payment.

Please publish the notice no later than Monday, March 30, 1998.

Sincerely,


Sally Martinez
Administrative Secretary

Attachment

NOTICE OF PUBLICATION

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

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan application(s) have been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

(GW-135)-Baker Petrolite (formerly Petrolite Corporation), Mr. Joseph Hofbauer, P.O. Box 27714, Houston, Texas 77227, has submitted a Discharge Plan Renewal Application for their Bloomfield Facility located in the NW/4, Section 3, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 180 feet with a total dissolved solids concentration ranging from approximately 2,000 to 4,000 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 11th day of March 1998.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



 LORI WROTENBERY, Director

S E A L



A Baker Hughes company

March 3, 1998

Mr. Jack Ford
New Mexico Energy, Minerals & Natural Resource Department
Oil Conservation Division
2040 South Pacheco Street
Sante Fe, New Mexico 87505
Fax: 505/827-8177

Re: Modification and Renewal of to Discharge Plan GW-135
Baker Petrolite Bloomfield Facility
San Juan County, New Mexico

Dear Mr. Ford:

As per our discussion, please modify the referenced discharge plan to include the new name Baker Petrolite. As we discussed, Baker Performance Chemicals Inc. and Petrolite Corporation merged last year to form Baker Petrolite. Other than the name change, there should be no modification to the current discharge plan. The contact at the site shall remain David Birzer. He can be reached at 505/632-1000.

We are also requesting that the facility discharge plan be renewed. Baker Petrolite will operate the site under the terms and conditions of the current plan and do not anticipate any needed modifications to that plan. Enclosed is a check for \$50.00 to cover the related application fee. I understand that a flat fee of \$345.00 will be billed at a later date.

Sincerely,

A handwritten signature in dark ink, appearing to read "Joe Hofbauer", with a long horizontal line extending to the right.

Joseph Hofbauer

Enc.

TRANSMITTAL COVER SHEET

Oil Conservation Division
(505) 827-7131 (Office)
(505) 827-8177 (Fax)

Please Deliver This Fax To:

713-599-7585

TO: Joe Hofbauer

FROM: Jack Ford - NMOC

SUBJECT: Petrolite Bloomfield GW-135 Renewal

DATE: Feb. 27, 1998

PAGES: 3 (including cover sheet)

If You Have Any Problems Receiving This Fax
Please Call the Number Above

Joe -

I have not included the enclosures noted
in the letter. See our web-page if necessary.
If you have any questions contact me.

Best Regards

Jack



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

February 6, 1998

CERTIFIED MAIL

RETURN RECEIPT NO. Z-357-869-920

Mr. George A. Cary
Manager, Regional SHEA Operations
Petrolite Corporation
369 Marshall Avenue
St. Louis, Missouri 63119-1897

**RE: Discharge Plan GW-135 Renewal
Petrolite Bloomfield Facility
San Juan County, New Mexico**

Dear Mr. Cary:

On March 15, 1993, the groundwater discharge plan, GW-135, for the Petrolite Bloomfield Facility located in Section 3, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico, was approved by the Director of the New Mexico Oil Conservation Division (OCD). This discharge plan was required and submitted pursuant to Water Quality Control Commission (WQCC) regulations and was approved for a period of five years. **The approval will expire on March 15, 1998.**

If the facility continues to have potential or actual effluent or leachate discharges and wishes to continue operation, the discharge plan must be renewed. **Pursuant to Section 3106.F., if an application for renewal is submitted at least 120 days before the discharge plan expires (on or before November 15, 1997), then the existing approved discharge plan for the same activity shall not expire until the application for renewal has been approved or disapproved.** The OCD is reviewing discharge plan submittals and renewals carefully and the review time can extend for several weeks to months. **To date the OCD has not received an application for renewal of GW-135.** Please indicate whether Petrolite Corporation has made or intends to make, any changes in the system, and if so, please include these modifications in the application for renewal.

The discharge plan renewal application for the **Petrolite Bloomfield Facility** is subject to WQCC Regulation 3114. Every billable facility submitting a discharge plan renewal will be assessed a fee

Mr. George A. Cary

February 6, 1998

Page 2

equal to the filing fee of \$50.00 plus a flat fee equal to one-half of the original flat fee for service company facilities. The \$50.00 filing fee is to be submitted with the discharge plan renewal application and is nonrefundable.

Please make all checks payable to: **NMED-Water Quality Management** and addressed to the OCD Santa Fe Office. Please submit the original discharge plan renewal application and one copy to the OCD Santa Fe Office and one copy to the OCD Aztec District Office. **Note that the completed and signed application form must be submitted with your discharge plan renewal request.** (Copies of the WQCC regulations and discharge plan application form and guidelines are enclosed to aid you in preparing the renewal application. A complete copy of the regulations is also available on OCD's website at www.emnrd.state.nm.us/oed/).

If the Bloomfield Facility no longer has any actual or potential discharges and a discharge plan is not needed, please notify this office. If the Petrolite Corporation has any questions, please do not hesitate to contact me at (505) 827-7152.

Sincerely,



Roger C. Anderson
Chief, Environmental Bureau
Oil Conservation Division

RCA/wjf

enclosed: 20 NMAC 6.2 "WQCC Regulations", Discharge Plan Guidelines, Discharge Plan Application form

cc: OCD Aztec District Office



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

February 6, 1998

CERTIFIED MAIL
RETURN RECEIPT NO. Z-357-869-920

Mr. George A. Cary
Manager, Regional SHEA Operations
Petro-lite Corporation
369 Marshall Avenue
St. Louis, Missouri 63119-1897

**RE: Discharge Plan GW-135 Renewal
Petro-lite Bloomfield Facility
San Juan County, New Mexico**

Dear Mr. Cary:

On March 15, 1993, the groundwater discharge plan, GW-135, for the Petro-lite Bloomfield Facility located in Section 3, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico, was approved by the Director of the New Mexico Oil Conservation Division (OCD). This discharge plan was required and submitted pursuant to Water Quality Control Commission (WQCC) regulations and was approved for a period of five years. **The approval will expire on March 15, 1998.**

If the facility continues to have potential or actual effluent or leachate discharges and wishes to continue operation, the discharge plan must be renewed. **Pursuant to Section 3106.F., if an application for renewal is submitted at least 120 days before the discharge plan expires (on or before November 15, 1997), then the existing approved discharge plan for the same activity shall not expire until the application for renewal has been approved or disapproved.** The OCD is reviewing discharge plan submittals and renewals carefully and the review time can extend for several weeks to months. **To date the OCD has not received an application for renewal of GW-135.** Please indicate whether Petro-lite Corporation has made or intends to make, any changes in the system, and if so, please include these modifications in the application for renewal.

The discharge plan renewal application for the **Petro-lite Bloomfield Facility** is subject to WQCC Regulation 3114. Every billable facility submitting a discharge plan renewal will be assessed a fee

Mr. George A. Cary
February 6, 1998
Page 2

equal to the filing fee of \$50.00 plus a flat fee equal to one-half of the original flat fee for service company facilities. The \$50.00 filing fee is to be submitted with the discharge plan renewal application and is nonrefundable.

Please make all checks payable to: **NMED-Water Quality Management** and addressed to the OCD Santa Fe Office. Please submit the original discharge plan renewal application and one copy to the OCD Santa Fe Office and one copy to the OCD Aztec District Office. **Note that the completed and signed application form must be submitted with your discharge plan renewal request.** (Copies of the WQCC regulations and discharge plan application form and guidelines are enclosed to aid you in preparing the renewal application. A complete copy of the regulations is also available on OCD's website at www.emnrd.state.nm.us/ocd/).

If the Bloomfield Facility no longer has any actual or potential discharges and a discharge plan is not needed, please notify this office. If the Petrolite Corporation has any questions, please do not hesitate to contact me at (505) 827-7152.

Sincerely,



Roger C. Anderson
Chief, Environmental Bureau
Oil Conservation Division

RCA/wjf

enclosed: 20 NMAC 6.2 "WQCC Regulations", Discharge Plan Guidelines, Discharge Plan Application form

cc: OCD Aztec District Office

PS Form 3800, April 1995

US Postal Service [®]	
Receipt for Certified Mail	
No Insurance Coverage Provided.	
Do not use for International Mail (See reverse)	
Sent to	George Cary
Street & Number	Petrolite Corp.
Post Office, State, & ZIP Code	St. Louis, MO
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	GAW-135

Z 357 869 920

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 11/6/96,
or cash received on _____ in the amount of \$ 690.00
from Petrolite
for Bloomfield GW-135
(Facility Name) (DP No.)
Submitted by: _____ Date: _____
Submitted to ASD by: RC [Signature] Date: 12/11/96
Received in ASD by: _____ Date: _____
Filing Fee _____ New Facility _____ Renewal X
Modification _____ Other _____
(Specify)
Organization Code 521.07 Applicable FY 97

To be deposited in the Water Quality Management Fund.

Full Payment X or Annual Increment _____



Petrolite Corporation
369 Marshall Avenue
St. Louis, MO 63119-1897

BOATMEN'S BANK OF TROY
80-1803
819

111208

CHECK NO. [REDACTED]

DATE	AMOUNT
11/06/96	*****690.00

VOID AFTER SIX MONTHS

PAY

IX HUNDRED NINETY AND 00/100 *****
TO THE ORDER OF:

NHED-WATER QUALITY MGMTAGUE
STATES OF NH-OIL CONSER. DIV.
P.O. BOX 2088-STATE OFFICE BLD
SANTA FE NM 87504

Steven J. Schaub

PETROLITE CORPORATION

Check No. [REDACTED]
Check Date - 10/06/96

CHECK NO. [REDACTED]

PAYMENT ADVICE

Stub 1 of 1

INVOICE		COMMENT	GROSS	DEDUCTIONS	AMOUNT PAID
NUMBER	DATE				
110196	110196	KAJ	690.00 ----- 690.00	-----	690.00 ----- 690.00

DETACH BEFORE DEPOSITING



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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

October 8, 1996

CERTIFIED MAIL
RETURN RECEIPT NO. P-288-258-659

Mr. George A. Cary
Manager, Regional SHEA Operations
Petrolite Corporation
369 Marshall Avenue
St. Louis, MO 63119-1897

RE: Discharge Plan Modification GW-135
Petrolite Bloomfield Facility
San Juan County, New Mexico

Dear Mr. Cary:

The discharge plan modification for the Petrolite Corporation Bloomfield Facility GW-135 located in the NW/4, Section 3, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico, is hereby approved under the conditions contained in the enclosed attachment. The discharge plan modification consists of the approval from OCD dated March 15, 1993, the modification letter from Petrolite Corporation dated August 20, 1996, and this approval letter with conditions of approval from OCD dated October 8, 1996. 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 five working days of receipt of this letter.**

The discharge plan modification was submitted pursuant to Section 3107.C of the New Mexico Water Quality Control Commission Regulations. Please note Sections 3109.E and 3109.F which provide for possible future amendments or modifications of the plan. Please be advised that the approval of this modification does not relieve **Petrolite Corporation** of liability should the operations associated with this facility result in pollution of surface water, ground water, or the environment.

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

Mr. George Cary
Petrolite Corporation
GW-135 Modification
Page 2
October 8, 1996

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

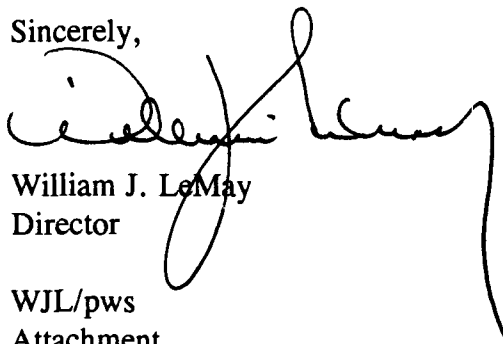
Pursuant to Section 3109.G.4, this plan is for a period of five (5) years. **This approval will expire March 15, 1998, and an application for renewal should be submitted in ample time before that date.**

The discharge plan modification for the Petrolite Corporation Bloomfield Facility GW-135 is subject to the WQCC Regulation 3114 discharge plan fee. Every billable facility submitting a discharge plan modification will be assessed a fee equal to the filing fee of fifty dollars (\$50) plus the flat fee of six-hundred and ninety dollars (\$690) for Service Companies modifying existing discharge plans.

The \$50 filing fee has been received by the OCD. The flat fee for an approved discharge plan has not been received by the OCD.

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

Sincerely,



William J. LeMay
Director

WJL/pws
Attachment

xc: Mr. Denny Foust
Mr. Dave Birzer - Petrolite Corp. P-288-258-660

P 288 258 660

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

Sent to	
Mr. Dave Birzer	
Street & Number	
Petrolite Corp.	
Post Office, State, & ZIP Code	
Gw-135 MOD	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, April 1995

P 288 258 659

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

Sent to	
Mr. Cary	
Street & Number	
Petrolite Corporation	
Post Office, State, & ZIP Code	
Gw-135 MODIFICATION	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, April 1995

Mr. George Cary
Petrolite Corporation
GW-135 Modification
Page 3
October 8, 1996

ATTACHMENT TO DISCHARGE PLAN GW-135
Petrolite Corporation - Bloomfield Facility
DISCHARGE PLAN REQUIREMENTS
(October 8, 1996)

1. **Payment of Discharge Plan Fees:** The \$690 flat fee shall be submitted upon receipt of this approval. The required flat fee may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the plan, with the first payment due upon receipt of this approval.
2. **Petrolite Corporation Commitments:** Petrolite Corporation will abide by all commitments submitted by Petrolite Corporation as part of the approval from OCD dated March 15, 1993, the modification letter from Petrolite Corporation dated August 20, 1996, and this approval letter with conditions of approval from OCD dated October 8, 1996.
3. **Drum Storage:** All drums containing materials other than fresh water must be stored on an impermeable pad and curb type containment. All empty drums should be stored on their sides with the bungs in place and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets should also be stored on an impermeable pad and curb type containment.

All drums and chemical containers shall be clearly labeled to identify their contents and other emergency information necessary if they were to rupture, spill, or ignite.
4. **Process Areas:** All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device incorporated into the design.
5. **Above Ground Tanks:** All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new facilities or modifications to existing facilities must place the tank on an impermeable type pad.
6. **Above Ground Saddle Tanks:** Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.
7. **Tank Labeling:** All tanks should be clearly labeled to identify their contents and other emergency information necessary if the tank were to rupture, spill, or ignite.
8. **Below Grade Tanks/Sumps:** All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks that do not have secondary containment and leak detection must demonstrate integrity on an annual basis. Integrity tests include pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks /or sumps.

Mr. George Cary
Petrolite Corporation
GW-135 Modification
Page 4
October 8, 1996

9. **Underground Process/Wastewater Lines:** All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity at present and then every 5 years there after. Companies may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing so that an OCD representative may witness the testing.

10. **Housekeeping:** All systems designed for spill collection/prevention should be inspected to ensure proper operation and to prevent overtopping or system failure.

Any contaminated soils that are collected at the facility will be tested for hazardous constituents, and after receiving OCD approval, will be disposed of at an OCD approved site.

11. **Spill Reporting:** All spills/releases shall be reported pursuant to OCD Rule 116 and WQCC 1203 to the Aztec OCD District Office at (505)-334-6178.

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

13. **Closure:** The OCD will be notified when operations of the facility are discontinued for a period in excess of six months. Prior to closure of the facility a closure plan will be submitted for approval by the director. Closure and waste disposal will be in accordance with the statutes, rules and regulations in effect at the time of closure.

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

Accepted:
Petrolite Corporation

by _____
Title

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 8/19/96,
or cash received on _____ in the amount of \$ 50.00

from Petrolite

for GW-13'S

Submitted by: _____ Date: _____

Submitted to ASD by: BJA Date: 10/18/96

Received in ASD by: RH Date: 10/23/96

Filing Fee X New Facility _____ Renewal _____

Modification _____ Other _____

Organization Code 521.07 Applicable FY 97

To be deposited in the Water Quality Management Fund.

Full Payment _____ or Annual Increment _____

PETROLITE

Petrolite Corporation
369 Marshall Avenue
St. Louis, MO 63119-1897

V#111208

N^o

80-289
815

August 19 _____ 19 96

PAY 50 dollars 00 cts \$ 50.00
TO THE ORDER OF

NMED Water Quality Management
State of New Mexico
Oil Conservation Division
2040 So. Pacheco St.
Santa Fe., NM 87505

TO BOATMEN'S[®]
BANK OF ROLLA, MO

PETROLITE CORPORATION
VOID AFTER SIX MONTHS

Steven J. Schrab

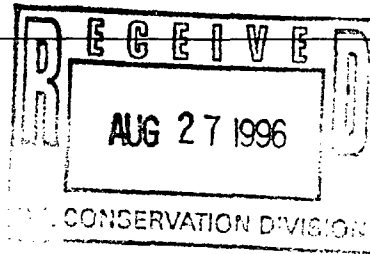
AUTHORIZED SIGNATURES

PETROLITE

Petrolite Corporation
369 Marshall Avenue
St. Louis, MO 63119-1897

(314) 961-3500
Fax (314) 968-6219

August 20, 1996



GW-135

RECEIVED

AUG 26 1996

Environmental Bureau
Oil Conservation Division

Mr. Patricio W. Sanchez
State of New Mexico
Energy, Minerals and Natural Resources Dept
Oil Conservation Commission
P.O. Box 2088
Santa Fe, N.M.

Certified Mail
Return Receipt Requested

RE: Discharge Plan GW-135 - Major Modification - revised

Dear Mr. Pat:

Enclosed, please find two copies of the revised "Request for Modification of Discharge Plan GW-135 Dated March 15, 1993". This discharge plan application supersedes the application submitted August 2, 1996. Please disregard the previous submittal. This application includes:

1. A check for the \$50.00 filing fee.
2. Provisions for a new concrete secondary containment pad for the storage of drums, I-packs, and six to eight 4,000 - 6,000 gallon bulk storage tanks, .
3. A rough sketch of the proposed construction.
4. Statement of depth to ground water and quality.
5. A closure statement
6. A revised Emergency Preparedness, Prevention & Contingency Plan and Spill Response Plan listing the OCD telephone number in Aztec, NM, and the OCD reporting requirements for ground and ground water spills.

The proposed construction is a modification of the existing permit and is intended to eliminate the non-contained overflow storage area currently used on site. Under WQCC Regulation 3106.B., Petrolite requests the director to allow construction to proceed while the discharge plan undergoes review and public comment.

Should you have any questions concerning these revisions, please contact Mr. Dave Birzer (505) 632-1000 or myself at (314)968-6068.

Sincerely,


George A Cary
Manager, Tretolite SHEA Operations

cc: Denny Foust, Geologist
Oil Conservation Division
District III
1000 Rio Brazos Road
Aztec, NM 87410

John Fisketjon
David Birzer

PETROLITE

Petrolite Corporation
369 Marshall Avenue
St. Louis, MO 63119-1897

ACCOUNTS
PAYABLE

Nº

DETACH BEFORE DEPOSITING

DATE	REFERENCE	GROSS AMOUNT	DISCOUNT	NET AMOUNT
08/19	Application Fee GW-135	\$50.00		
				\$50.00

THE ATTACHED CHECK IS IN FULL SETTLEMENT OF ACCOUNT AS STATED HEREON.

Affidavit of Publication

STATE OF NEW MEXICO

COUNTY OF LEA

)
) ss.
)

RECEIVED

SEP 27 1996

Joyce Clemens being first duly sworn on oath
deposes and says that he is Adv. Director Environmental Bureau
Oil Conservation Division

THE LOVINGTON DAILY LEADER, a daily newspaper of general paid circulation published in the English language at Lovington, Lea County, New Mexico; that said newspaper has been so published in such county continuously and uninterruptedly for a period in excess of Twenty-six (26) consecutive weeks next prior to the first publication of the notice hereto attached as hereinafter shown; and that said newspaper is in all things duly qualified to publish legal notices within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico.

That the notice which is hereto attached, entitled
Notice Of Publication

XXXXXXXXXX and numbered XXXXX in the

XXXXXXXXXX

County of New Mexico, was published in a regular and entire issue of THE LOVINGTON DAILY LEADER and not in any supplement thereof, XXXXX

XXXXX day of the week, for one (1) day

consecutive weeks, beginning with the issue of

September 4, 19 96

and ending with the issue of

September 4, 19 96

And that the cost of publishing said notice is the sum of \$ 54.40

which sum has been (Paid) (Assessed) as Court Costs

Joyce Clemens

Subscribed and sworn to before me this 19th

day of September, 19 96

Jean Sevier
Notary Public, Lea County, New Mexico

My Commission Expires Sept. 28, 19 98

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

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan renewal application and modification application have been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

(GW-75)-Weatherford Enterra, Inc., Ms. Lesa Griffin, (713)-683-4000, 515 Post Oak Blvd., Suite 600, Houston, TX, 77027, has submitted a Discharge Plan Renewal Application for their Hobbs Facility located in Section 20, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 55 feet with a total dissolved solids concentration of approximately 1323 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-135)-Petrolite Corporation, Mr. George A. Cary, (314)-968-8068, 369 Marshall Ave., St. Louis, MO, 63119, has submitted a Discharge Plan Modification Application for their Bloomfield Facility located in the NW/4, Section 3, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 180 feet with a total dissolved solids concentration ranging from approximately 2,000 to 4,000 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 28th day of August, 1996.

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

SEAL
Published in the Lovington Daily Leader September 4, 1996.

● RECEIVED

SEP 16 1996

AFFIDAVIT OF PUBLICATION

No. 36820

Environmental Bureau
Oil Conservation Division

COPY OF PUBLICATION

STATE OF NEW MEXICO

County of San Juan:

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

Wednesday, September 4, 1996;

and the cost of publication is: \$75.01.

Robert Lovett

On 9/5/96 ROBERT LOVETT appeared before me, whom I know personally to be the person who signed the above document.

Denise H. Henson
My Commission Expires May 17, 2000

Legals

NOTICE OF PUBLICATION

**STATE OF NEW MEXICO
ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT**

OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulation the following discharge plan renewal application and modification application have been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131: on 08/22/96.

(GW-75) - Weatherford Enterra, Inc., Ms. Lesa Griffin, (713)-693-4000, 515 Post Oak Bl Suite 600, Houston, TX, 77027, has submitted a Discharge Plan Renewal Application for the Hobbs Facility located in Section 20, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 55 feet with a total dissolved solids concentration of approximately 1,323 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-135) - Petrolite Corporation, Mr. George A. Cary, (314)-968-6068, 369 Marshall Ave., Louisville, MO 63119, has submitted a Discharge Plan Modification Application for their Bloomfield Facility located in the NW/4, Section 3, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 180 feet with a total dissolved solids concentration ranging from approximately 2,000 to 4,000 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, this 28th day of August, 1996.

SEAL

WJL/pws

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

Legal No. 36820 published in The Daily Times, Farmington, New Mexico on Wednesday, September 4, 1996.

The Santa Fe New Mexican

Since 1849. We Read You.

1996 SEP 16 PM 8 52

NEW MEXICO ENERGY AND MINERALS
2040 S. PACHECO ST.
SANTA FE, NM 87501

AD NUMBER: 544829

ACCOUNT: 56659

LEGAL NO: 60314

P.O. #961990029

204 LINES once at \$ 87.73
Affidavits: 5.25
Tax: 5.43
Total: \$ 92.28

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Environmental
Oil Conservation Division

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO
COUNTY OF SANTA FE

I, BETSY PERNER being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily news paper published in the English language, and having a general circulation in the Counties Santa Fe and Los Alamos, State of New Mexico and being a Newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication #60314 a copy of which is hereto attached was published in said newspaper once each week for one consecutive week(s) and that the notice was published in the newspaper proper and not in any supplement; the first publication being on the 3rd day of SEPTEMBER 1996 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/S/

Betsy Perner
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this
4th day of SEPTEMBER A.D., 1996.



OFFICIAL SEAL

LAURA E. HARDING

NOTARY PUBLIC - STATE OF NEW MEXICO

MY COMMISSION EXPIRES

11/23/99

Laura E. Harding

202 East Marcy Street • P.O. Box 2048 • Santa Fe, New Mexico 87501

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Environmental Bureau
Oil Conservation Division

NOTICE OF PUBLICATION

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

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(GW-135) Petrolite Corporation, Mr. George A. Cary, (314) 968-6068, 369 Marshall Ave., St. Louis, MO, 63119, has submitted a Discharge Plan Modification Application for their Bloomfield Facility located in the NW1/4, Section 3, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 28th day of August, 1996.

STATE OF NEW MEXICO
OIL CONSERVATION
DIVISION
WILLIAM J. LEMAY,
Director
LEGAL #60314
PUBLISH DATES: September 3, 1996.

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SEP 05 1996

Environmental Bureau
Oil Conservation Division**NOTICE OF PUBLICATION****RECEIVED**

AUG 30 1996

\$318
USFWS - NMESO**STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**

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(GW-135) -Petrolite Corporation, Mr. George A. Cary, (314)-968-6068, 369 Marshall Ave., St. Louis, MO, 63119, has submitted a Discharge Plan Modification Application for their Bloomfield Facility located in the NW/4, Section 3, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 180 feet with a total dissolved solids concentration ranging from approximately 2,000 to 4,000 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 28th day of August, 1996.

NO EFFECT FINDING

The described action will have no effect on listed species, wetlands, or other important wildlife resources.

Date September 4, 1996

Consultation # GW96OCD-1

SEAL

Approved by

U.S. FISH and WILDLIFE SERVICE

NEW MEXICO ECOLOGICAL SERVICES FIELD OFFICE

ALBUQUERQUE, NEW MEXICO

**STATE OF NEW MEXICO
OIL CONSERVATION DIVISION**

WILLIAM J. LEMAY, Director

WJL/pws

NOTICE OF PUBLICATION

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

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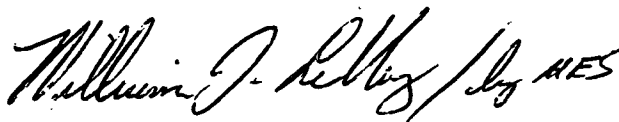
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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 28th day of August, 1996.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

A handwritten signature in dark ink, appearing to read "William J. Lemay" followed by a stylized flourish and the letters "AES".

WILLIAM J. LEMAY, Director

SEAL

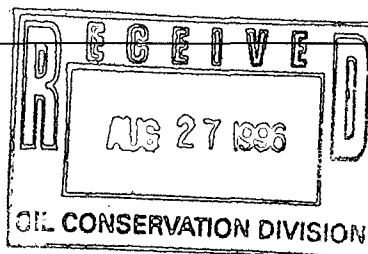
WJL/pws

PETROLITE

Petrolite Corporation
369 Marshall Avenue
St. Louis, MO 63119-1897

(314) 961-3500
Fax (314) 968-6219

August 20, 1996



Mr. Patricio W. Sanchez
State of New Mexico
Energy, Minerals and Natural Resources Dept
Oil Conservation Commission
P.O. Box 2088
Santa Fe, N.M.

Certified Mail
Return Receipt Requested

RECEIVED

AUG 28 1996

Environmental Bureau
Oil Conservation Division

08-8-27-96

RE: Discharge Plan GW-135 - Major Modification - revised

Dear Mr. Pat:

Enclosed, please find two copies of the revised "Request for Modification of Discharge Plan GW-135 Dated March 15, 1993". This discharge plan application supersedes the application submitted August 2, 1996. Please disregard the previous submittal. This application includes:

1. A check for the \$50.00 filing fee.
2. Provisions for a new concrete secondary containment pad for the storage of drums, I-packs, and six to eight 4,000 - 6,000 gallon bulk storage tanks, .
3. A rough sketch of the proposed construction.
4. Statement of depth to ground water and quality.
5. A closure statement
6. A revised Emergency Preparedness, Prevention & Contingency Plan and Spill Response Plan listing the OCD telephone number in Aztec, NM, and the OCD reporting requirements for ground and ground water spills.

The proposed construction is a modification of the existing permit and is intended to eliminate the non-contained overflow storage area currently used on site. Under WQCC Regulation 3106.B., Petrolite requests the director to allow construction to proceed while the discharge plan undergoes review and public comment.

Should you have any questions concerning these revisions, please contact Mr. Dave Birzer (505) 632-1000 or myself at (314)968-6068.

Sincerely,


George A. Cary
Manager, Tretolite SHEA Operations

cc: Denny Foust, Geologist
Oil Conservation Division
District III
1000 Rio Brazos Road
Aztec, NM 87410

John Fisketjon
David Birzer

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AUG 27 1996

Environmental Bureau
Oil Conservation Division

District I - (505) 393-6161
P.O. Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

New Mexico
Energy, Minerals and Natural Resources Department
RECEIVED
OIL CONSERVATION DIVISION
2040 South Pacheco Street
AUG 27 1996 Santa Fe, NM 87505
(505) 827-7131

Environmental Bureau
Oil Conservation Division

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AUG 26 1996

Environmental Bureau
Oil Conservation Division
Revised 12/1/95
Submit Original

8-27-96
mg

Plus 1 Copy
to Santa Fe

1 Copy to appropriate
District Office

**DISCHARGE PLAN APPLICATION FOR OIL FIELD SERVICE COMPANIES, GAS PLANTS,
REFINERIES, COMPRESSOR, AND CRUDE OIL PUMP STATIONS.**
(Refer to OCD Guidelines for assistance in completing the application)

☐ New

☐ Renewal

☒ Modification

Request for Modification of Discharge Plan GW-135 Dated March 15, 1993
Submitted by: Petrolite Corporation

I. **Type:** Service Company consisting of office and warehouse for the sale and distribution of specialty oil field chemicals used as corrosion inhibitors, fuel additives and production oil and water-treating additives.

II. **Operator:** Petrolite Corporation

Address: 5046 #2 Road
Bloomfield, NM 87413

Address: 369 Marshall Ave
Corporate St. Louis, MO 63119

Contact David Birzer (primary) John Fisketjon (alternate)
Person: (505)632-1000 (307)968-6068
(505)632-1010 (fax)

III. **Location:**

APPENDIX A - LEGAL DESCRIPTION OF PROPERTY

IV. **Name and address of the landowner of the disposal facility site.**

NOT APPLICABLE AT THIS TIME - WHEN REQUIRED, PETROLITE WILL USE LICENSED HAULERS AND STATE OR FEDERALLY PERMITTED DISPOSAL FACILITIES TO DISPOSE OF PERMITTED WASTES.

V. **Description of the facility with a diagram indicating location of fences, pits, dikes, and tanks on the facility.**

APPENDIX B - SITE AND GRADING PLAN FOR THE Bloomfield, MEW MEXICO
DISTRIBUTION SITE

- FARMINGTON, NEW MEXICO DISTRIBUTION SITE WAREHOUSE
FOUNDATION PLAN DETAILS

VI. Description of all materials stored or used at the facility.

APPENDIX C - PROPOSED PRODUCT MIX AND USES OF STORED PRODUCTS

- ESTIMATED STORAGE VOLUMES, FLASH POINTS, UFC CLASS AND PILE SIZE
- TYPICAL STORAGE LAYOUT BASED ON UFC CLASSES
- DISCHARGE PLAN APPLICATION: Part VI Form

VII. Description of present sources of effluent and waste solids. Average quality and daily volume of waste water.

There are no effluent waste water sources, other than sanitary wastes, from this facility. Occasionally 1-2 drums of contaminated soil collected around field storage tanks on customer's property are brought back to the site prior to profiling and disposal according to regulation. Inventory which is deemed unsuitable for sale is profiled and disposed of according to State and Federal regulation.

Non-hazardous solid wastes (paper, cardboard, etc.) are disposed in a State approved landfill.

VIII. Description of current liquid and solid waste collection/treatment/disposal procedures.

From time to time the facility may store 1-3 drums of contaminated soil from field locations until it can be profiled and disposed of in a proper manner according to OCD and/or EPA regulations.

IX. Description of proposed modifications to existing collection/treatment/disposal systems.

No modifications will be made to the existing collection/treatment/disposal facilities. The proposed modifications to the site are for the construction of a new chemical storage pad and tank farm to accommodate expanding business needs. This containment and collection system is independent of existing structures.

A new concrete secondary containment pad will be constructed for the storage of Petrolite chemicals. The new secondary containment system will include a rainwater collection trough as part of the secondary containment pad. This trough is a 4 inch deep x 4 inch wide x 24 inch long depression in the floor of the containment pad. The overall depth of the containment pad at the point of the trough will be 12". The entire secondary containment area is sloped toward this low spot in the containment pad. This depression will sit approximately 8 inches above grade. As such, it is not considered a UST, sump or other regulated vessel. Therefore, additional secondary containment is not deemed necessary.

The trough will be inspected daily for the accumulation of water or other fluids. Rainwater collected from the pad will be used as flush water in Tretolite's contract treating business. The volume of rainwater collected from the secondary storage pad will be dependant on the frequency and amount of local precipitation.

X. Routine inspection and maintenance plan to ensure permit compliance.

**APPENDIX D - EMERGENCY PREPAREDNESS, PREVENTION AND CONTINGENCY PLAN -
Bloomfield, New Mexico Warehouse Revised August, 1996**

XI. Contingency plan for reporting and clean-up of spills or releases.

**APPENDIX D - EMERGENCY PREPAREDNESS, PREVENTION AND CONTINGENCY PLAN -
Bloomfield, New Mexico Warehouse Revised August, 1996**

XII. Geological/hydrological evidence demonstrating that disposal of oil field wastes will not adversely impact fresh water. Depth to and quality of ground water.

State of New Mexico Hydrologic Report #6 - Depth to ground water 180 feet, 2000-4000 mg/l TDS. Information taken from original application.

XIII. Attach a facility closure plan, and other information as necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.

APPENDIX E - FACILITY CLOSURE PLAN

XIV. CERTIFICATION

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

Name: R. J. Churchill

Title: Vice President, General
Manager, Tretolite Division

SIGNATURE

R. Churchill

DATE

8/23/96

Appendix A

Appendix A
Legal Description of Bloomfield, NM Warehouse
Petrolite Corporation

A tract of land being a portion of the south 330.00 feet of the Northwest Quarter of Section 3, T29N R11W, N.M.P.M., San Juan County, New Mexico being more particularly described as follows:

BEGINNING at a point on the South line of the South 330.00 feet of the Northwest Quarter of Section 3 from whence the Southwest Corner of said Section 3 bears S88°%D55'12" W2352.52 feet and 800° % D10'00"W 2640.76 feet;

Thence: N00° %D42'28"E for a distance of 330.16 feet to a point on the north line of the south 330.00 feet of the NW1/4 of said Section 3 as described in Book 1122, Page 598;

Thence: N88° %D56'18"E for a distance of 264.01 feet to a point on the westerly right-of-way of State Highway 44;

Thence: S00° %D42'28"W for a distance of 330.16 feet along said right-of-way;

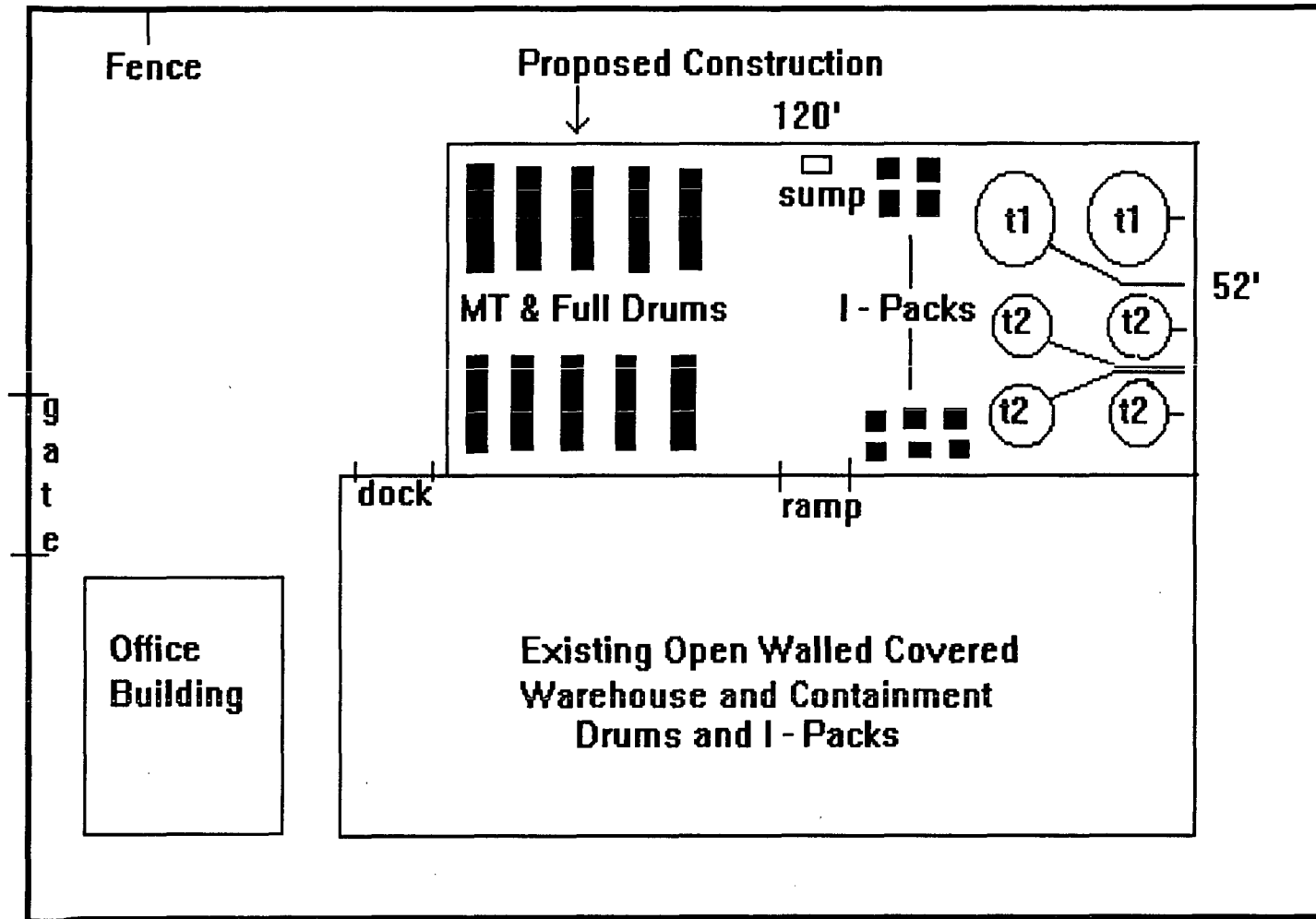
Thence: S88° %D55'12"W for a distance of 264.01 feet along the south line of the south 330.00 feet of the NW1/4 of said Section 3 to the point of beginning containing 2.0 acres more or less.

RESERVING to Owner herein, their heirs and/or assigns, an easement for utility and access over the South 30 feet of subject property, and the right to extend a water line across subject property, as noted in Book 1122; Page 598.

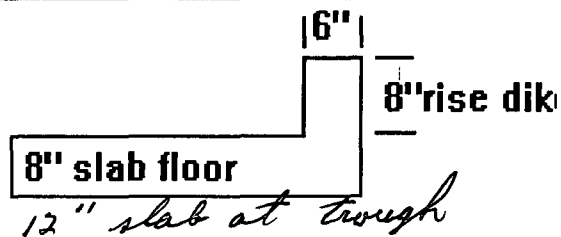
Appendix B

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**Proposed modification of the Petrolite Warehouse in Bloomfield, NM Under
Discharge Plan GW-135 (3/15/93)**



#4 rebar @12" centers
t1 = 6000 gl. tank
t2 = 4000 gl. tank



Appendix C

Petrolite Corporation
Farmington, New Mexico
Distribution Site
Proposed Materials and Uses of Stored Products

Old Product Number	New Product Number	Product Use
KG-46	Obsolete	Corrosion Inhibitor, Gas, Oil Soluble
KG-49	CGO0049F	Corrosion Inhibitor, Gas, Oil Soluble
KG-50	Obsolete	Corrosion Inhibitor, Gas, Oil Soluble
KG-50E	CGO0050F	Corrosion Inhibitor, Gas, Oil Soluble
KG-55	CGO0055L	Corrosion Inhibitor, Gas, Oil Soluble
KG-99	CGO0099F	Corrosion Inhibitor, Gas, Oil Soluble
KG-118	CGO0118F	Corrosion Inhibitor, Gas, Oil Soluble
K-147	CRO0147G	Corrosion Inhibitor, Gas, Oil Soluble
HK-7470	HK-7470	Corrosion Inhibitor, Oil Soluble
KW-10	CRW0010A	Corrosion Inhibitor, Water Soluble
KW-37	CRW0037L	Corrosion Inhibitor, Water Soluble
CRW-5495E	CRW-5494E	Corrosion Inhibitor, Water Soluble
F-46	DMO0046F	Demulsifier, Oil Soluble
J-196	Obsolete	Demulsifier, Oil Soluble
RP-101	DMO0101K	Demulsifier, Oil Soluble
F-146	DMO0146F	Demulsifier, Oil Soluble
RP-260	DMO0260K	Demulsifier, Oil Soluble
RP-295	DMO0295G	Demulsifier, Oil Soluble
TF-25	FMW0025G	Foamer, Water Soluble
SX-300	HSW0300F	H ₂ S Scavenger, Water Soluble
SX-310	HSW0310D	H ₂ S Scavenger, Water Soluble
K-494	OSW0494C	Oxygen Scavenger, Water Soluble
WF-273	OSW0520C	Oxygen Scavenger, Water Soluble

Petrolite Corporation
Farmington, New Mexico
Distribution Site
Proposed Materials and Uses of Stored Products

Old Product Number	New Product Number	Product Use
CF-34	PAO0034K	Paraffin Inhibitor, Oil Soluble
PD-100	PAO0100F	Paraffin Inhibitor, Oil Soluble
PD-103	PAO0103F	Paraffin Inhibitor, Oil Soluble
PD-108	PAO0108F	Paraffin Inhibitor, Oil Soluble
J-255	RBW0255C	Reverse Breaker, Water Soluble
SP-181	SCW0181K	Scale Inhibitor, Water Soluble
SP-237	SCW0237H	Scale Inhibitor, Water Soluble
SP-260W	SCW0260H	Scale Inhibitor, Water Soluble
SP-319	SCW0319G	Scale Inhibitor, Water Soluble
WF-9S	WAW0237C	Wetting Agent, Water Soluble
WF-277	WAW0277F	Wetting Agent, Water Soluble
WF-272	WAW9000I	Wetting Agent, Water Soluble
CF-23	WCO0023L	Waterflood/Combination, Oil Soluble
WF-161W	WCW0161G	Waterflood/Combination, Water Soluble
XC-307	XC-307	Industrial Biocide
XC-320	XC-320	Industrial Biocide
XC-370	XC-370	Industrial Biocide

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	Petrolite Corporation: Estimated Storage Volumes, Flash Points, UFC Classes and Pile Size														
2	Old	New	1991 Volume Gal	1991	1992	45 Days	MIN	MAX	# 345	# 549	Flash	UFC	Component Solvents	Pile Size	Pile Volume
3	Product	Product		Volume	Volume	Stock	Stock	Stock	Tanks	Tanks	PT, F	Class		Drums	Barrels
4	Number	Number		Drums	Drums										
5															
6	PD-108	PA00108F	505	8	48	6	6	12			84	IB		40	
7	PD-103	PA00103F	12,145	221	140	18	14	20	1	0	43	IB	Toluene & VM&P Naphtha	40	4,400
8	PD-100	PA00100F	2,200	40	120	15	14	20	1	0	44	IB	Toluene & VM&P Naphtha	40	4,400
9	K-147	CRO0147G	1,367	25	25	3	4	8			69	IB	Isopropanol & Methanol	40	
10	KQ-99	CGO0099F	14	0	0	0	0	0			62	IB	Isopropanol	40	
11	KQ-50E	CGO0050F	2,365	43	75	9	6	10			62	IB	Isopropanol	40	
12	KQ-50	Obsolete	3,363	61	0	0	0	0			62	IB	Methanol	40	
13	KQ-49	CGO0049F	1,783	32	82	8	8	12			63	IB	Methanol	40	
14	KQ-46	Obsolete	2,090	38	0	0	0	0			56	IB	Isopropanol & Methanol	40	
15	HK-7470	HK-7470	55	1	24	3	4	0			72	IB	Isopropanol & Methanol	40	
16	CRW-5406E	CRW-5406E	3,850	70	110	14	8	12	2	1	66	IB		80	4,400
17	XC-370	XC-370	3,595	65	90	11	8	12			76	IC		80	
18	XC-320	XC-320	715	13	13	2	0	0			78	IC		80	
19	XC-307	XC-307	2,475	45	45	6	8	12			90	IC		80	
20	WF-277	WAW0277F	110	2	2	1	1	2			88	IC		80	
21	WF-161W	WCW0161G	880	16	20	3	4	12			93	IC		80	
22	TF-25	FMM0025G	55	1	10	1	4	8			95	IC		80	
23	SX-310	HSW0310D	55	1	20	3	2	4			76	IC		80	
24	SX-300	HSW0300F	110	2	0	0	0	0			85	IC		80	
25	SP-260W	SCW0260H	3,850	70	70	8	8	12			96	IC		80	
26	SP-237	SCW0237H	1,307	24	24	3	3	4			91	IC		80	
27	RP-296	DMO0296G	1,320	24	24	3	4	6			96	IC		80	
28	KW-10	CRW0010A	660	12	12	2	4	6			90	IC		80	
29	KQ-118	CGO0118F	51,185	931	1,300	183	50	90	13	8	90	IC		80	8,800
30	F-48	DMO0048F	175	3	8	1	5	8			96	IC		80	
31	F-146	DMO0146F	560	10	10	1	3	4			81	IC		80	
32	SP-319	SCW0319G	110	2	48	8	2	6			104	II		180	
33	SP-181	SCW0181X	55	1	0	0	0	0			102	II		180	
34	RP-260	DMO0260K	330	6	12	2	5	10			104	II		180	
35	RP-101	DMO0101X	55	1	0	0	0	0			108	II		180	
36	KW-37	CRW0037L	1,266	23	23	3	4	6			103	II		180	
37	KQ-55	CGO0055L	110	2	12	2	2	4			104	II		180	
38	CF-34	PAO0034K	825	15	30	4	5	8			115	II		180	
39	CF-23	WC00023L	1,547	28	0	0	0	0			115	II		180	
40	WF-272	WAW0000I	110	2	10	1	2	4			145	IIIA		400	
41	WF-93	WAW0237C	21	0	0	4	4	12			>200	IIIB		400	
42	WF-273	OSW0620C	330	6	10	1	2	4			>200	IIIB		400	
43	K-620	OSW0620C	1,925	36	0	0	0	0			>200	IIIB		400	
44	K-484	OSW0484C	275	5	40	5	5	10			>200	IIIB		400	
45	J-255	RBW0255C	110	2	2	1	2	3			>200	IIIB		400	
46	J-196	Obsolete	55	1	1	1	1	2			>200	IIIB		400	
47	=====														
48	Total		103,882	1,888	2,438	315	203	331							

Petrolite Corporation
Discharge Plan Application
Part VI. Form
Materials Stored or Used at Facility

Name	General Makeup or Specific Brand Name	Solids (S) or Liquids (L)?	Type of Container (tank #345, tank #549, drum, etc.)	Estimated Volume Stored (gallons)	Location (yard, shop, drum storage, etc.)
1. Drilling Fluids	None				
2. Brines	None				
3. Acids/Caustics	None				
4. Detergents/ Soaps	None				
5. Solvents and Degreasers	None				
6. Paraffin Treat- ment/Emulsion Breakers	J-196	L	Drum	110	Drum Storage
	PAO0034K	L	Drum	440	Drum Storage
	PAO0100F	L	Drum, Tank #345	1100	Drum Storage
	PAO0103F	L	Drum	1100	Drum Storage
	PAO0108F	L	Drum	660	Drum Storage
7. Biocides	XC-307	L	Drum	660	Drum Storage
	XC-320	L	Drum	0	Drum Storage
	XC-370	L	Drum	660	Drum Storage
8. Others	None				

Appendix D

Petrolite Corporation

Bloomfield Warehouse

**5046 #2 Road
Bloomfield, NM**

Version 1. 2

Revised - August 1996

**Emergency Preparedness, Prevention &
Contingency Plan**

and

Spill Prevention Response Plan

**Petrolite Corporation
Bloomfield, NM Warehouse
EMERGENCY TELEPHONE NUMBERS**

In the event of a spill emergency, it is the Facility Manager's responsibility
to contact the following agencies (if applicable):

**EMERGENCY
PREPAREDNESS, PREVENTION AND CONTINGENCY PLAN**

Bloomfield Fire Department	911 Emergency 632-8011
Bloomfield Police Department	911 Emergency 632-8011
National Response Center (Immediate Notification Required)	800-424-8802
NM Oil Conservation Commission (Immediate Notification Required)	505-334-6178
Hospital - Emergency Center San Juan Regional Medical Center	599-6100
Area Sales / Distribution Manager (David Birzer)	505/632-1000 (work) 505/334-0017 (home) 505/579-3010 (mobil)
Petrolite Emergency Information (CHEMTREC)	800-424-9300
Petrolite Safety Information (Bayport, TX 24 Hours/day)	713-474-9484
Official Spokesperson/media representative (Mark Henson) Director Corporate SHEA	314/968-6135 (work) 314/458-5651 (home)
Operations Support Manager Ray Martin	314/968-6260 (work) 618/692-8261 (home)
Regional Distribution Manager (John Fisketjon)	307/347-2511 (work) 307/347-4772 (home)
Regional Safety, Health & Environmental Affairs Manager (George A Cary)	314/968-6068 (work) 314/458-1477 (home) 800-443-7243, code 008678 pager)
Petrolite Safety Manager (John McCluree)	314-968-6295 (work) 314-961-4947 (home)

PETROLITE CORPORATION, BLOOMFIELD FACILITY
Emergency Preparedness, Prevention and Contingency Plan
&
Spill Prevention Response Plan

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PETROLITE CORPORATION, BLOOMFIELD FACILITY
Emergency Preparedness, Prevention and Contingency Plan
&
Spill Prevention Response Plan

1.0 Description of Facility

1.1 Description of Industrial or Commercial Activity

The Petrolite Bloomfield warehouse is located at 5046 #2 Road, Bloomfield, NM . The facility is comprised of an office/sales field laboratory, product storage yard, contract treating and product loading/unloading area. Petrolite owns the property. The facility occupies approximately 2.0 acres. A plot plan of the facility can be found in Appendix I.

The facility operates on a 9-hour (daylight), 5-day per week schedule. Operations are under the control of a Area Sales Manager who has direct responsibility for the site. Facility operations consist of the Warehouse Foreman/Driver and four contract treating/delivery drivers. The Warehouse Foreman/Secretary also reports to the Regional Distribution Manager. This location also provides lab facilities and offices for a sales technician and three sales personnel. The Area Sales Manager is responsible for maintaining and updating this plan as changes are made.

Petrolite sells and distributes a wide variety of specialty chemicals used as corrosion inhibitors, fuel additives, industrial water treating additives, and refinery process additives. Products are delivered to the facility via company truck or common carrier. Storage occurs in 55 gallon drums, 5 gallon pails, portable I-paks (upto 500 gallons). Semi-bulk containers ranging in capacity upto 1,000 gallons are used to store products used in contract treating. All chemicals are stored outside. Drums are placed directly on the ground and are stacked and arranged to take into account flammability code and pile size. Contract treating chemicals are stored inside fiberglass or concrete secondary storage basins.

Petrolite handles numerous specialty products at this facility. Material Safety Data Sheets are maintained on-site for all products. The majority of the products stored at the facility are solvent based and are hazardous substances due to flammability. A few products stored at the facility are hazardous due to their corrosive property.

The facility is listed as a conditionally exempt small quantity hazardous waste generator. Such wastes occur as a result of laboratory solvents and reagents used in the analysis and characterization of oil field samples. As a result, hazards posed by any accumulated wastes are identical to hazards posed by product storage and handling. Therefore the Emergency Control Procedures for products are applicable to waste products including those designated as hazardous waste. The facility also generates ordinary solid waste in the form of paper, plastic, boxes, towels, etc. from the office and warehousing operations. The facility generates a small amount of sanitary sewer waste from the office building commodes and sinks.

Appendix I contains a detailed plot plan of the facility showing the following:

- Location of the facility and site boundaries
- General site layout
- Loading and unloading operations
- Waste handling and storage
- Entrance and exit routes to the site
- Location of emergency equipment, i.e. fire extinguishers, gas and electric shutoffs, etc.

1.2 Description of Existing Emergency Response Plans

- 1.2.1 Four emergency plans currently exist for the Bloomfield facility; Fire, Spill, Injury, and Evacuation. All elements of these plans are incorporated into this plan and are currently in-place.

2.0 Implementation Plan

2.1 Organizational Structure

- 2.1.1 The facility operations consist of twelve distribution, sales and support staff.

- 2.1.2 The Area Sales Manager is in charge of the Fire, Spill, Injury, and Evacuation Plans. He is responsible (with guidance from the SHEA Department, located in St. Louis, Mo.) for the training of employees and for implementing response measures in the event of an incident. Training includes familiarizing employees with the provision of these plans, location, use, and maintenance of spill control equipment, safe routes for evacuation, and reporting requirements. The Facility Manager is also responsible for

insuring that the facility is operated and maintained so as to minimize the potential for any type of incident.

2.3 Emergency Coordinators

2.3.1 Primary Coordinator

David Birzer - Area Sales
504 Western Circle
Aztec, N.M. 87410

Work: 505/632-1000
Car: 505/599-3010
Home: 505/334-0017

2.3.2 Secondary Coordinator:

Dan Stewart - Driver
1605 E. 30th
Farmington, NM. 87401

Work: 505/632-1000
Mobile: 505/599-3816
Home: 505/326-0645

2.4 Duties of Emergency Coordinator:

2.4.1 Whenever there is an imminent or actual emergency situation, including fire, spill, injury, or explosion, the emergency coordinator is responsible for the following:

2.4.2. Addressing the situation by identifying any possible threats to human health or the environment. This includes identifying the character, exact source, amount and area extent of emitted or discharged materials.

2.4.3 Notifying all on-site personnel via verbal commands. If necessary, employees will be notified to evacuate according to plan.

2.4.4 To the extent possible and practical, attempt to control or mitigate the situation by shutdown of contributing processes, defensive containment of spills, collecting and containing released materials or wastes, and removing and/or isolating affected containers.

2.4.5 Notifying local, regional, state, and federal agencies and emergency response personnel in accordance with set plan. If the incident poses a significant threat to human health or the environment, the coordinator is responsible for notifying local and county emergency management agencies and indicating if evacuation of local areas is advisable.

2.5.6 Stand-by to advise and assist emergency response personnel.

- 2.5.7 Coordinate site cleanup efforts, waste disposal efforts, and preparing any follow-up reports to local, state, and/or federal agencies.

2.6 Chain of Command

- 2.6.1 In the event of an imminent or actual facility emergency, the following internal Petrolite personnel shall be notified in the following order:

1. Regional Distribution Manager
John Fisketjon
1501 Howell Ave
Worland, WY 82401
Work: 307/347-2511
Home 307/347-4772
2. District Operations Manager
Jim Burtner
2260 Bible Hill Rd.
Franktown, CO 80116
Work: 303/798-1090
Home 303/688-5161
3. Operations Support Manager
Ray Martin,
25 Ginger Ridge Ln.
Glen Carbon, IL 62034
Work: 314/968-6260
Home 618/692-8261
4. Manager Regional SHEA Operations
George A Cary
1865 Shiloh Woods Rd
Chesterfield, MO 63005
Work: 314/968-6068
Home: 314/458-1477
Pager: 800/443-7243,
ID# 008678 Type Phone
#, Hang Up
4. Director Corporate Safety, Health, Environmental Affairs
Mark Henson
17972 Rosemar Lane
Glencoe, MO 63038
Work: 314/968-6135
Home: 314/458-5651

3.0 Spill Leak Prevention and Response

3.1 Pre-release Planning

- 3.1.1 The modes of operation at the facility make fire and soil contamination the most likely consequences of an emergency spill

episode. The facility has been updated to prevent and/or minimize damage in the event of an occurrence.

- 3.1.2 To control spills from the truck and drum loading and unloading area, the drivers and operators are required to follow standard operating procedures. The drivers and operators are equipped with drip pans to contain any minor spills from equipment in use during normal operations.

4.0 Material Compatibility

- 4.1 All containers, tanks, and pumps are constructed of materials compatible with the products contained. Drums and portable containers conform with DOT requirements, and are labeled in conformance with applicable regulations. Materials and hazardous wastes stored in portable tanks, drums and pails are compatible to the extent that (in the event of a spill) no reactions will occur simply by mixing of products which will produce hazardous by-products or temperatures.
- 4.2 Material Safety Data Sheets for products stored at the facility are available in the office. These sheets contain chemical descriptions and hazardous identification of the products.
- 4.3 Profiles for the waste streams, if generated from this facility, are also available in the Facility Manager's office.

5.0 Prevention and Maintenance

- 5.1 All flow lines are aboveground and all tanks and lines are under daily visual observation. Transfer pumps are located on the contract treating and delivery trucks so that seals and connections can be readily observed during operations. It is the Warehouse Foreman's responsibility to have any leaking or damaged equipment repaired as soon as possible.

6.0 Housekeeping

- 6.1 The truck and drum loading and unloading areas are inspected daily for cleanliness. Trash containers are located within the work area to collect ordinary refuse. Regular trash pickup occurs once-per-week at the facility. Transfer hoses are capped after each use and are placed inside the secondary containment basins to reduce spill potential. Contract treating truck loading is performed over a

sloped concrete loading pad having a central spill catchment basin.

- 6.2 Spill response equipment, including a variety of tools, absorbents, and salvage drums are stored on the loading dock and next to the wooden storage shed near the contract treating tanks.

7.0 Security

- 7.1 The facility is surrounded by a chain link fence on all sides to restrict both pedestrian and vehicular access. All gates are locked when the site is not occupied and during non-working hours.

8.0 External Factor Planning

- 8.1 During natural disasters, such as flooding, power failure, storms, tornados, etc., it may be necessary to shut down operations of the facility. This decision will be made by the individual on the premise at the time, and conjunction with the Regional Distribution Manager. Insofar as practical, prior to shutdown, the on-site personnnel will have all equipment and large and small containers secured to minimize loss. In the event of a power failure, electrical equipment (where applicable) will be turned off or unplugged to avoid danger when power is restored.

9.0 Internal & External Communications Systems

- 9.1 The facility is small enough that effective verbal communications can be used to alert personnel to an emergency. In the event of an emergency requiring evacuation of personnel, the on-site personnel shall make notification via this method.
- 9.2 External notifications to outside emergency responders can be made via the facility telephone system. In the event notification via the facility phone system is not possible, notification can be made using the cellular phones located in the trucks.

10. Employee Training

- 10.1 During normal operations, zero to twelve persons are at the facility. Each facility employee has completed required OSHA Hazcom Training. All employees on-site have been trained in the use and implementation of this emergency plan, including the chain of command notification procedures, location of the plan,

and the applicable evacuation routes and procedures. Each employee also attends a monthly safety meeting on a topic directly related to the safe operation and maintenance of the facility.

- 10.2 All employees are trained in the proper use of the following safety equipment and are issued the same to be used during daily facility operation:

- Approved steel toed shoes
- Safety glasses; if needed, prescription safety glasses
- Hardhats
- Safety goggles
- Faceshields
- SCBA respiratory protection
- Earplugs

- 10.3 Replacement equipment for all the personal safety equipment listed above is available. except steel toed shoes, prescription safety glasses, and nomex coveralls. These items must be obtained from the appropriate vendors.

- 10.4 Personnel responsible for implementation of this plan (i.e. Primary and Secondary Emergency Coordinators) have been trained in subjects related to emergency preparedness and response, including the following:

10.4.1 Primary Coordinator:

- Hazardous Waste Management Under RCRA
- Hazardous Materials Transportation - HM-126F:
- The American Red Cross Standards (First Aid)
- The Contingency Plan for the Bloomfield Facility
- Fire Extinguisher Use
- Hazard Communication

10.4.2 Secondary Coordinator:

- Hazardous Waste Management Under RCRA
- Hazardous Materials Transportation - HM-126F:
- The American Red Cross Standards (First Aid)
- The Contingency Plan for the Bloomfield Facility
- Fire Extinguisher Use

- 10.5 Many of these subjects are reinforced through annual training requirements under EPA and OSHA statutes, on-the-job training, or monthly safety meetings. Training documentation for all employees is maintained at the facility and at the corporate office located in St. Louis.

Appendix I
Emergency Control Procedures

Appendix I Emergency Control Procedures

FIRE

1.0 Fire

1.1 General Considerations

- 1.1.1 No Petrolite employee shall attempt to extinguish any fire if such action might conceivably cause personal injury or death. The policy is to call for help FIRST by dialing **911**. One should never hesitate to call the Fire Department if there is the slightest possibility they will be needed.

1.2 Specific Considerations

- 1.2.1 Emergency escape routes, facility layout, location of fire extinguishers and procedures for evacuation are designated in the facility diagram in Appendix I. Once out of the building, evacuees should proceed immediately through the gate and assemble at the entrance to the driveway off of #2 Road. Employees should move out of the path of any smoke, fumes or fire.
- 1.2.2 Procedures for employees who must attend critical operations before they can evacuate the facility - If possible, power to the facility should be shut off at the panel on the east side of the office building depending on the nature of the emergency.
- 1.2.3 Procedure to account for all employees following evacuation - The ranking manager/supervisor shall be responsible for making a head count. Immediately count at the assembly area at the northwest corner of the property.
- 1.2.4 Means of reporting fires and other types of emergencies - The primary means of reporting emergencies in the Bloomfield facility is by VOICE.
 - 1.2.4.1 **External Reporting** - All required assistance should be summoned through the 911 operator. The call to 911 is the responsibility of the individual witnessing the emergency.

Appendix I

Emergency Control Procedures

1.2.4.2 Internal Reporting - The Facility Manager must be notified immediately, with follow-up notification to the individuals on the emergency call list as soon as practical. The Facility Manager will make all other required internal notifications.

1.2.5 Potential fire hazards and proper procedures for handling/storage, potential ignition sources and their control, and type(s) of fire protection/systems that can control a fire involving them - A considerable amount of chemical is stored and handled at this facility insofar as it is a major warehousing location. All chemicals are stored outside. The tank farm is designed with fire/spill safety in mind.

1.2.6 The office area contains many different types of electrical appliances, including electric typewriters, computers, a copier, fax machine, coffee maker, and so on. Care must be taken to avoid overloading electrical outlets. Paper and other combustible trash must be removed on a regular basis.

1.2.7 The laboratory contains flammable solvents and other hazardous reagents. Standards of safe laboratory care are to be applied at all times. Special care is to be taken when working with open flames. Contaminated rags are to be stored in a covered metal container pending disposition.

1.2.8 All Petrolite facilities are designated as "**NO SMOKING**" areas, with the exception of defined smoking areas outside.

1.2.9 Job titles of those responsible for maintaining equipment and systems installed to prevent or control ignition of fires - The Facility Manager is responsible for maintenance of fire control/prevention equipment located at the facility.

1.2.10 Job titles of those responsible for the control of accumulation of flammable or combustible waste materials - The Facility Manager is responsible for controlling accumulation of waste materials.

1.3 Housekeeping

1.3.1 Control measures to prevent build-up of flammable and/or combustible wastes and residues so they don't constitute a fire emergency - General inspections are carried out in the facility on

Appendix I

Emergency Control Procedures

a regular basis. All flammable waste is held in a covered container pending disposal. Grounding wires are fitted on all bulk containers for use while dispensing contents into smaller containers. Approved containers are used for all flammable materials being stored for use in small quantities.

1.3.2 All spills are to be cleaned up immediately.

1.4 Combustion Sources

1.4.1 Maintenance to prevent ignition of combustibles - All "hot work" must be carried out in compliance with the details of Corporate Safety Procedure (CSP) #4. This procedure deals with spark and heat producing equipment and tools in hazardous atmospheres. Replacement of electrical switches, sockets, breakers, and so on, shall be with equipment having at least equal safety characteristics.

1.4.2 In the event of a chemical spill, all spark and/or heat producing activities will cease immediately and will not be re-started until cleanup is completed and hazardous vapors dissipated.

1.5 Fire Response Procedures

1.5.1 Fire extinguishers are located in various places around the work areas. See attached facility layout for locations.

1.5.2 Small Fires (incipient stage):

1.5.2.1 An attempt will be made to extinguish small fires, which are at incipient stage, with the use of portable dry chemical fire extinguishers. The fire department shall be called regardless of whether the fire is extinguished or not. At the first indication of fire, the following steps shall be taken:

1.5.2.2 Call fire department;

1.5.2.3 Attempt to extinguish fire;

1.5.2.4 Shut off electrical power to pumps and motors;

1.5.2.5 If fire involves product, contact Emergency Response Group in St. Louis to stand by for technical assistance.

Appendix I

Emergency Control Procedures

1.5.3 Large Fires (beyond incipient stage):

- 1.5.3.1 No attempt should be made to extinguish the fire. Evacuate all personnel and visitors.
- 1.5.3.2 Immediately notify fire department.
- 1.5.3.3 If possible, shut off power to building.
- 1.5.3.4 Stand by for fire department arrival. (Be prepared to assist with identification and location of products and facility contents.)
- 1.5.3.5 Contact Emergency Response Group in St. Louis for technical assistance.
- 1.5.3.6 Do not permit unauthorized individuals to enter company premises.

1.6 Notifications

- 1.6.1 Immediately upon discovery of a fire, yell "FIRE", **call 911** and get the Fire Department on its way. Only then should an employee trained in proper operation of fire extinguishers attempt to fight the fire. As soon as someone is available to call, the Facility Manager and Region Safety/Environmental Coordinator must be advised of the situation. The Region Safety/Environmental Coordinator will make other required notifications.

1.7 Follow-up Reporting

- 1.7.1 The Region Safety/Environmental Coordinator, in concert with the specific Facility Manager, will prepare any required written documentation of the incident.

1.8 Record Retention

- 1.8.1 All records will be maintained in the office of the Region Safety/Environmental Coordinator in accordance with relevant Federal and State laws and corporate guidelines.

Appendix I Emergency Control Procedures

MEDICAL EMERGENCIES

2.0 Medical Emergencies

2.1 General Considerations

- 2.1.1 Whenever responding to a medical emergency, a rescuer must always be concerned first with his/her own safety. Upon entering the incident scene it is extremely important to be observant - especially if the victim is unconscious. The rescuer should always attempt to determine what hazards might be present that may have contributed to the problem. Specifically, electrical, chemical, and other physical hazards should be noted before proceeding. Where necessary, personal protective equipment may be required. Under no circumstance should an employee put himself/herself at unnecessary risk in order to provide medical assistance to another.

2.2 Specific Considerations

- 2.2.1 When rendering CPR and/or first aid, it is imperative that the rescuer adhere to accepted medical practice within the limits of his/her training. To guard against exposure to body fluids, the first aider should wear rubber medical gloves. In all cases a first responder shall yield control of the victim(s) to higher medical authority as it arrives.
- 2.2.2 Upon determination that the environment is safe for entry, the victim should be checked immediately to ensure his/her airway is clear, the victim is breathing, and has a pulse. If the victim is unresponsive, call 911 immediately to get Fire Department paramedics on their way. Following the initial check, and if CPR is not called for, first aid treatment for any other conditions may be delivered. The victim should not be moved unless an immediate hazard exists at the scene. The victim should be stabilized and comforted pending arrival of the ambulance.
- 2.2.3 In the case of direct contact with chemical, the skin shall be washed with water for at least 15 minutes. Contaminated clothing shall be removed. If eye contact occurs, the eyes shall be flushed with water for at least 15 minutes. Medical attention shall follow immediately. Material Safety Data Sheets for each product stored

Appendix I

Emergency Control Procedures

at the facility are available in the office. Additional first aid and medical information can be obtained by calling the Petrolite Emergency Information number at **800-424-9300**.

- 2.2.4 Based upon the seriousness of the accident, the Facility Manager shall decide whether hospital attention is required and, if so, the method of transporting the victim to the hospital.

2.3 Notifications

- 2.3.1 If immediate medical assistance is necessary, **call 911** as indicated above in Section 2.2. You should next notify the Region Safety/ Environmental Manager, who will in turn notify the victim's supervisor of the incident. If the incident involves Distribution personnel, the Region Safety/Environmental Coordinator will notify the Region Distribution Manager. The Region Safety/ Environmental Manager will also be in contact with the Region Operations Manager and Corporate Safety Department as appropriate.

2.4 Follow-up Reporting

- 2.4.1 All medical incidents will be investigated by the Region Safety/Environmental Coordinator who will be responsible for writing the report. All reporting will be in compliance with Federal and State laws, as well as Corporate policy. Reports will include, but are not limited to, Workmen's Compensation reports, OSHA reports, State OSHA reports, OSHA recordkeeping, internal accident investigations, and internal accident/injury reporting, as required.

2.5 - Record Retention -

- 2.5.1 Copies of all reports of medical incidents will be retained in the Region Safety/Environmental Coordinator's office in compliance with Federal and State law.

2.6 SARA Notification

- 2.6.1 Arrangements have been made with the following Local Emergency Agencies and Hospitals which may be called to respond to a chemical fire, or medical emergency at the Bloomfield facility:

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Emergency Control Procedures

Bloomfield Police	911 or 632-8011
Bloomfield Fire Department	911 or 632-8011
San Juan Regional Medical Center	599-6100
NM Oil Conservation Commission	805-827-7131

- 2.6.2 All above listed agencies have been provided with a copy of this plan. The Bloomfield fire department is provided, on an annual basis, chemical inventory information as required by Section 312 of the Emergency Planning and Community Right-To-Know Act of 1986. This information is provided by the SHEA Department out of St. Louis, MO.

Appendix I

Emergency Control Procedures

SPILLS

3.0 Spills

3.1 General Considerations

The New Mexico Oil Conservation Division must be notified in the event of a spill involving soil and water (areas beyond the secondary containment areas).

"discharge" means spilling, leaking, pumping, pouring, emitting, emptying, or dumping into water or in a location and manner where there is a reasonable probability that the discharged substance will reach surface or subsurface water." Note: A spill or leak totally inside a secondary containment area is not considered a discharge and does not have to be reported to the OCD.

3.1.1 With respect to any discharge from any facility of oil or other water contaminant, in such quantity as may with reasonable probability injure or be detrimental to human health, animal or plant life, or property, or unreasonable interfere with the public welfare or the use of property, the following notifications and corrective actions are required:

3.1.1.1 As soon as possible after learning of such a discharge, but in no event more than twenty-four (24) hours thereafter, any person in charge of the facility shall orally notify the Chief of the Ground Water Protection and Remediation Bureau of the department, or his counterpart in any constituent agency delegated responsibility for enforcement of these rules as to any facility subject to such delegation. To the best of that person's knowledge, the following items of information shall be provided:

- a. the name, address, and telephone number of the person or persons in charge of the facility, as well as the owner and/or operator of the facility;**
- b. the name and address of the facility;**

Appendix I

Emergency Control Procedures

- c. the date, time, location, and duration of the discharge;
- d. the source and cause of discharge;
- e. a description of the discharge, including its chemical composition;
- f. the estimated volume of the discharge; and damage from the discharge

- 3.1.1.2 Within one week after the discharger has learned of the discharge, the facility owner and/or operator shall send written notification to the same department official, verifying the prior oral notification as to each of the foregoing items and providing any appropriate additions or corrections to the information contained in the prior oral notification.
- 3.1.1.3 As soon as possible after learning of such a discharge, the owner/operator of the facility shall take such corrective actions as are necessary or appropriate to contain and remove or mitigate the damage caused by the discharge.
- 3.1.1.4. If it is possible to do so without unduly delaying needed corrective actions, the facility owner/operator shall endeavor to contact and consult with the chief of the Ground Water Protection and Remediation Bureau of the department or appropriate counterpart in a delegated agency, in an effort to determine the department's views as to what further corrective actions may be necessary or appropriate to the discharge in question. In any event, no later than fifteen (15) days after the discharger learns of the discharge, the facility owner/operator shall send to said Bureau Chief a written report describing any corrective actions taken and/or to be taken relative to the discharge. Upon a written request and for good cause shown, the Bureau chief may extend the time limit beyond fifteen (15) days.

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Emergency Control Procedures

- 3.1.1.5 The Bureau Chief shall approve or disapprove in writing the foregoing corrective action report within thirty (30) days of its receipt by the department. In the event that the report is not satisfactory to the department, the Bureau Chief shall specify in writing to the facility owner/operator any shortcomings in the report or in the corrective actions already taken or proposed to be taken relative to the discharge, and shall give the facility owner/operator a reasonable and clearly specified time within which to submit a modified corrective action report. The Bureau Chief shall approve or disapprove in writing the modified corrective action report within fifteen (15) days of its receipt by the department.
- 3.2 Nothing in this section is intended to countermand anything that is established in the Petrolite Spill Response Guide. All clean-up personnel responding to a major spill of hazardous material(s) must be certified with 24-hour HAZWOPER training. Within the limits of rational immediate response, an on-site person may attempt to contain a spill to the smallest possible area so long as there is no perceived threat to life or health. It is recommended that outside contractors be called to handle major spills within the site.
- 3.3 **Specific Considerations**
- 3.3.1 Whenever a spill emergency exists, the individual present should try to limit the extent of the spill if it can be done safely. This might be accomplished by closing a valve, shutting down a pump, diking, or some similar activity. Help should be solicited from the Facility Manager in order to decide what needs to be done. Regular inspections of chemical storage areas are to be carried out.
- 3.3.2 Since many of the products stored at the facility contain volatile organic compounds that are both lighter and heavier than air, special precautions shall be taken before responding to spills of these materials. The responder shall first consult the Material SafetyData Sheet to determine the particular hazards of the chemical spilled and to determine the appropriate personal protective equipment that must be worn. This includes the selection of proper chemical resistant clothing and respirator. Any

Appendix I

Emergency Control Procedures

release resulting in an organic vapor emission, either on or off-site, shall be reported in accordance with *Corporate Safety Procedure #23* and the *Petrolite Spill Response Guide*.

- 3.3.3 Tanks and liquid transfer systems have been designed to minimize the possibility of spills. However, such design is dependent upon proper use and attention of the operator during filling and emptying operations. Before using any transfer equipment, the operator shall be certain that he is thoroughly familiar with the equipment and that all connections are properly and tightly made. Before filling any container, the operator shall ascertain that there is sufficient void in the container so that the volume of liquid to be added will not cause the container to overflow. Before breaking lines after filling a container, the operator will make certain that all valves are properly closed and that lines are clear to prevent spilling from the disconnected line. Company operators will make up and break transfer lines when delivery is received from, or made to non-company vehicles.
 - 3.3.4 Due to the small volume of products stored at the warehouse and its proximity to major water sources, contamination of a waterway is unlikely. In the event that product is spilled and enters drainage ditches surrounding the property, the person observing the spill will take immediate action to contain the flow of material. This shall include construction of earthen dams, stringing of spill booms, construction of an underflow, etc. to stop the flow of material. Once the flow has been stopped, the material shall be absorbed on spill pads or removed using a vacuum truck or portable pump. Contaminated soil will be excavated using a shovel or backhoe to the extent practical. All waste material will be containerized in 55 gallon drums and profiled for disposal.
- 3.4 Spill Response Procedures
- 3.4.1 If there is no immediate danger of the spill reaching or being washed into a waterway and the spill is:
 - 3.4.1.1 Less than 100 gallons: The supervisor will have the spill covered with absorbent such as sucker pillows, snake tubes, Uni-sponge mats, as well as commercial granular absorbent. This will be collected for

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Emergency Control Procedures

incineration, burial, or disposal in an approved manner.

- 3.4.1.2 More than 100 gallons: The supervisor will have as much as possible of the liquid collected into drums or tanks using a portable pump or vacuum truck. Drums and a portable pump are stored at the warehouse. The non-collectable portion will be covered with absorbent such as sucker pillows, snake tubes, Uni-sponge mats, as well as commercial granular absorbent. This will then be collected for incineration, burial, or disposal in an approved manner. As soon as practical, the Facility Manager will notify the appropriate Local, State, and Federal agencies in accordance with the notification procedures in this plan. The Facility Manager will also notify the manager of Distribution and the Corporate Environmental Affairs department.
- 3.4.1.3 Contaminated soil will be excavated using a shovel or backhoe. Shovels are located in the warehouse. Backhoe services will be contracted using HAZWOPER trained contractors. Waste will be profiled and stored for disposal in 55 gallon drums available in the warehouse in accordance with State and Federal regulations.
- 3.4.1.4 In the event of a spill of flammable material, the Facility Manager shall decide whether to notify the fire department. This decision will be based upon the volume of the spill and the potential for ignition.

3.5 Equipment

- 3.5.1 Spill response equipment, including a variety of tools, absorbents, and salvage drums are stored in the warehouse. The locations of emergency equipment, i.e. fire extinguishers, safety shower/eye wash systems, gas and electric shutoffs, etc. are marked and noted on the attached plat.
- 3.5.2 The following emergency response equipment is maintained on-site:

Location	Description
----------	-------------

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Warehouse	7 - 20 Lb Fire Extinguishers
Tank Farm	1 - 20 Lb Fire Extinguisher
Fork Lifts	1 - 2 Lb Fire Extinguisher
Trucks	10 & 5 Lb Fire Extinguishers

3.5.3 Items listed below are to be used in the event a spill would occur on the facility.

- 1 - Bag of assorted wooden pegs.
- 200 Lbs of Absorbent. (in two Salvage drums)
- Sucker Pillows (17" X 17")
- Snake Tubes (48" X 3")
- Bale Uni-Sponge Mat #5310
- Booms (10' X 4")
- 2 - Disposable Suits (Tyvek)
- 2 - Pair Tyvek Gloves
- 3 - Salvage Drums.
- 1 - Shovel (taped on the side of one salvage drum)

3.5.4 The above material is stored inside the Salvage drums, which are located near the loading dock. The facility also has at least 3 to 5 open head drums which should be used to collect contaminated soil. Additional shovels which are used in the daily operation of the facility are available.

3.6 Contaminated Clothing & Equipment

3.6.1 Contaminated clothing and equipment will be cleaned or disposed of in a appropriate manner. Disposable clothing such as Tyvek suits, disposable gloves, etc. will be accumulated in a 55 gallon drum and profiled for disposal in accordance with applicable State and Federal waste disposal laws. Non disposable equipment will be washed with water and surfactant to remove contamination. This operation will occur in the secondary containment areas of the facility. Containment of wash water is possible in this area.

3.6.2 Wash waters from the decontamination of equipment will be collected using a portable pump or vacuum truck and drummed for proper disposal. Any solids generated from the decontamination effort will be combined with other contaminated soil or clothing for proper disposal.

3.7 Notifications

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Emergency Control Procedures

3.7.1 The Facility Manager will make the required notifications following the Emergency Response Numbers listed at the front of this plan, and Chain of Command presented in this document. The SHEA Department should be notified as soon as possible so a determination might be made as to the need for additional clean-up resources.

3.8 Follow-up Reporting

3.8.1 The Facility Manager, in concert with the SHEA Department, will prepare a written report when necessary. A copy of the report will be sent to corporate Environmental Affairs as well as Local, State, and Federal agencies depending upon their individual written reporting requirements.

3.9 Record Retention

3.9.1 A record of a spill and subsequent action taken will be made and kept on file. Records relating to spill incidents will be maintained in the office of the Facility Manager as well as in the office of the Region Safety/Environmental Coordinator. Records will be maintained as prescribed in corporate, State, and Federal guidelines.

Appendix I

Emergency Control Procedures

EVACUATION

4.0 Evacuation

4.1 General Considerations

4.1.1 In the event evacuation is necessary, all persons at the facility will immediately leave by the safest route. All persons will assemble across the road directly opposite the building's front entrance and a head count will be made.

4.2 Specific Considerations

4.2.1 Internal Emergencies

4.2.1.1 When conditions become untenable, the Facility Manager or his designee shall activate the air horn or utilize the voice command system signalling a need to evacuate. At the sound of the air horn or a verbal command given over the intercom system, all personnel shall immediately leave the premises and assemble.

4.2.2 External Emergencies and Power Failures:

4.2.2.1 During natural disasters, such as flooding, heavy storms, tornados or power failure, it may be necessary to shut down operations of the facility. This decision will be made by the Regional Distribution Manager. Insofar as practical, prior to shutdown, the Facility Manager shall have all equipment and small containers secured to minimize loss. In the event of an electrical power failure, electrical equipment will be turned off or unplugged to avoid danger when power is restored.

4.3 Emergency Alarm

4.3.1 The air-driven horn and/or voice command system is to be utilized to warn of the need for facility evacuation.

4.4 Evacuation Route

4.4.1 Exit the office or warehouse areas and proceed out the main gate on the south side of the property, and proceed to the designated assembly location.

Appendix I

Emergency Control Procedures

4.5 Assembly Location

4.5.1 Employees should assemble at the north side of #2 Road

4.6 Authorized Personnel

4.6.1 Personnel authorized to take emergency action are:

4.6.1.1 David Birzer

4.6.1.2 Dan Stewart

4.6.1.3 Any on-site personnel

Date of last revision 8/2/96

This revision supersedes all previous copies of the Contingency Plan for the Bloomfield, NM facility. Please discard all other copies.

Appendix I
Emergency Control Procedures

Appendix II
Utility Shut-off

Appendix II Utility Shut-off

UTILITY SHUT-OFFS FOR BLOOMFIELD WAREHOUSE

1.0 WATER SERVICE

- 1.1 There main water shut-off is located near the southeast corner of the property. :

2.0 ELECTRICAL SERVICE

- 2.1 Locations of electrical panels are detailed in the site map, which follows. The MAIN shut-off is located on the outside wall of the northeast corner of the office building. The circuit breaker is located inside the office building in the far northwest corner

3.0 GAS SERVICE

- 3.1 This facility has a propane tank located on the east side of the office.

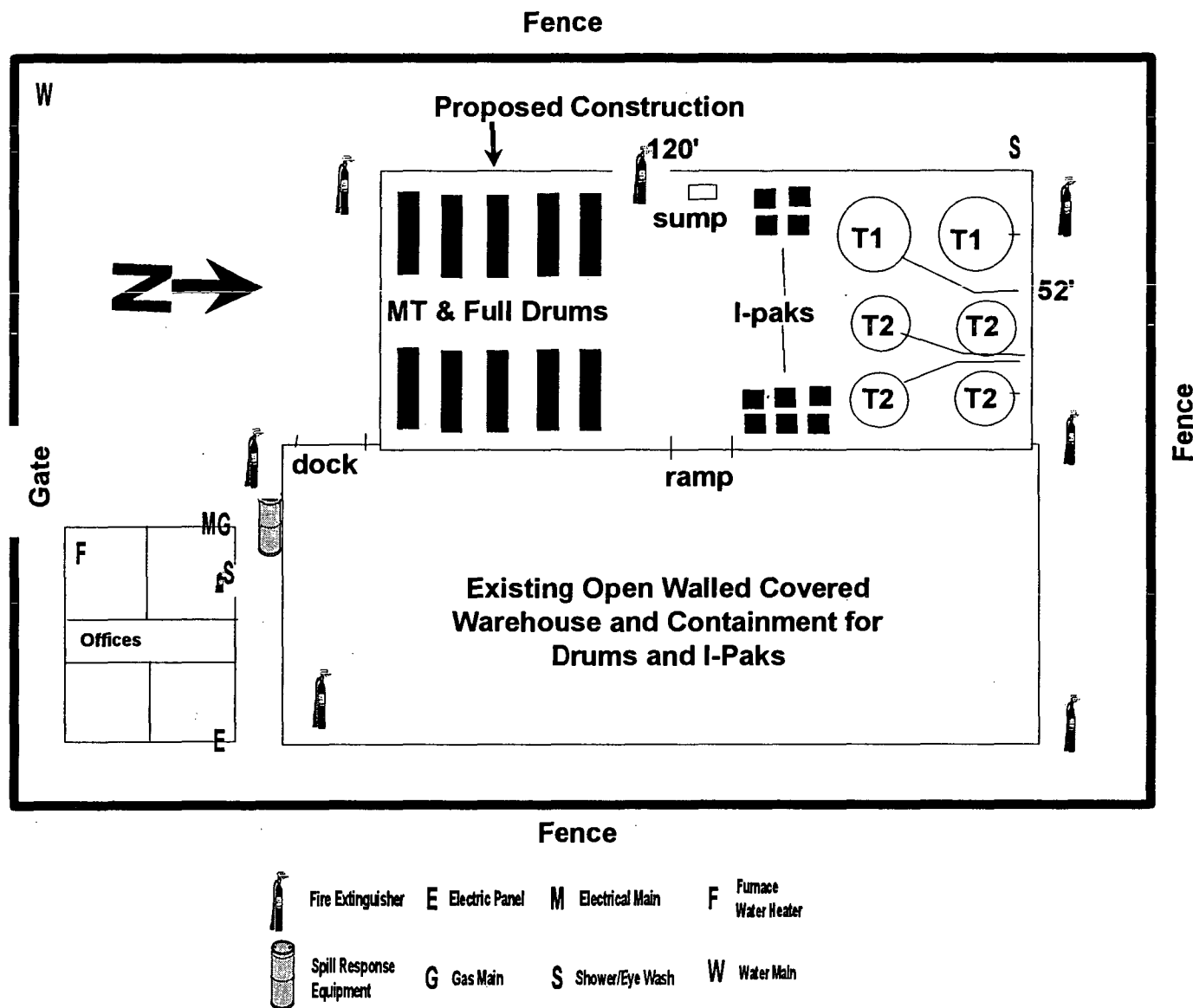
Appendix II
Utility Shut-off

SITE MAP

Bloomfield, NM Warehouse, Emergency Equipment, Site Layout and Exits

Assembly Area

#2 Road



Appendix E

Closure Plan:

Petrolite's Bloomfield, NM facility consists of developed commercial real estate. The building and the land are solely owned by Petrolite. Should Petrolite cease doing business at this site, all chemicals, wastes and other materials regulated by the OCD, OSHA and the EPA will be removed from the site, and disposed of according to regulation. The office, warehouses and other secondary containment areas will be sold as part of the site improvements.

The Bloomfield, NM facility does not have any water contaminant discharges to either the ground or below the surface of the ground. OCD guidelines will be followed in reporting and cleaning up any ground contamination in the event of a reportable accidental release from chemical handling and transportation activities during the operational life of the facility. OCD cleanup guidelines address soil and ground water remediation from such occurrences. Further post-closure maintenance plans, monitoring plans, and financial assurance are not deemed necessary.



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

August 13, 1996

CERTIFIED MAIL
RETURN RECEIPT NO. P-594-835-300

Mr. George A. Cary
Manager, Regional SHEA Operations
Petrolite Corporation
369 Marshall Avenue
St. Louis, MO 63119-1897

RE: Discharge Plan GW-135 Modification
Petrolite, Bloomfield Facility
San Juan County, New Mexico

Dear Mr. Carey:

The discharge plan GW-135 Modification dated August 2, 1996 for the Petrolite Corporation facility located in Section 3, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico, **can not processed** as received. Please resubmit the modification in accordance with the current WQCC Regulations dated December 1, 1995, and OCD Application Form and Discharge Plan Guidelines revised December, 1995. (Copies enclosed) Please submit the signed discharge plan application form along with the discharge plan modification in duplicate to the Santa Fe OCD Division office with a copy sent to the OCD Aztec District office. The \$50 filing fee needs to be submitted to the OCD Santa Fe Division office and made payable to NMED - Water Quality Management.

Note: All OCD rules, regulations, and guidelines are available on the Internet at WWW.EMNRD.STATE.NM.US.

Should you have any questions regarding this matter please feel free to give me a call at (505)-827-7156.

Sincerely,

Patricio W. Sanchez
Petroleum Engineering Specialist,
Environmental Bureau

XC: Mr. Denny Foust - Geologist, Aztec District Office.
Mr. John Fisketjon - Petrolite Cert. Mail No. P-594-835-301 w/o enclosure

P 594 835 300

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

Sent to	
Mr. George Cary	
Street & Number	
Petro-lite Corp.	
Post Office, State, & ZIP Code	
St. Louis, MO	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$

Postmark or Date

PS Form 3800, April 1995

P 594 835 381

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

Sent to	
Mr. John Fisketjon	
Street & Number	
Petro-lite Corp.	
Post Office, State, & ZIP Code	
Newark, N.J.	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$

Postmark or Date

PS Form 3800, April 1995

August 2, 1996

AUG - 8 1996

Mr. Chris Eustus
State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87504

RECEIVED

AUG 09 1996

Environmental Bureau
Oil Conservation Division

Re: Discharge Plan GW-135 — Major Modification


Dear Mr. Eustus:

Enclosed, please find a "Request for Modification of Discharge Plan GW-135 dated March 15, 1993." The revised discharge plan application includes provisions for a new concrete secondary containment pad for the storage of drums, I-paks, and six 4,000 - 6,000 gallon bulk storage tanks.

1. A rough sketch of the proposed construction can be found in Appendix B of the enclosure.
2. A new rainwater drainage sump will include:
 - a. provisions for a double wall containment system
 - b. cathodic protection
 - c. mechanical means for leak detection and fluid removal
3. Contaminated environmental media and/or spill residues will be disposed in an approved manner according to OCD guidelines.

Should you have any questions concerning these revisions, please contact Mr. Dave Birzer (505) 632-1000 or myself at (314) 968-6068.

Sincerely,



George A. Cary
Manager, SHEA

Enclosure

cc: D. Birzer
File

**State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, NM 87501**

RECEIVED

AUG 09 1996

Environmental Bureau
Oil Conservation Division

**DISCHARGE PLAN APPLICATION FOR OIL FIELD SERVICE FACILITIES
Request for Modification of Discharge Plan GW-135 Dated March 15, 1993
Submitted by: Petrolite Corporation**

I. Type: Office and warehouse location for the sale and distribution of specialty oil field chemicals used as corrosion inhibitors, fuel additives and production oil and water-treating additives.

II. Operator: Petrolite Corporation

**Address: 369 Marshall Ave
Corporate St. Louis, MO 63119**

**Contact Person: David Birzer (primary) John Fisketjon (alternate)
(505)632-1000 (307)968-6068
(505)632-1010 (fax)**

**III. Location: 5046 #2 Road
Bloomfield, New Mexico 87413**

APPENDIX A - LEGAL DESCRIPTION OF PROPERTY

IV. Name and address of the landowner of the disposal facility site.

NOT APPLICABLE

V. Description of the facility with a diagram indicating location of fences, pits, dikes, and tanks on the facility.

**APPENDIX B - SITE AND GRADING PLAN FOR THE Bloomfield, MEW MEXICO
DISTRIBUTION SITE**

- **FARMINGTON, NEW MEXICO DISTRIBUTION SITE WAREHOUSE
FOUNDATION PLAN DETAILS**

VI. Description of all materials stored or used at the facility.

APPENDIX C - PROPOSED PRODUCT MIX AND USES OF STORED PRODUCTS

- **ESTIMATED STORAGE VOLUMES, FLASH POINTS, UFC CLASS
AND PILE SIZE**
- **TYPICAL STORAGE LAYOUT BASED ON UFC CLASSES**
- **DISCHARGE PLAN APPLICATION: Part VI Form**

VII. Description of present sources of effluent and waste solids. Average quality and daily volume of waste water.

A rainwater collection sump will be installed in the new secondary containment storage pad. This sump will be a double wall containment system with a mechanical means of leak detection and fluid removal. Rainwater collected from the pad will be used as flush water in Tretolite's contract treating business. The sump will be checked daily for signs of accumulation. Quantities of rainwater collected from the secondary storage pad will be dependant on the frequency and amount of local precipitation.

VIII. Description of current liquid and solid waste collection/treatment/disposal procedures.

From time to time the facility may store 1-3 drums of contaminated soil from field locations until it can be disposed of in a proper manner.

IX. Description of proposed modifications to existing collection/treatment/disposal systems.

NOT APPLICABLE

X. Routine inspection and maintenance plan to ensure permit compliance.

APPENDIX D - EMERGENCY PREPAREDNESS, PREVENTION AND CONTINGENCY PLAN -
Bloomfield, New Mexico Warehouse Revised August, 1996

XI. Contingency plan for reporting and clean-up of spills or releases.

APPENDIX D - EMERGENCY PREPAREDNESS, PREVENTION AND CONTINGENCY PLAN -
Bloomfield, New Mexico Warehouse Revised August, 1996

XII. Geological/hydrological evidence demonstrating that disposal of oil field wastes will not adversely impact fresh water. Depth to and quality of ground water.

NOT APPLICABLE

XIII. Other information as necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.

A copy of the revised plot plan showing the new construction for the Bloomfield, NM warehouse is attached.

XIV. CERTIFICATION

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

Name: R. J. Churchill

Title: Vice President, General Manager, Tretolite
Division

SIGNATURE

RJ Churchill

DATE

8/2/96

Appendix A

Appendix A
Legal Description of Bloomfield, NM Warehouse
Petrolite Corporation

A tract of land being a portion of the south 330.00 feet of the Northwest Quarter of Section 3, T29N R11W, N.M.P.M., San Juan County, New Mexico being more particularly described as follows:

BEGINNING at a point on the South line of the South 330.00 feet of the Northwest Quarter of Section 3 from whence the Southwest Corner of said Section 3 bears S88°%D55'12" W2352.52 feet and 800° % D10'00"W 2640.76 feet;

Thence: N00° %D42'28"E for a distance of 330.16 feet to a point on the north line of the south 330.00 feet of the NW1/4 of said Section 3 as described in Book 1122, Page 598;

Thence: N88° %D56'18"E for a distance of 264.01 feet to a point on the westerly right-of-way of State Highway 44;

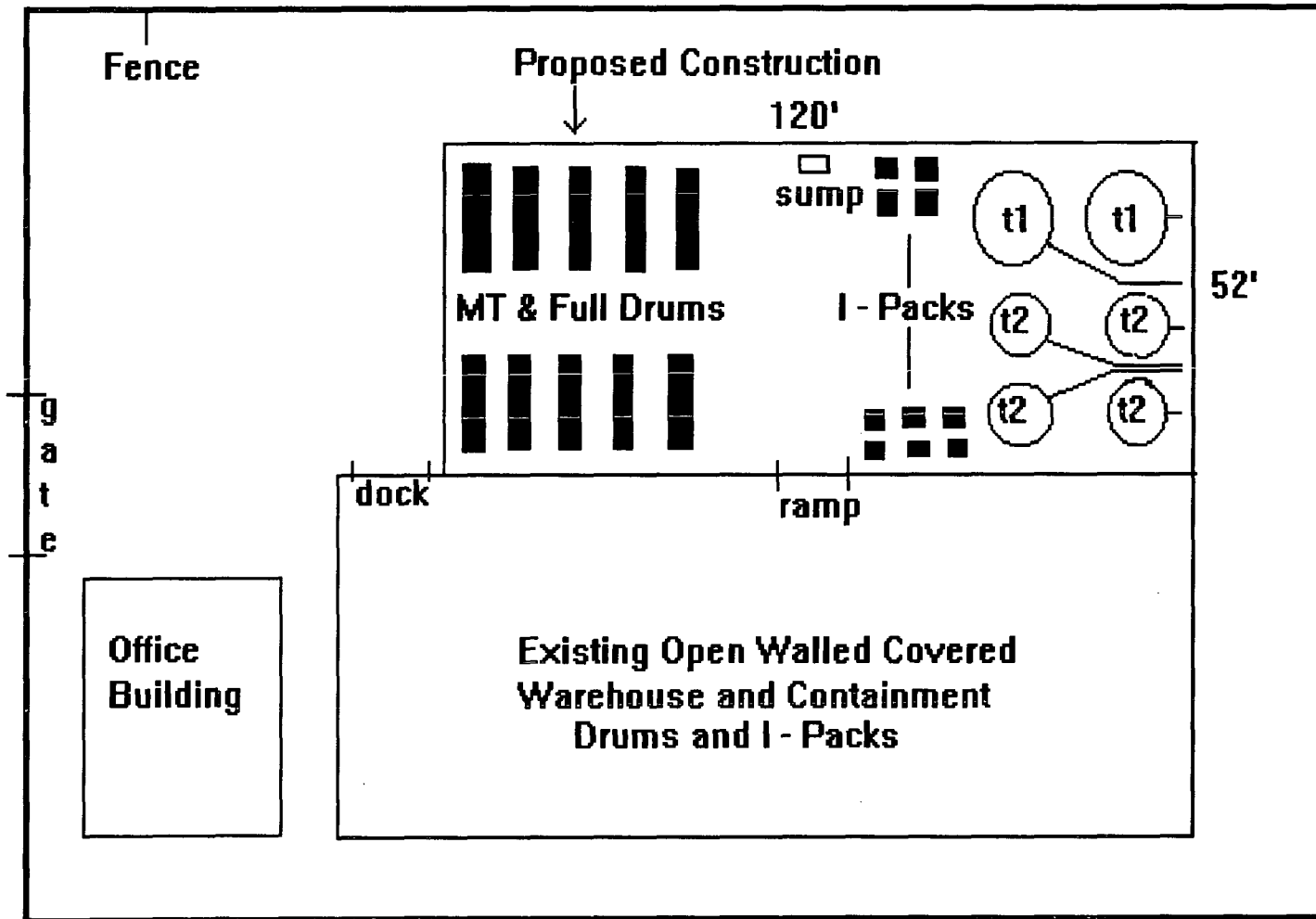
Thence: S00° %D42'28"W for a distance of 330.16 feet along said right-of-way;

Thence: S88° %D55'12"W for a distance of 264.01 feet along the south line of the south 330.00 feet of the NW1/4 of said Section 3 to the point of beginning containing 2.0 acres more or less.

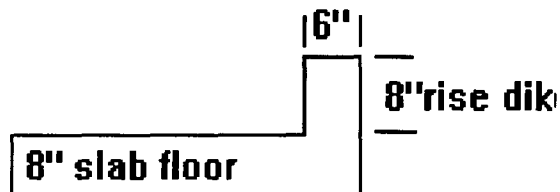
RESERVING to Owner herein, their heirs and/or assigns, an easement for utility and access over the South 30 feet of subject property, and the right to extend a water line across subject property, as noted in Book 1122; Page 598.

Appendix B

**Proposed modification of the Petrolite Warehouse in Bloomfield, NM Under
Discharge Plan GW-135 (3/15/93)**



#4 rebar @12" centers
t1 = 6000 gl. tank
t2 = 4000 gl. tank



Appendix C

Petrolite Corporation
Farmington, New Mexico
Distribution Site
Proposed Materials and Uses of Stored Products

Old Product Number	New Product Number	Product Use
KG-46	Obsolete	Corrosion Inhibitor, Gas, Oil Soluble
KG-49	CGO0049F	Corrosion Inhibitor, Gas, Oil Soluble
KG-50	Obsolete	Corrosion Inhibitor, Gas, Oil Soluble
KG-50E	CGO0050F	Corrosion Inhibitor, Gas, Oil Soluble
KG-55	CGO0055L	Corrosion Inhibitor, Gas, Oil Soluble
KG-99	CGO0099F	Corrosion Inhibitor, Gas, Oil Soluble
KG-118	CGO0118F	Corrosion Inhibitor, Gas, Oil Soluble
K-147	CRO0147G	Corrosion Inhibitor, Gas, Oil Soluble
HK-7470	HK-7470	Corrosion Inhibitor, Oil Soluble
KW-10	CRW0010A	Corrosion Inhibitor, Water Soluble
KW-37	CRW0037L	Corrosion Inhibitor, Water Soluble
CRW-5495E	CRW-5494E	Corrosion Inhibitor, Water Soluble
F-46	DMO0046F	Demulsifier, Oil Soluble
J-196	Obsolete	Demulsifier, Oil Soluble
RP-101	DMO0101K	Demulsifier, Oil Soluble
F-146	DMO0146F	Demulsifier, Oil Soluble
RP-260	DMO0260K	Demulsifier, Oil Soluble
RP-295	DMO0295G	Demulsifier, Oil Soluble
TF-25	FMW0025G	Foamer, Water Soluble
SX-300	HSW0300F	H2S Scavenger, Water Soluble
SX-310	HSW0310D	H2S Scavenger, Water Soluble
K-494	OSW0494C	Oxygen Scavenger, Water Soluble
WF-273	OSW0520C	Oxygen Scavenger, Water Soluble

Petrolite Corporation
Farmington, New Mexico
Distribution Site
Proposed Materials and Uses of Stored Products

Old Product Number	New Product Number	Product Use
CF-34	PAO0034K	Paraffin Inhibitor, Oil Soluble
PD-100	PAO0100F	Paraffin Inhibitor, Oil Soluble
PD-103	PAO0103F	Paraffin Inhibitor, Oil Soluble
PD-108	PAO0108F	Paraffin Inhibitor, Oil Soluble
J-255	RBW0255C	Reverse Breaker, Water Soluble
SP-181	SCW0181K	Scale Inhibitor, Water Soluble
SP-237	SCW0237H	Scale Inhibitor, Water Soluble
SP-260W	SCW0260H	Scale Inhibitor, Water Soluble
SP-319	SCW0319G	Scale Inhibitor, Water Soluble
WF-9S	WAW0237C	Wetting Agent, Water Soluble
WF-277	WAW0277F	Wetting Agent, Water Soluble
WF-272	WAW9000I	Wetting Agent, Water Soluble
CF-23	WCO0023L	Waterflood/Combination, Oil Soluble
WF-161W	WCW0161G	Waterflood/Combination, Water Soluble
XC-307	XC-307	Industrial Biocide
XC-320	XC-320	Industrial Biocide
XC-370	XC-370	Industrial Biocide

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	Petrolite Corporation: Estimated Storage Volumes, Flash Points, UFC Classes and Pile Size														
2	Old	New	1991 Volume Gall	1991	1992	45 Days	MIN	MAX	# 345	# 549	Flash	UFC	Component Solvents	Pile Size	Pile Volume
3	Product	Product		Volume	Volume	Stock	Stock	Stock	Tanks	Tanks	PT, F	Class		Drums	Bar
4	Number	Number		Drums	Drums										
5															
6	PD-108	PA00108F	505	9	48	8	8	12			84	IB		40	
7	PD-103	PA00103F	12,145	221	140	18	14	20	1	0	43	IB	Toluene & VM&P Naphtha	40	4,400
8	PD-100	PA00100F	2,700	40	120	15	14	20	1	0	44	IB	Toluene & VM&P Naphtha	40	4,400
9	K-147	CR00147G	1,387	25	25	3	4	8			69	IB	Isopropanol & Methanol	40	
10	KQ-99	CG00099F	14	0	0	0	0	0			82	IB	Isopropanol	40	
11	KQ-60E	CG00050F	2,385	43	75	9	8	10			82	IB	Isopropanol	40	
12	KQ-50	Obsolete	3,383	81	0	0	0	0			82	IB	Methanol	40	
13	KQ-49	CG00049F	1,783	32	82	8	8	12			83	IB	Methanol	40	
14	KQ-48	Obsolete	2,090	38	0	0	0	0			86	IB	Isopropanol & Methanol	40	
15	HK-7470	HK-7470	55	1	24	3	4	0			72	IB	Isopropanol & Methanol	40	
16	CRW-5496E	CRW-5494E	3,850	70	110	14	8	12	2	1	68	IB		80	4,400
17	XC-370	XC-370	3,695	85	90	11	8	12			78	IC		80	
18	XC-320	XC-320	715	13	13	2	0	0			78	IC		80	
19	XC-307	XC-307	2,478	45	45	8	8	12			90	IC		80	
20	WF-277	WAW0277F	110	2	2	1	1	2			88	IC		80	
21	WF-181W	WCV0181G	880	16	20	3	4	12			93	IC		80	
22	TF-26	FMW0025G	56	1	10	1	4	8			95	IC		80	
23	SX-310	HSW0310D	65	1	20	3	2	4			78	IC		80	
24	SX-300	HSW0300F	110	2	0	0	0	0			85	IC		80	
25	SP-260W	SCW0260H	3,850	70	70	9	8	12			95	IC		80	
26	SP-237	SCW0237H	1,307	24	24	3	3	4			91	IC		80	
27	RP-298	DMO0295G	1,320	24	24	3	4	8			96	IC		80	
28	KW-10	CRW0010A	880	12	12	2	4	8			90	IC		80	
29	KQ-118	CG00118F	51,185	931	1,300	183	50	80	13	8	90	IC		80	8,800
30	F-48	DMO0048F	178	3	8	1	5	8			98	IC		80	
31	F-148	DMO0148F	560	10	10	1	3	4			91	IC		80	
32	SP-319	SCW0319Q	110	2	48	8	2	8			104	II		180	
33	SP-181	SCW0181K	56	1	0	0	0	0			102	II		180	
34	RP-260	DMO0280K	330	6	12	2	5	10			104	II		180	
35	RP-101	DMO0101K	55	1	0	0	0	0			108	II		180	
36	KW-37	CRW0037L	1,288	23	23	3	4	8			103	II		180	
37	KQ-55	CG00055L	110	2	12	2	2	4			104	II		180	
38	CF-34	PA00034K	828	15	30	4	5	8			115	II		180	
39	CF-23	WCO0023L	1,547	28	0	0	0	0			115	II		180	
40	WF-272	WAW0000I	110	2	10	1	2	4			148	IIIA		400	
41	WF-93	WAW0273C	21	0	0	4	4	12			>200	IIIB		400	
42	WF-273	OSW0620C	330	6	10	1	2	4			>200	IIIB		400	
43	K-620	OSW0620C	1,826	35	0	0	0	0			>200	IIIB		400	
44	K-484	OSW0484C	275	5	40	5	8	10			>200	IIIB		400	
45	J-255	RBW0255C	110	2	2	1	2	3			>200	IIIB		400	
46	J-198	Obsolete	56	1	1	1	1	2			>200	IIIB		400	
47	=====														
48	Total		103,882	1,888	2,438	315	203	331							

Petrolite Corporation
Discharge Plan Application
Part VI. Form
Materials Stored or Used at Facility

Name	General Makeup or Specific Brand Name	Solids (S) or Liquids (L)?	Type of Container (tank #345, tank #549, drum, etc.)	Estimated Volume Stored (gallons)	Location (yard, shop, drum storage, etc.)
1. Drilling Fluids	None				
2. Brines	None				
3. Acids/Caustics	None				
4. Detergents/ Soaps	None				
5. Solvents and Degreasers	None				
6. Paraffin Treat- ment/Emulsion Breakers	J-196	L	Drum	110	Drum Storage
	PAO0034K	L	Drum	440	Drum Storage
	PAO0100F	L	Drum, Tank #345	1100	Drum Storage
	PAO0103F	L	Drum	1100	Drum Storage
	PAO0108F	L	Drum	660	Drum Storage
7. Biocides	XC-307	L	Drum	660	Drum Storage
	XC-320	L	Drum	0	Drum Storage
	XC-370	L	Drum	660	Drum Storage
8. Others	None				

Appendix D

Petrolite Corporation

Bloomfield Warehouse

**5046 #2 Road
Bloomfield, NM**

**Version 1. 1
Revised - August 1996**

**Emergency Preparedness, Prevention &
Contingency Plan**

and

Spill Prevention Response Plan

**Petrolite Corporation
Bloomfield, NM Warehouse
EMERGENCY TELEPHONE NUMBERS**

In the event of a spill emergency, it is the Facility Manager's responsibility
to contact the following agencies (if applicable):

**EMERGENCY
PREPAREDNESS, PREVENTION AND CONTINGENCY PLAN**

Bloomfield Fire Department	911 Emergency 632-8011
Bloomfield Police Department	911 Emergency 632-8011
National Response Center (Immediate Notification Required)	800-424-8802
NM Oil Conservation Commission (Immediate Notification Required)	805-827-7131
Hospital - Emergency Center San Juan Regional Medical Center	599-6100
Area Sales / Distribution Manager (David Birzer)	505/632-1000 (work) 505/334-0017 (home) 505/579-3010 (mobil)
Petrolite Emergency Information (CHEMTREC)	800-424-9300
Petrolite Safety Information (Bayport, TX 24 Hours/day)	713-474-9484
Official Spokesperson/media representative (Mark Henson) Director Corporate SHEA	314/968-6135 (work) 314/458-5651 (home)
Operations Support Manager Ray Martin	314/968-6260 (work) 618/692-8261 (home)
Regional Distribution Manager (John Fisketjon)	307/347-2511 (work) 307/347-4772 (home)
Regional Safety, Health & Environmental Affairs Manager (George A Cary)	314/968-6068 (work) 314/458-1477 (home) 800-443-7243, code 008678 pager)
Petrolite Safety Manager (John McCluree)	314-968-6295 (work) 314-961-4947 (home)

PETROLITE CORPORATION, BLOOMFIELD FACILITY
Emergency Preparedness, Prevention and Contingency Plan
&
Spill Prevention Response Plan

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Appendix II

PETROLITE CORPORATION, BLOOMFIELD FACILITY

Emergency Preparedness, Prevention and Contingency Plan & Spill Prevention Response Plan

1.0 Description of Facility

1.1 Description of Industrial or Commercial Activity

The Petrolite Bloomfield warehouse is located at 5046 #2 Road, Bloomfield, NM . The facility is comprised of an office/sales field laboratory, product storage yard, contract treating and product loading/unloading area. Petrolite owns the property. The facility occupies approximately 2.0 acres. A plot plan of the facility can be found in Appendix I.

The facility operates on a 9-hour (daylight), 5-day per week schedule. Operations are under the control of a Area Sales Manager who has direct responsibility for the site. Facility operations consist of the Warehouse Foreman/Driver and four contract treating/delivery drivers. The Warehouse Foreman/Secretary also reports to the Regional Distribution Manager. This location also provides lab facilities and offices for a sales technician and three sales personnel. The Area Sales Manager is responsible for maintaining and updating this plan as changes are made.

Petrolite sells and distributes a wide variety of specialty chemicals used as corrosion inhibitors, fuel additives, industrial water treating additives, and refinery process additives. Products are delivered to the facility via company truck or common carrier. Storage occurs in 55 gallon drums, 5 gallon pails, portable I-paks (upto 500 gallons). Semi-bulk containers ranging in capacity upto 1,000 gallons are used to store products used in contract treating. All chemicals are stored outside. Drums are placed directly on the ground and are stacked and arranged to take into account flammability code and pile size. Contract treating chemicals are stored inside fiberglass or concrete secondary storage basins.

Petrolite handles numerous specialty products at this facility. Material Safety Data Sheets are maintained on-site for all products. The majority of the products stored at the facility are solvent based and are hazardous substances due to flammability. A few products stored at the facility are hazardous due to their corrosive property.

The facility is listed as a conditionally exempt small quantity hazardous waste generator. Such wastes occur as a result of laboratory solvents and reagents used in the analysis and characterization of oil field samples. As a result, hazards posed by any accumulated wastes are identical to hazards posed by product storage and handling. Therefore the Emergency Control Procedures for products are applicable to waste products including those designated as hazardous waste. The facility also generates ordinary solid waste in the form of paper, plastic, boxes, towels, etc. from the office and warehousing operations. The facility generates a small amount of sanitary sewer waste from the office building commodes and sinks.

Appendix I contains a detailed plot plan of the facility showing the following:

- Location of the facility and site boundaries
- General site layout
- Loading and unloading operations
- Waste handling and storage
- Entrance and exit routes to the site
- Location of emergency equipment, i.e. fire extinguishers, gas and electric shutoffs, etc.

1.2 Description of Existing Emergency Response Plans

1.2.1 Four emergency plans currently exist for the Bloomfield facility; Fire, Spill, Injury, and Evacuation. All elements of these plans are incorporated into this plan and are currently in-place.

2.0 Implementation Plan

2.1 Organizational Structure

2.1.1 The facility operations consist of twelve distribution, sales and support staff.

2.1.2 The Area Sales Manager is in charge of the Fire, Spill, Injury, and Evacuation Plans. He is responsible (with guidance from the SHEA Department, located in St. Louis, Mo.) for the training of employees and for implementing response measures in the event of an incident. Training includes familiarizing employees with the provision of these plans, location, use, and maintenance of spill control equipment, safe routes for evacuation, and reporting requirements. The Facility Manager is also responsible for

insuring that the facility is operated and maintained so as to minimize the potential for any type of incident.

2.3 Emergency Coordinators

2.3.1 Primary Coordinator

David Birzer - Area Sales
504 Western Circle
Aztec, N.M. 87410

Work: 505/632-1000
Car: 505/599-3010
Home: 505/334-0017

2.3.2 Secondary Coordinator:

Dan Stewart - Driver
1605 E. 30th
Farmington, NM. 87401

Work: 505/632-1000
Mobile: 505/599-3816
Home: 505/326-0645

2.4 Duties of Emergency Coordinator:

2.4.1 Whenever there is an imminent or actual emergency situation, including fire, spill, injury, or explosion, the emergency coordinator is responsible for the following:

2.4.2. Addressing the situation by identifying any possible threats to human health or the environment. This includes identifying the character, exact source, amount and area extent of emitted or discharged materials.

2.4.3 Notifying all on-site personnel via verbal commands. If necessary, employees will be notified to evacuate according to plan.

2.4.4 To the extent possible and practical, attempt to control or mitigate the situation by shutdown of contributing processes, defensive containment of spills, collecting and containing released materials or wastes, and removing and/or isolating affected containers.

2.4.5 Notifying local, regional, state, and federal agencies and emergency response personnel in accordance with set plan. If the incident poses a significant threat to human health or the environment, the coordinator is responsible for notifying local and county emergency management agencies and indicating if evacuation of local areas is advisable.

2.5.6 Stand-by to advise and assist emergency response personnel.

2.5.7 Coordinate site cleanup efforts, waste disposal efforts, and preparing any follow-up reports to local, state, and/or federal agencies.

2.6 Chain of Command

2.6.1 In the event of an imminent or actual facility emergency, the following internal Petrolite personnel shall be notified in the following order:

1. Regional Distribution Manager
John Fisketjon
1501 Howell Ave
Worland, WY 82401
Work: 307/347-2511
Home 307/347-4772
2. District Operations Manager
Jim Burtner
2260 Bible Hill Rd.
Franktown, CO 80116
Work: 303/798-1090
Home 303/688-5161
3. Operations Support Manager
Ray Martin,
25 Ginger Ridge Ln.
Glen Carbon, IL 62034
Work: 314/968-6260
Home 618/692-8261
4. Manager Regional SHEA Operations
George A Cary
1865 Shiloh Woods Rd
Chesterfield, MO 63005
Work: 314/968-6068
Home: 314/458-1477
Pager: 800/443-7243,
ID# 008678 Type Phone
#, Hang Up
4. Director Corporate Safety, Health, Environmental Affairs
Mark Henson
17972 Rosemar Lane
Glencoe, MO 63038
Work: 314/968-6135
Home: 314/458-5651

3.0 Spill Leak Prevention and Response

3.1 Pre-release Planning

3.1.1 The modes of operation at the facility make fire and soil contamination the most likely consequences of an emergency spill

episode. The facility has been updated to prevent and/or minimize damage in the event of an occurrence.

- 3.1.2 To control spills from the truck and drum loading and unloading area, the drivers and operators are required to follow standard operating procedures. The drivers and operators are equipped with drip pans to contain any minor spills from equipment in use during normal operations.

4.0 Material Compatibility

- 4.1 All containers, tanks, and pumps are constructed of materials compatible with the products contained. Drums and portable containers conform with DOT requirements, and are labeled in conformance with applicable regulations. Materials and hazardous wastes stored in portable tanks, drums and pails are compatible to the extent that (in the event of a spill) no reactions will occur simply by mixing of products which will produce hazardous by-products or temperatures.
- 4.2 Material Safety Data Sheets for products stored at the facility are available in the office. These sheets contain chemical descriptions and hazardous identification of the products.
- 4.3 Profiles for the waste streams, if generated from this facility, are also available in the Facility Manager's office.

5.0 Prevention and Maintenance

- 5.1 All flow lines are aboveground and all tanks and lines are under daily visual observation. Transfer pumps are located on the contract treating and delivery trucks so that seals and connections can be readily observed during operations. It is the Warehouse Foreman's responsibility to have any leaking or damaged equipment repaired as soon as possible.

6.0 Housekeeping

- 6.1 The truck and drum loading and unloading areas are inspected daily for cleanliness. Trash containers are located within the work area to collect ordinary refuse. Regular trash pickup occurs once-per-week at the facility. Transfer hoses are capped after each use and are placed inside the secondary containment basins to reduce spill potential. Contract treating truck loading is performed over a

sloped concrete loading pad having a central spill catchment basin.

- 6.2 Spill response equipment, including a variety of tools, absorbents, and salvage drums are stored on the loading dock and next to the wooden storage shed near the contract treating tanks.

7.0 Security

- 7.1 The facility is surrounded by a chain link fence on all sides to restrict both pedestrian and vehicular access. All gates are locked when the site is not occupied and during non-working hours.

8.0 External Factor Planning

- 8.1 During natural disasters, such as flooding, power failure, storms, tornados, etc., it may be necessary to shut down operations of the facility. This decision will be made by the individual on the premise at the time, and conjunction with the Regional Distribution Manager. Insofar as practical, prior to shutdown, the on-site personnnel will have all equipment and large and small containers secured to minimize loss. In the event of a power failure, electrical equipment (where applicable) will be turned off or unplugged to avoid danger when power is restored.

9.0 Internal & External Communications Systems

- 9.1 The facility is small enough that effective verbal communications can be used to alert personnel to an emergency. In the event of an emergency requiring evacuation of personnel, the on-site personnel shall make notification via this method.
- 9.2 External notifications to outside emergency responders can be made via the facility telephone system. In the event notification via the facility phone system is not possible, notification can be made using the cellular phones located in the trucks.

10. Employee Training

- 10.1 During normal operations, zero to twelve persons are at the facility. Each facility employee has completed required OSHA Hazcom Training. All employees on-site have been trained in the use and implementation of this emergency plan, including the chain of command notification procedures, location of the plan,

and the applicable evacuation routes and procedures. Each employee also attends a monthly safety meeting on a topic directly related to the safe operation and maintenance of the facility.

- 10.2 All employees are trained in the proper use of the following safety equipment and are issued the same to be used during daily facility operation:

- Approved steel toed shoes
- Safety glasses; if needed, prescription safety glasses
- Hardhats
- Safety goggles
- Faceshields
- SCBA respiratory protection
- Earplugs

- 10.3 Replacement equipment for all the personal safety equipment listed above is available. except steel toed shoes, prescription safety glasses, and nomex coveralls. These items must be obtained from the appropriate vendors.

- 10.4 Personnel responsible for implementation of this plan (i.e. Primary and Secondary Emergency Coordinators) have been trained in subjects related to emergency preparedness and response, including the following:

10.4.1 Primary Coordinator:

- Hazardous Waste Management Under RCRA
- Hazardous Materials Transportation - HM-126F:
- The American Red Cross Standards (First Aid)
- The Contingency Plan for the Bloomfield Facility
- Fire Extinguisher Use
- Hazard Communication

10.4.2 Secondary Coordinator:

- Hazardous Waste Management Under RCRA
- Hazardous Materials Transportation - HM-126F:
- The American Red Cross Standards (First Aid)
- The Contingency Plan for the Bloomfield Facility
- Fire Extinguisher Use

- 10.5 Many of these subjects are reinforced through annual training requirements under EPA and OSHA statutes, on-the-job training, or monthly safety meetings. Training documentation for all employees is maintained at the facility and at the corporate office located in St. Louis.

Appendix I
Emergency Control Procedures

Appendix I Emergency Control Procedures

FIRE

1.0 Fire

1.1 General Considerations

- 1.1.1 No Petrolite employee shall attempt to extinguish any fire if such action might conceivably cause personal injury or death. The policy is to call for help FIRST by dialing **911**. One should never hesitate to call the Fire Department if there is the slightest possibility they will be needed.

1.2 Specific Considerations

- 1.2.1 Emergency escape routes, facility layout, location of fire extinguishers and procedures for evacuation are designated in the facility diagram in Appendix I. Once out of the building, evacuees should proceed immediately through the gate and assemble at the entrance to the driveway off of #2 Road. Employees should move out of the path of any smoke, fumes or fire.
- 1.2.2 Procedures for employees who must attend critical operations before they can evacuate the facility - If possible, power to the facility should be shut off at the panel on the east side of the office building depending on the nature of the emergency.
- 1.2.3 Procedure to account for all employees following evacuation - The ranking manager/supervisor shall be responsible for making a head count. Immediately count at the assembly area at the northwest corner of the property.
- 1.2.4 Means of reporting fires and other types of emergencies - The primary means of reporting emergencies in the Bloomfield facility is by VOICE.
 - 1.2.4.1 **External Reporting** - All required assistance should be summoned through the 911 operator. The call to 911 is the responsibility of the individual witnessing the emergency.

Appendix I

Emergency Control Procedures

- 1.2.4.2 **Internal Reporting** - The Facility Manager must be notified immediately, with follow-up notification to the individuals on the emergency call list as soon as practical. The Facility Manager will make all other required internal notifications.
- 1.2.5 Potential fire hazards and proper procedures for handling/storage, potential ignition sources and their control, and type(s) of fire protection/systems that can control a fire involving them - A considerable amount of chemical is stored and handled at this facility insofar as it is a major warehousing location. All chemicals are stored outside. The tank farm is designed with fire/spill safety in mind.
- 1.2.6 The office area contains many different types of electrical appliances, including electric typewriters, computers, a copier, fax machine, coffee maker, and so on. Care must be taken to avoid overloading electrical outlets. Paper and other combustible trash must be removed on a regular basis.
- 1.2.7 The laboratory contains flammable solvents and other hazardous reagents. Standards of safe laboratory care are to be applied at all times. Special care is to be taken when working with open flames. Contaminated rags are to be stored in a covered metal container pending disposition.
- 1.2.8 All Petrolite facilities are designated as "**NO SMOKING**" areas, with the exception of defined smoking areas outside.
- 1.2.9 Job titles of those responsible for maintaining equipment and systems installed to prevent or control ignition of fires - The Facility Manager is responsible for maintenance of fire control/prevention equipment located at the facility.
- 1.2.10 Job titles of those responsible for the control of accumulation of flammable or combustible waste materials - The Facility Manager is responsible for controlling accumulation of waste materials.
- 1.3 Housekeeping**
- 1.3.1 Control measures to prevent build-up of flammable and/or combustible wastes and residues so they don't constitute a fire emergency - General inspections are carried out in the facility on

Appendix I

Emergency Control Procedures

a regular basis. All flammable waste is held in a covered container pending disposal. Grounding wires are fitted on all bulk containers for use while dispensing contents into smaller containers. Approved containers are used for all flammable materials being stored for use in small quantities.

1.3.2 All spills are to be cleaned up immediately.

1.4 Combustion Sources

1.4.1 Maintenance to prevent ignition of combustibles - All "hot work" must be carried out in compliance with the details of Corporate Safety Procedure (CSP) #4. This procedure deals with spark and heat producing equipment and tools in hazardous atmospheres. Replacement of electrical switches, sockets, breakers, and so on, shall be with equipment having at least equal safety characteristics.

1.4.2 In the event of a chemical spill, all spark and/or heat producing activities will cease immediately and will not be re-started until cleanup is completed and hazardous vapors dissipated.

1.5 Fire Response Procedures

1.5.1 Fire extinguishers are located in various places around the work areas. See attached facility layout for locations.

1.5.2 Small Fires (incipient stage):

1.5.2.1 An attempt will be made to extinguish small fires, which are at incipient stage, with the use of portable dry chemical fire extinguishers. The fire department shall be called regardless of whether the fire is extinguished or not. At the first indication of fire, the following steps shall be taken:

1.5.2.2 Call fire department;

1.5.2.3 Attempt to extinguish fire;

1.5.2.4 Shut off electrical power to pumps and motors;

1.5.2.5 If fire involves product, contact Emergency Response Group in St. Louis to stand by for technical assistance.

Appendix I

Emergency Control Procedures

1.5.3 Large Fires (beyond incipient stage):

- 1.5.3.1 No attempt should be made to extinguish the fire. Evacuate all personnel and visitors.
- 1.5.3.2 Immediately notify fire department.
- 1.5.3.3 If possible, shut off power to building.
- 1.5.3.4 Stand by for fire department arrival. (Be prepared to assist with identification and location of products and facility contents.)
- 1.5.3.5 Contact Emergency Response Group in St. Louis for technical assistance.
- 1.5.3.6 Do not permit unauthorized individuals to enter company premises.

1.6 Notifications

- 1.6.1 Immediately upon discovery of a fire, yell "FIRE", call 911 and get the Fire Department on its way. Only then should an employee trained in proper operation of fire extinguishers attempt to fight the fire. As soon as someone is available to call, the Facility Manager and Region Safety/Environmental Coordinator must be advised of the situation. The Region Safety/Environmental Coordinator will make other required notifications.

1.7 Follow-up Reporting

- 1.7.1 The Region Safety/Environmental Coordinator, in concert with the specific Facility Manager, will prepare any required written documentation of the incident.

1.8 Record Retention

- 1.8.1 All records will be maintained in the office of the Region Safety/Environmental Coordinator in accordance with relevant Federal and State laws and corporate guidelines.

Appendix I Emergency Control Procedures

MEDICAL EMERGENCIES

2.0 Medical Emergencies

2.1 General Considerations

- 2.1.1 Whenever responding to a medical emergency, a rescuer must always be concerned first with his/her own safety. Upon entering the incident scene it is extremely important to be observant - especially if the victim is unconscious. The rescuer should always attempt to determine what hazards might be present that may have contributed to the problem. Specifically, electrical, chemical, and other physical hazards should be noted before proceeding. Where necessary, personal protective equipment may be required. Under no circumstance should an employee put himself/herself at unnecessary risk in order to provide medical assistance to another.

2.2 Specific Considerations

- 2.2.1 When rendering CPR and/or first aid, it is imperative that the rescuer adhere to accepted medical practice within the limits of his/her training. To guard against exposure to body fluids, the first aider should wear rubber medical gloves. In all cases a first responder shall yield control of the victim(s) to higher medical authority as it arrives.
- 2.2.2 Upon determination that the environment is safe for entry, the victim should be checked immediately to ensure his/her airway is clear, the victim is breathing, and has a pulse. If the victim is unresponsive, call 911 immediately to get Fire Department paramedics on their way. Following the initial check, and if CPR is not called for, first aid treatment for any other conditions may be delivered. The victim should not be moved unless an immediate hazard exists at the scene. The victim should be stabilized and comforted pending arrival of the ambulance.
- 2.2.3 In the case of direct contact with chemical, the skin shall be washed with water for at least 15 minutes. Contaminated clothing shall be removed. If eye contact occurs, the eyes shall be flushed with water for at least 15 minutes. Medical attention shall follow immediately. Material Safety Data Sheets for each product stored

Appendix I

Emergency Control Procedures

at the facility are available in the office. Additional first aid and medical information can be obtained by calling the Petrolite Emergency Information number at **800-424-9300**.

- 2.2.4 Based upon the seriousness of the accident, the Facility Manager shall decide whether hospital attention is required and, if so, the method of transporting the victim to the hospital.

2.3 Notifications

- 2.3.1 If immediate medical assistance is necessary, **call 911** as indicated above in Section 2.2. You should next notify the Region Safety/ Environmental Manager, who will in turn notify the victim's supervisor of the incident. If the incident involves Distribution personnel, the Region Safety/Environmental Coordinator will notify the Region Distribution Manager. The Region Safety/ Environmental Manager will also be in contact with the Region Operations Manager and Corporate Safety Department as appropriate.

2.4 Follow-up Reporting

- 2.4.1 All medical incidents will be investigated by the Region Safety/Environmental Coordinator who will be responsible for writing the report. All reporting will be in compliance with Federal and State laws, as well as Corporate policy. Reports will include, but are not limited to, Workmen's Compensation reports, OSHA reports, State OSHA reports, OSHA recordkeeping, internal accident investigations, and internal accident/injury reporting, as required.

2.5 - Record Retention -

- 2.5.1 Copies of all reports of medical incidents will be retained in the Region Safety/Environmental Coordinator's office in compliance with Federal and State law.

2.6 SARA Notification

- 2.6.1 Arrangements have been made with the following Local Emergency Agencies and Hospitals which may be called to respond to a chemical fire, or medical emergency at the Bloomfield facility:

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Bloomfield Police	911 or 632-8011
Bloomfield Fire Department	911 or 632-8011
San Juan Regional Medical Center	599-6100
NM Oil Conservation Commission	805-827-7131

- 2.6.2 All above listed agencies have been provided with a copy of this plan. The Bloomfield fire department is provided, on an annual basis, chemical inventory information as required by Section 312 of the Emergency Planning and Community Right-To-Know Act of 1986. This information is provided by the SHEA Department out of St. Louis, MO.

Appendix I

Emergency Control Procedures

SPILLS

3.0 Spills

3.1 General Considerations

3.1.1 The New Mexico Oil Conservation Division must be notified in the event of a spill involving soil and water (areas beyond the secondary containment areas)

Nothing in this section is intended to countermand anything that is established in the Petrolite Spill Response Guide. All clean-up personnel responding to a major spill of hazardous material(s) must be certified with 24-hour HAZWOPER training. Within the limits of rational immediate response, an on-site person may attempt to contain a spill to the smallest possible area so long as there is no perceived threat to life or health. It is recommended that outside contractors be called to handle major spills within the site.

3.2 Specific Considerations

3.2.1 Whenever a spill emergency exists, the individual present should try to limit the extent of the spill if it can be done safely. This might be accomplished by closing a valve, shutting down a pump, diking, or some similar activity. Help should be solicited from the Facility Manager in order to decide what needs to be done. Regular inspections of chemical storage areas are to be carried out.

3.2.2 Since many of the products stored at the facility contain volatile organic compounds that are both lighter and heavier than air, special precautions shall be taken before responding to spills of these materials. The responder shall first consult the Material Safety Data Sheet to determine the particular hazards of the chemical spilled and to determine the appropriate personal protective equipment that must be worn. This includes the selection of proper chemical resistant clothing and respirator. Any release resulting in an organic vapor emission, either on or off-site, shall be reported in accordance with *Corporate Safety Procedure #23* and the *Petrolite Spill Response Guide*.

Appendix I

Emergency Control Procedures

- 3.2.3 Tanks and liquid transfer systems have been designed to minimize the possibility of spills. However, such design is dependent upon proper use and attention of the operator during filling and emptying operations. Before using any transfer equipment, the operator shall be certain that he is thoroughly familiar with the equipment and that all connections are properly and tightly made. Before filling any container, the operator shall ascertain that there is sufficient void in the container so that the volume of liquid to be added will not cause the container to overflow. Before breaking lines after filling a container, the operator will make certain that all valves are properly closed and that lines are clear to prevent spilling from the disconnected line. Company operators will make up and break transfer lines when delivery is received from, or made to non-company vehicles.
- 3.2.4 Due to the small volume of products stored at the warehouse and its proximity to major water sources, contamination of a waterway is unlikely. In the event that product is spilled and enters drainage ditches surrounding the property, the person observing the spill will take immediate action to contain the flow of material. This shall include construction of earthen dams, stringing of spill booms, construction of an underflow, etc. to stop the flow of material. Once the flow has been stopped, the material shall be absorbed on spill pads or removed using a vacuum truck or portable pump. Contaminated soil will be excavated using a shovel or backhoe to the extent practical. All waste material will be containerized in 55 gallon drums and profiled for disposal.
- 3.3 Spill Response Procedures
- 3.3.1 If there is no immediate danger of the spill reaching or being washed into a waterway and the spill is:
- 3.3.1.1 Less than 100 gallons: The supervisor will have the spill covered with absorbent such as sucker pillows, snake tubes, Uni-sponge mats, as well as commercial granular absorbent. This will be collected for incineration, burial, or disposal in an approved manner.

Appendix I

Emergency Control Procedures

- 3.3.1.2 More than 100 gallons: The supervisor will have as much as possible of the liquid collected into drums or tanks using a portable pump or vacuum truck. Drums and a portable pump are stored at the warehouse. The non-collectable portion will be covered with absorbent such as sucker pillows, snake tubes, Uni-sponge mats, as well as commercial granular absorbent. This will then be collected for incineration, burial, or disposal in an approved manner. As soon as practical, the Facility Manager will notify the appropriate Local, State, and Federal agencies in accordance with the notification procedures in this plan. The Facility Manager will also notify the manager of Distribution and the Corporate Environmental Affairs department.
- 3.3.1.3 Contaminated soil will be excavated using a shovel or backhoe. Shovels are located in the warehouse. Backhoe services will be contracted using HAZWOPER trained contractors. Waste will be profiled and stored for disposal in 55 gallon drums available in the warehouse in accordance with State and Federal regulations.
- 3.3.1.4 In the event of a spill of flammable material, the Facility Manager shall decide whether to notify the fire department. This decision will be based upon the volume of the spill and the potential for ignition.

3.4 Equipment

- 3.4.1 Spill response equipment, including a variety of tools, absorbents, and salvage drums are stored in the warehouse. The locations of emergency equipment, i.e. fire extinguishers, safety shower/eye wash systems, gas and electric shutoffs, etc. are marked and noted on the attached plat.
- 3.4.2 The following emergency response equipment is maintained on-site:

Location	Description
Warehouse	7 - 20 Lb Fire Extinguishers
Tank Farm	1 - 20 Lb Fire Extinguisher
Fork Lifts	1 - 2 Lb Fire Extinguisher
Trucks	10 & 5 Lb Fire Extinguishers

Appendix I

Emergency Control Procedures

3.4.3 Items listed below are to be used in the event a spill would occur on the facility.

- 1 - Bag of assorted wooden pegs.
- 200 Lbs of Absorbent. (in two Salvage drums)
- Sucker Pillows (17" X 17")
- Snake Tubes (48" X 3")
- Bale Uni-Sponge Mat #5310
- Booms (10' X 4")
- 2 - Disposable Suits (Tyvek)
- 2 - Pair Tyvek Gloves
- 3 - Salvage Drums.
- 1 - Shovel (taped on the side of one salvage drum)

3.4.4 The above material is stored inside the Salvage drums, which are located near the loading dock. The facility also has at least 3 to 5 open head drums which should be used to collect contaminated soil. Additional shovels which are used in the daily operation of the facility are available.

3.5 Contaminated Clothing & Equipment

3.5.1 Contaminated clothing and equipment will be cleaned or disposed of in a appropriate manner. Disposable clothing such as Tyvek suits, disposable gloves, etc. will be accumulated in a 55 gallon drum and profiled for disposal in accordance with applicable State and Federal waste disposal laws. Non disposable equipment will be washed with water and surfactant to remove contamination. This operation will occur in the secondary containment areas of the facility. Containment of wash water is possible in this area.

3.5.2 Wash waters from the decontamination of equipment will be collected using a portable pump or vacuum truck and drummed for proper disposal. Any solids generated from the decontamination effort will be combined with other contaminated soil or clothing for proper disposal.

3.6 Notifications

3.6.1 The Facility Manager will make the required notifications following the Emergency Response Numbers listed at the front of this plan, and Chain of Command presented in this document. The SHEA Department should be notified as soon as possible so a determi-

Appendix I

Emergency Control Procedures

EVACUATION

4.0 Evacuation

4.1 General Considerations

- 4.1.1 In the event evacuation is necessary, all persons at the facility will immediately leave by the safest route. All persons will assemble across the road directly opposite the building's front entrance and a head count will be made.

4.2 Specific Considerations

4.2.1 Internal Emergencies

- 4.2.1.1 When conditions become untenable, the Facility Manager or his designee shall activate the air horn or utilize the voice command system signalling a need to evacuate. At the sound of the air horn or a verbal command given over the intercom system, all personnel shall immediately leave the premises and assemble.

4.2.2 External Emergencies and Power Failures:

- 4.2.2.1 During natural disasters, such as flooding, heavy storms, tornados or power failure, it may be necessary to shut down operations of the facility. This decision will be made by the Regional Distribution Manager. Insofar as practical, prior to shutdown, the Facility Manager shall have all equipment and small containers secured to minimize loss. In the event of an electrical power failure, electrical equipment will be turned off or unplugged to avoid danger when power is restored.

4.3 Emergency Alarm

- 4.3.1 The air-driven horn and/or voice command system is to be utilized to warn of the need for facility evacuation.

4.4 Evacuation Route

- 4.4.1 Exit the office or warehouse areas and proceed out the main gate on the south side of the property, and proceed to the designated assembly location.

Appendix I

Emergency Control Procedures

4.5 Assembly Location

4.5.1 Employees should assemble at the north side of #2 Road

4.6 Authorized Personnel

4.6.1 Personnel authorized to take emergency action are:

4.6.1.1 David Birzer

4.6.1.2 Dan Stewart

4.6.1.3 Any on-site personnel

Date of last revision 8/2/96

This revision supersedes all previous copies of the Contingency Plan for the Bloomfield, NM facility. Please discard all other copies.

Appendix I
Emergency Control Procedures

Appendix II
Utility Shut-off

Appendix II Utility Shut-off

UTILITY SHUT-OFFS FOR BLOOMFIELD WAREHOUSE

1.0 WATER SERVICE

- 1.1 There main water shut-off is located near the southeast corner of the property. :

2.0 ELECTRICAL SERVICE

- 2.1 Locations of electrical panels are detailed in the site map, which follows. The MAIN shut-off is located on the outside wall of the northeast corner of the office building. The circuit breaker is located inside the office building in the far northwest corner

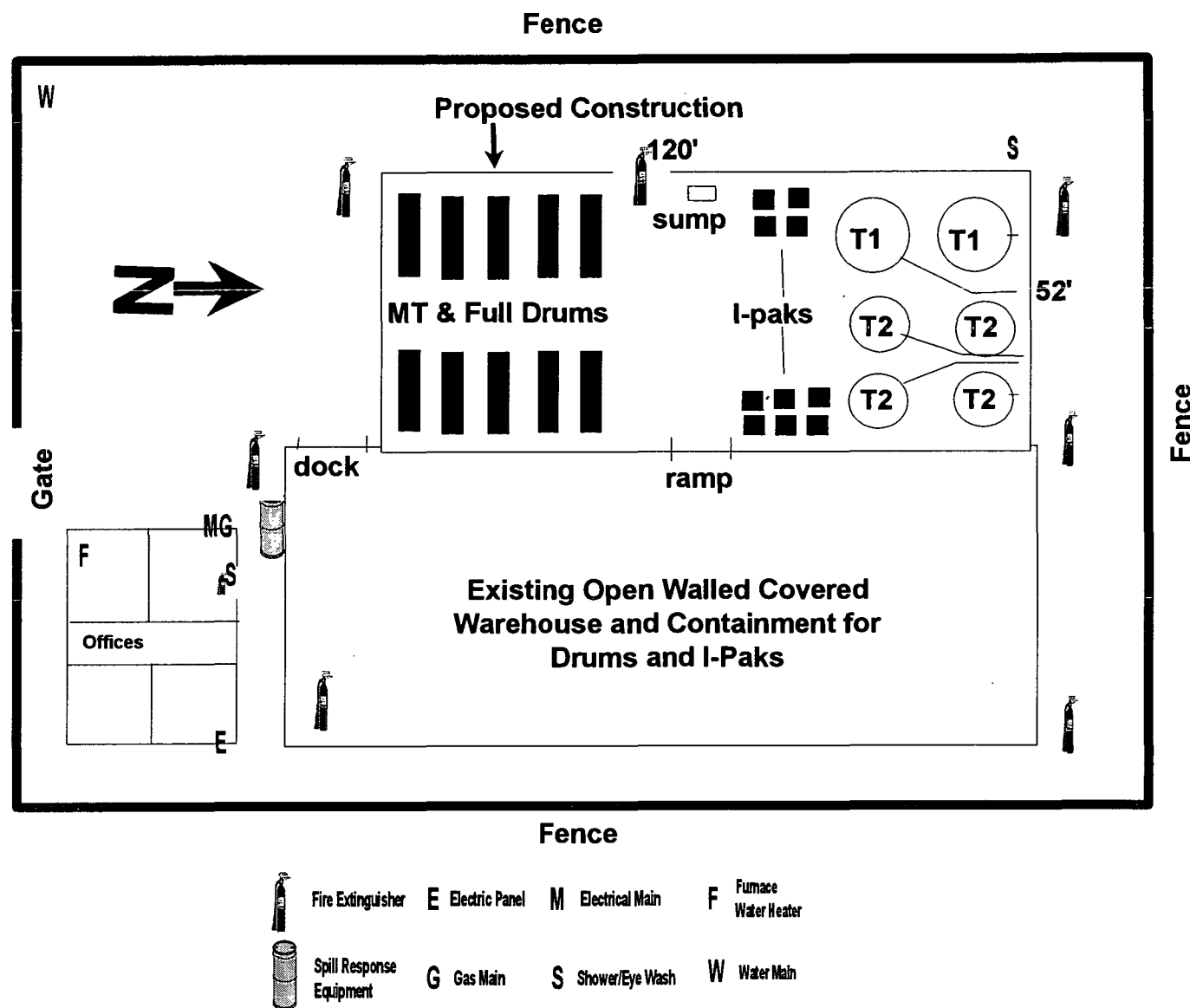
3.0 GAS SERVICE

- 3.1 This facility has a propane tank located on the east side of the office.

Appendix II
Utility Shut-off

SITE MAP

#2 Road



MEMORANDUM OF MEETING OR CONVERSATION

Certified Receipt No. P-594-835-288

☒ Telephone ☐ Personal

Time 8:15 AM

Date 7-26-96

Originating Party

Other Parties

Mr. John Fisketjon
Petro-lite Corporation

Pat Sanchez
NM OCD

Subject Petro-lite Facility GW-135 (Between Aztec
and Bloomfield, New Mexico.)

Discussion

John called to ask about modification process and I let him know it could take about 45 days to approve a modification after the OCD receives the application from Petro-lite. I also told Mr. Fisketjon that we would prefer that they (Petro-lite) propose timely deadlines for implementing the modifications. Also let Mr. Fisketjon know that the WQCC Regulations and Guidelines were updated in December, 1995.

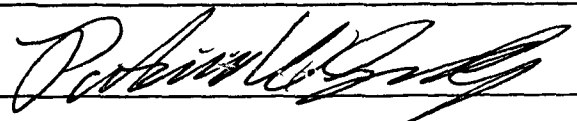
Conclusions or Agreements

Mr. George Cary will submit the Modification for Petro-lite. Pat Sanchez to Mail Mr. Fisketjon OCD's latest WQCC regulations and Guidelines.

Distribution

File, Denny Faust,
Mr. John Fisketjon.

Signed



P 594 835-288

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided. *GW-135*

Do not use for International Mail (See reverse)

Sent to	
<i>Petrolite Corp. John Fiskel</i>	
Street & Number	
<i>P.O. Box 131</i>	
Post Office, State, & ZIP Code	
<i>Warland, WY 82401</i>	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, April 1995

Petrolite GW-135

Pat Sanchez

To: George Cary

Dated July 16, 1996

RECEIVED

From: David Birzer

JUL 25 1996

Subject: Addition to the B/F Warehouse

Environmental Bureau
Oil Conservation Division

Dear George,

With the planed add on to the Bloomfield we will need to do a attachment sheet to the Discharge Plan GW-135 dated March 15, 1993. In talking with the New Mexico Energy, Minerals and Natural Resources Department there were just few thing that we needed to do to get them to approve the add on.

Modifications

- A. New Sump: Double wall containment system, and what we will do with the waste water form it. (Use it up as flush water in treatments)
- B. Contaminated dirt: That from time to time we might store a drum or two of it, till we can dispose of it in a proper manner.
- C. A Plan: They just need a hand drawn sketch of what we are planing to add on. (see page two)

The person in Santa Fe that we need to deal with is Chris Eustus and his phone number is (505) 827-7153. I have talked to him once and to there local person located here in Aztec who is Denny Foust at (505) 334-6178. Both of them are real easy to talk to. They both said that we don't need any vast containment plans or construction just a simple drawing and a concrete containment that will hold up to 133% of the largest vessel in the containment. Chris said that once he receives our paper work it will take him about three weeks to even get to it. But he will write us a temporary permit to go ahead a start on the addition any time we want, as long as he has the paper work on his desk.

If there are any questions on this give me a call at (505) 632-1000

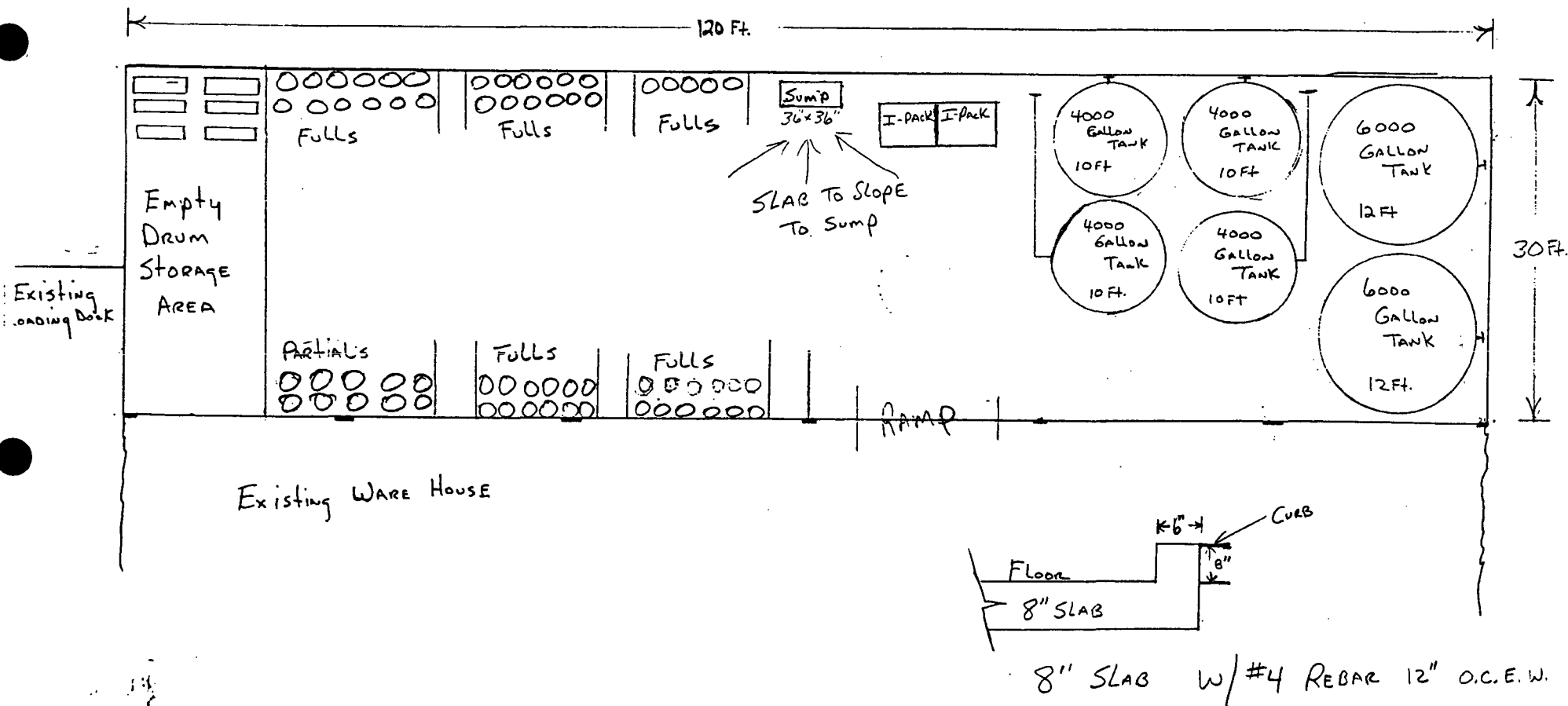
Thanks,
David Birzer
Farmington Sales

cc: Jim Burtner
Rick Schroeder

RECEIVED
JUL 24 1996

OIL CON. DIV.
DIST. 3

Top View B/F Addition
Planned Layout



06/13/95

06:41

TRETOLITE CHEM EVANSTON WY

mark Hshley
NO. 300 / 002

P.2

JUN 09 '95 11:00 OGD AZ NM

+ OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980DISTRICT II
P.O. Box 1980, Hobbs, NM 88241-1980DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088SUBMIT 2 COPIES TO
APPROPRIATE DISTRICT
OFFICE IN ACCORDANCE
WITH RULE 116 PRINTED
ON BACK SIDE OF FORM

NOTIFICATION OF FIRE, BREAKS, SPILLS, LEAKS, AND BLOWOUTS

OPERATOR <i>David H. Louton</i>				ADDRESS <i>Box 2563 Farm, N.M.</i>				TELEPHONE # <i>632-1935</i>	
REPORT OF	FIRE	BREAK	SPILL <input checked="" type="checkbox"/>	LEAK	BLOWOUT	OTHER*			
TYPE OF FACILITY	DRUG WELL	PROD WELL	TANK BTRY	PIPE LINE	GASO PLNT	OIL RPY	OTHER* <i>Chemical Storage</i>		
FACILITY NAME <i>Petrolite</i>									
LOCATION OF FACILITY <i>#2 C.O. Rd 5046 Bloomfield, NM</i>									
DISTANCE AND DIRECTION FROM NEAREST TOWN OR PROMINENT LANDMARK <i>3 mi N of Bloomfield west side of hwy 44</i>									
DATE AND HOUR OF OCCURRENCE <i>8-16-94 6:00 AM</i>					DATE AND HOUR OF DISCOVERY <i>8-16-94 6:30 AM</i>				
WAS IMMEDIATE NOTICE GIVEN? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NOT REQUIRED					IF YES, TO WHOM <i>To Don Diakel (supervisor)</i>				
BY WHOM <i>David Louton</i>					DATE AND HOUR <i>8-16-95 6:35 AM</i>				
TYPE OF FLUID LOST <i>Conoco Elmer 3000 Engine Oil</i>					QUANTITY OF LOSS <i>120-150 gal</i>				
DID ANY FLUIDS REACH A WATERCOURSE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> QUANTITY					VOLUME RECOVERED <i>0</i>				
IF YES, DESCRIBE FULLY**									
<div style="text-align: right;"> RECEIVED JUN 13 1995 OIL CON. DIV. DIST. 2 </div>									
DESCRIBE CAUSE OF PROBLEM AND REMEDIAL ACTION TAKEN** <i>The valve had been opened by a dog running loose in yard. Immediately closed valve & removed handle to prevent opening, also installed plug in opening.</i>									
DESCRIBE AREA AFFECTED AND CLEANUP ACTION TAKEN** <i>approx. 20-25' wide x 30-35' long area inside storage yard soil soaked up all of the oil so I could not recover any liquid. The area has not been cleaned up yet. waiting instruction from safety to follow their recommended procedures.</i>									
DESCRIPTION OF AREA	FARMING	GRAZING	URBAN	OTHER* <i>inside storage yard</i>					
SURFACE CONDITIONS	SANDY	SANDY LOAM <input checked="" type="checkbox"/>	CLAY	ROCKY	WET	DRY <input checked="" type="checkbox"/>	SNOW		
DESCRIBE GENERAL CONDITIONS PREVAILING (TEMPERATURE, PRECIPITATION, ETC.)** <i>70° to 75° temp 0' wind NO precipitation</i>									
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF									
SIGNED <i>David H. Louton</i>				PRINTED NAME <i>David H. Louton</i> AND TITLE <i>Warehouse Manager</i>				DATE <i>6-13-95</i>	

*SPECIFY

**ATTACH ADDITIONAL SHEETS IF NECESSARY

SF/6/23/95

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 3/26/93,
or cash received on 4/5/93 in the amount of \$ 30

from Petrolite Corporation

for Petrolite Service Company

GW-135

Submitted by: _____

Date: _____

Submitted to ASD by: Kathy Brown

Date: 4/5/93

Received in ASD by: Chad M. White

Date: 4/5/93

Filing Fee _____

New Facility _____

Renewal _____

Modification _____

other ^{\$} 30 balance from new DP paid \$1400

(specify)

Organization Code 521.07

Applicable FY 93

To be deposited in the Water Quality Management Fund.

Full Payment _____

or Annual Increment _____

PETROLITE

PETROLITE CORPORATION
369 MARSHALL AVENUE
ST. LOUIS MO 63119

BOATMEN'S BANK OF TROY

80-1803

819

CHECK NO. [REDACTED]

DATE

3/26/93

AMOUNT

\$30.00*

PAY

THIRTY AND 00/100-----

TO THE ORDER OF

NMED-WATER QUALITY MGMTAGUE
STATES OF NM-OIL CONSER. DIV.
P.O. BOX 2088-STATE OFFICE BLD
SANTA FE NM 87504

17171

VOID AFTER
SIX MONTHS

[Signature]
NA Brumby

PETROLITE

OIL CONSERVATION DIVISION
RECEIVED

Petrolite Corporation

1993 APR 2 AM 8 45

369 Marshall Avenue • St. Louis, Missouri 63119-1897
314 961-3500 • Fax: 314 968-6219

March 22, 1993

NMED - Water Quality Management
Oil Conservation Division P. O. Box 2088
State Land Office Building
Santa Fe, NM 87504

**RE: Discharge Plan GW-135 Approval
Petrolite Farmington Service Facility
San Juan County, New Mexico**

Dear Sirs:

Enclosed, please find a check for thirty (30) dollars for the outstanding portion of Petrolite's filling fee for the above location. At the request of Denny Faust, New Mexico Oil Conservation Division please be advised that the Farmington Facility operates under the name Tretolite. Tretolite is a wholly owned division of Petrolite Corporation.

Sincerely,



George A Cary
Manager - Regional SHEA Operations

/sb
Enclosure

NMED.ltr



RECEIVED DIVISION

RECEIVED

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

FE-10 AM 8 59

February 8, 1993

Permit #GW93006

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

Dear Mr. Lemay:

This responds to the notice of publication received by the U.S. Fish and Wildlife Service (Service) on February 4, 1993, regarding the Oil Conservation Division (OCD) discharge permits GW-115, GW-131, and GW-44, on fish, shellfish, and wildlife resources in New Mexico.

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

GW-115 Halliburton Services, Artesia Service Facility located in Section 28, T17S, R26E, NMPM, Eddy County, New Mexico. Approximately 1,300 gallons per day of waste water is collected in the truck washrack and floor sump and discharged to the City of Artesia Sewage Treatment System.

GW-131 Petrolite Corporation, Farmington Service Facility to be located in Section 3, T29N, R11W, NMPM, San Juan County, New Mexico. No discharge is planned for this new facility to be built, but a spill and leak prevention plan was submitted.

GW-44 GPM Gas Corporation, Hobbs Booster Station located in the NW/4 of Section 4, T19S, R38E, NMPM, Lea County, New Mexico. Approximately 386 barrels per day of process waste water is disposed in the City of Hobbs sewer system and waste water from the treater operations disposed of in an OCD approved Class II disposal well.

Mr. William J. Lemay

2

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

Sincerely,

A handwritten signature in black ink, appearing to read "Jennifer Fowler-Propst", written over a circular stamp or seal.

Jennifer Fowler-Propst
Field Supervisor

cc:

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

Affidavit of Publication

STATE OF NEW MEXICO)
) ss.
COUNTY OF LEA)

Joyce Clemens being first duly sworn on oath deposes and says that he is Adv. Director of THE LOVINGTON DAILY LEADER, a daily newspaper of general paid circulation published in the English language at Lovington, Lea County, New Mexico; that said newspaper has been so published in such county continuously and uninterruptedly for a period in excess of Twenty-six (26) consecutive weeks next prior to the first publication of the notice hereto attached as hereinafter shown; and that said newspaper is in all things duly qualified to publish legal notices within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico.

That the notice which is hereto attached, entitled

Notice Of Publication

and was published in the issue of

February 9, 1993, was published in a regular and entire issue of THE LOVINGTON DAILY LEADER and not in any supplement thereof, for one (1) day

beginning with the issue of February 9, 1993

and ending with the issue of February 9, 1993

And that the cost of publishing said notice is the sum of \$ 40.50

which sum has been (Paid) (Amount) as Court Costs

Joyce Clemens
Subscribed and sworn to before me this 10th

day of February, 1993

Mrs. Jean Series
Notary Public, Lea County, New Mexico

My Commission Expires Sept. 28, 1994

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

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

(GW-115) - Halliburton Services, Matt D. Ratliff, 1015 Bois D'Arc, P.O. Drawer 1431, Duncan, Oklahoma, 73536-0100, has submitted a discharge plan application for their Artesia Service Facility located in Section 28, Township 17 South, Range 26 East, NMPM, Eddy County, New Mexico. Approximately 1300 gallons per day of waste water is collected in the truck washrack and floor sump and discharged into the City of Artesia Sewage Treatment System (POTW). Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 25 feet with a total dissolved solids concentration ranging from 1200 mg/l to 3500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-131) Petrolite Corporation, E.E. Schooling, 369 Marshall Avenue, St. Louis, Missouri, 63119-1897, has submitted a discharge plan application for their Farmington Service Facility located in Section 3, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. There are no planned discharges at the facility. Groundwater most likely to be affected by an accidental discharge is at a depth in excess of 180 feet with a total dissolved solids concentration ranging from 2000 mg/l to 4000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-44) GPM Gas Corporation, Scott Seeby, Environmental Analyst, 4044 Penbrook, Odessa, Texas

79762, has submitted a discharge plan renewal application for their Hobbs Booster Station which is located in the NW/4 of Section 4, Township 19 South, Range 38 East, NMPM, Lea County, New Mexico. Approximately 386 barrels per day of process waste water is disposed of in the City of Hobbs sewer system. Waste water from the treater operations will be disposed of in an OCD approved Class II disposal well. Groundwater most likely to be impacted is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 500 mg/l.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 5:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Requests for public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 29th day of January, 1993.

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

Published in the Lovington Daily Leader February 9, 1993.

AFFIDAVIT OF PUBLICATION

No. 31237

STATE OF NEW MEXICO,
County of San Juan:

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

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

First Publication WEDNESDAY, FEBRUARY 10, 1993

Second Publication _____

Third Publication _____

Fourth Publication _____

and the cost of publication was \$ 55.64

Subscribed and sworn to before me this 16th day of FEBRUARY, 1993.

Gunny Beck
Notary Public, San Juan County,
New Mexico

My Comm expires: April 2, 1996

COPY OF PUBLICATI

NOTICE OF PUBLICATION

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 29th day of January, 1993.

SEAL

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

Legal No. 31237 published in the Farmington Daily Times, Farmington, New Mexico on Wednesday, February 10, 1993.

Affidavit of Publication

No. 14210

STATE OF NEW MEXICO,

County of Eddy:

Gary D. Scott being duly sworn, says: That he is the Publisher of The Artesia Daily Press, a daily newspaper of general circulation, published in English at Artesia, said county and state, and that the hereto attached Legal Notice

was published in a regular and entire issue of the said Artesia Daily Press, a daily newspaper duly qualified for that purpose within the meaning of Chapter 167 of the 1937 Session Laws of the state of New Mexico for 1 consecutive weeks on the same day as follows:

First Publication February 10, 1993

Second Publication _____

Third Publication _____

Fourth Publication _____

Gary D. Scott
Subscribed and sworn to before me this 15th day of February 19 93

Barbara Ann Beana
Notary Public, Eddy County, New Mexico

My Commission expires September 23, 1996

Copy of Public

LEGAL NOTICE

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

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

(GW-115) Haliburton Services, Mark D. Radloff, 1015 Bois D'Arc, P.O. Drawer 1431, Duncan, Oklahoma, 73536-0100, has submitted a discharge plan application for their Artesia Service Facility located in Section 28, Township 17 South, Range 26 East, NMPM, Eddy County, New Mexico. Approximately 1300 gallons per day of waste water is collected in the truck wash-rack and floor sump and discharged into the City of Artesia Sewage Treatment System (POTW). Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 25 feet with a total dissolved solids concentration ranging from 1200 mg/l to 3500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-131) Petrolite Corporation, E.E. Schooling, 369 Marshall Avenue, St. Louis, Missouri, 63119-1897, has submitted a discharge plan application for their Farmington Service Facility located in Section 3, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. There are no planned discharges at the facility. Groundwa-

ter most likely to be affected by an accidental discharge at a depth in excess of 25 feet with a total dissolved solids concentration ranging from 2000 mg/l to 40 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed (GW-44) GPM Gas Corporation, Scott Seeby, Environmental Analyst, 40 Penbrook, Odessa, Texas 79762, has submitted a discharge plan renewal application for their Hobbs Boos Station which is located in the NW/4 of Section 4, Township 19 South, Range 38 East, NMPM, Lea County, New Mexico. Approximately 30 barrels per day of process waste water is disposed of the City of Hobbs sewer system. Waste water from the treater operations will be disposed of in an OCD approved Class II disposal well. Groundwater most likely to be impacted is at a depth of approximately 50 feet with a total dissolved solids concentration approximately 500 mg/l.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 5:00 p.m., Monday through Friday. Prior to ruling on an proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Requests for public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 29th day of January, 1993.

STATE OF NEW MEXICO
OIL CONSERVATION
DIVISION

William J. LeMay
WILLIAM J. LEMAY,
Director

SEAL
Published in the Artesia Daily Press, Artesia, N.M. February 10, 1993.

Legal 14210

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

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan applications have been submitted to the Director of the Oil Conservation Division, State Land Office Building, P.O. Box 2068, Santa Fe, New Mexico 87504-2068, Telephone (505) 827-5600:
(GW-115) - Halliburton Services, Matt D. Ratliff, 1015 Bois D'Arc, P.O. Drawer 1431, Duncan, Oklahoma 73536-0100, has submitted a discharge plan application for their Artesia Service Facility located in Section 28, Township 17 South, Range 28 East, NMPM, Eddy County, New Mexico. Approximately 1300 gallons per day of waste water is collected in their truck washrack and floor sump and discharged into the City of Artesia Sewage Treatment System (POTW). Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 25 feet with a total dissolved solids concentration ranging from 1200 mg/l to 3500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-131) Petrolite Corporation, E.E. Schooling, 369 Marshall Avenue, St. Louis, Missouri, 63119-1897, has submitted a discharge plan application for their Farmington Service Facility located in Section 3, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. There are no planned discharges at the facility. Groundwater most likely to be affected by an accidental discharge is at a depth in excess of 180 feet with a total dissolved solids concentration ranging from 2000 mg/l to 4000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-44) GPM Gas Corporation, Scott Seaby, Environmental Analyst, 4044 Penbrook, Odessa, Texas 79762, has submitted a discharge plan renewal application for their Hobbs Boster Station which is located in the NE/4 of Section 4, Township 19 South, Range 36 East, NMPM, Lea County, New Mexico. Approximately 366 barrels per day of process waste water is disposed of in the City of Hobbs sewer system. Waste water from the treter operations will be disposed of in an OCD approved Class II disposal well. Groundwater most likely to be impacted is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 500 ng/l.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 5:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Requests for public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 29th day of January, 1993.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
WILLIAM J. LEMAY, Director
Journal: February 10, 1993

STATE OF NEW MEXICO

County of Bernalillo

SS

OIL CONSERVATION DIVISION
RECEIVED

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

for.....times, the first publication being on the.....day

of February....., 1993, and the subsequent consecutive

publications on....., 1993.

Dianne Berglund

Sworn and subscribed to before me, a Notary Public in and for the County of Bernalillo and State of New Mexico, this 16 day of Feb....., 1993.

PRICE.....833 71

Statement to come at end of month.

CLA-22-A (R-1/93)

ACCOUNT NUMBER.....C 81184

12-18-93

OFFICIAL SEAL
Bernadette

NOTICE OF PUBLICATION

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

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

(GW-115) - Halliburton Services, Matt D. Ratliff, 1015 Bois D'Arc, P.O. Drawer 1431, Duncan, Oklahoma, 73536-0100, has submitted a discharge plan application for their Artesia Service Facility located in Section 28, Township 17 South, Range 26 East, NMPM, Eddy County, New Mexico. Approximately 1300 gallons per day of waste water is collected in the truck washrack and floor sump and discharged into the City of Artesia Sewage Treatment System (POTW). Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 25 feet with a total dissolved solids concentration ranging from 1200 mg/l to 3500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-131) Petrolite Corporation, E.E. Schooling, 369 Marshall Avenue, St. Louis, Missouri, 63119-1897, has submitted a discharge plan application for their Farmington Service Facility located in Section 3, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. There are no planned discharges at the facility. Groundwater most likely to be affected by an accidental discharge is at a depth in excess of 180 feet with a total dissolved solids concentration ranging from 2000 mg/l to 4000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

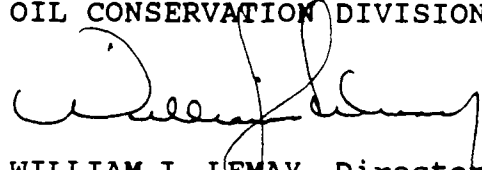
(GW-44) GPM Gas Corporation, Scott Seeby, Environmental Analyst, 4044 Penbrook, Odessa, Texas 79762, has submitted a discharge plan renewal application for their Hobbs Booster Station which is located in the NW/4 of Section 4, Township 19 South, Range 38 East, NMPM, Lea County, New Mexico. Approximately 386 barrels per day of process waste water is disposed of in the City of Hobbs sewer system. Waste water from the treater operations will be disposed of in an OCD approved Class II disposal well. Groundwater most likely to be impacted is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 500 mg/l.

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 29th day of January, 1993.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


WILLIAM J. LEMAY, Director

S E A L

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 1/6/93

or cash received on 1/25/93 in the amount of \$ 1400.00

from Petrolite Corporation

for Petrolite Farmington Service Facility GW-135

(Facility Name)

(DP No.)

Submitted by: _____ Date: _____

Submitted to ASD by: Kathy Brown Date: 1/25/93

Received in ASD by: Arthur C. Montoya Date: 1/25/93

Filing Fee ☒ New Facility ☒ Renewal _____

Modification _____ Other _____

(specify)

Organization Code 521.07 Applicable FY 93

To be deposited in the Water Quality Management Fund.

Full Payment ☒ or Annual Increment _____

1380 flat fee
50 filing fee
\$1430 total fee

\$1400 paid
\$30 balance

PETROLITE

369 Marshall Ave.
Saint Louis, Missouri 63119

January 6, 1993

No. [REDACTED]

80-289

815

\$1,400.00

PAY

The sum of \$1400 and 00 Cts

PETROLITE CORPORATION

TO THE
ORDER
OF

State of New Mexico
Energy, Minerals and Nat. Res. Dept.
OIL CONSERVATION DIVISION
P.O. Box 2088

to BOATMEN'S®
BANK OF ROLLA, MO
Santa Fe, NM 87501

William E. [Signature]
J. M. Ziemer

AUTHORIZED SIGNATURES

PETROLITE

Petrolite Corporation

369 Marshall Avenue • St. Louis, Missouri 63119-1897
314 961-3500 • Fax: 314 968-6219

January 6, 1993

Kathy Brown, Geologist
Oil Conservation Division
Environmental Bureau
Land Office Building
P.O. Box 2088
Santa Fe, NM 87504-2088

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RECEIVED

JAN 13 1993

OIL CONSERVATION DIV.
SANTA FE

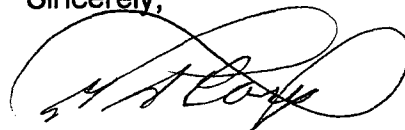
Re: Petrolite Corporation
Discharge Plan Application
for Oilfield Service Facility

Dear Ms Brown:

Enclosed please find an original and one copy of Petrolite's Discharge Plan Application for Oilfield Service Facilities. A check in the amount of \$1,400.00 is also enclosed to cover the cost of the permit. Only one set of Material Safety Data Sheets has been provided. Petrolite requests the State of New Mexico to provide available geological and hydrological data for the warehouse site.

Should you have any questions concerning the application, please contact Mr. Dan Marquardt at (314)961-3500 ext. 6570.

Sincerely,



George A. Cary
Manager, Environmental Affairs

GAC/sb
Enclosure

- ESTIMATED STORAGE VOLUMES, FLASH POINTS, UFC CLASS AND PILE SIZE

- TYPICAL STORAGE LAYOUT BASED ON UFC CLASSES
- DISCHARGE PLAN APPLICATION: Part VI Form

VII. Description of present sources of effluent and waste solids. Average quality and daily volume of waste water.

NOT APPLICABLE

VIII. Description of current liquid and solid waste collection/treatment/disposal procedures.

NOT APPLICABLE

IX. Description of proposed modifications to existing collection/treatment/disposal systems.

NOT APPLICABLE

X. Routine inspection and maintenance plan to ensure permit compliance.

APPENDIX D - EMERGENCY PREPAREDNESS, PREVENTION AND
CONTINGENCY PLAN - Bloomfield, New Mexico Warehouse

XI. Contingency plan for reporting and clean-up of spills or releases.

APPENDIX D - EMERGENCY PREPAREDNESS, PREVENTION AND
CONTINGENCY PLAN - Bloomfield, New Mexico Warehouse

XII. Geological/hydrological evidence demonstrating that disposal of oil field wastes will not adversely impact fresh water. Depth to and quality of ground water.

NOT APPLICABLE

XIII. Other information as necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.

NOT APPLICABLE

XIV. CERTIFICATION

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

Name: E. E. Schooling

Title: Vice President, Manufacturing and
Distribution

Signature: 

Date: Jan. 8 1993

Appendix A

Appendix A
Legal Description of Proposed Site for
Bloomfield, NM Warehouse
Petrolite Corporation

A tract of land being a portion of the south 330.00 feet of the Northwest Quarter of Section 3, T29N R11W, N.M.P.M., San Juan County, New Mexico being more particularly described as follows:

BEGINNING at a point on the South line of the South 330.00 feet of the Northwest Quarter of Section 3 from whence the Southwest Corner of said Section 3 bears S88° %D55'12" W 2352.52 feet and 800° % D10'00"W 2640.76 feet;

Thence: N00° %D42'28"E for a distance of 330.16 feet to a point on the north line of the south 330.00 feet of the NW1/4 of said Section 3 as described in Book 1122, Page 598;

Thence: N88° %D56'18"E for a distance of 264.01 feet to a point on the westerly right-of-way of State Highway 44;

Thence: S00° %D42'28"W for a distance of 330.16 feet along said right-of-way;

Thence: S88° %D55'12"W for a distance of 264.01 feet along the south line of the south 330.00 feet of the NW1/4 of said Section 3 to the point of beginning containing 2.0 acres more or less.

RESERVING to Owner herein, their heirs and/or assigns, an easement for utility and access over the South 30 feet of subject property, and the right to extend a water line across subject property, as noted in Book 1122; Page 598.

Appendix B

Appendix C

Petrolite Corporation
Farmington, New Mexico
Distribution Site
Proposed Materials and Uses of Stored Products

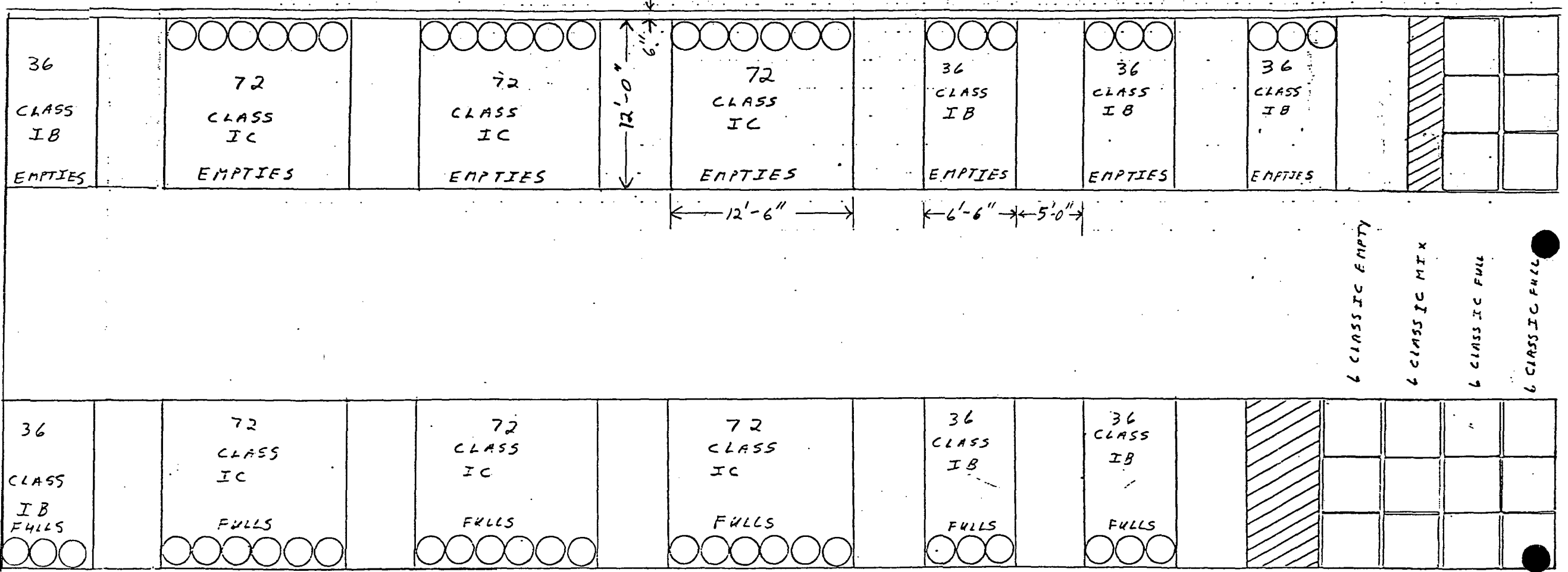
Old Product Number	New Product Number	Product Use
KG-46	Obsolete	Corrosion Inhibitor, Gas, Oil Soluble
KG-49	CGO0049F	Corrosion Inhibitor, Gas, Oil Soluble
KG-50	Obsolete	Corrosion Inhibitor, Gas, Oil Soluble
KG-50E	CGO0050F	Corrosion Inhibitor, Gas, Oil Soluble
KG-55	CGO0055L	Corrosion Inhibitor, Gas, Oil Soluble
KG-99	CGO0099F	Corrosion Inhibitor, Gas, Oil Soluble
KG-118	CGO0118F	Corrosion Inhibitor, Gas, Oil Soluble
K-147	CRO0147G	Corrosion Inhibitor, Gas, Oil Soluble
HK-7470	HK-7470	Corrosion Inhibitor, Oil Soluble
KW-10	CRW0010A	Corrosion Inhibitor, Water Soluble
KW-37	CRW0037L	Corrosion Inhibitor, Water Soluble
CRW-5495E	CRW-5494E	Corrosion Inhibitor, Water Soluble
F-46	DMO0046F	Demulsifier, Oil Soluble
J-196	Obsolete	Demulsifier, Oil Soluble
RP-101	DMO0101K	Demulsifier, Oil Soluble
F-146	DMO0146F	Demulsifier, Oil Soluble
RP-260	DMO0260K	Demulsifier, Oil Soluble
RP-295	DMO0295G	Demulsifier, Oil Soluble
TF-25	FMW0025G	Foamer, Water Soluble
SX-300	HSW0300F	H2S Scavenger, Water Soluble
SX-310	HSW0310D	H2S Scavenger, Water Soluble
K-494	OSW0494C	Oxygen Scavenger, Water Soluble
WF-273	OSW0520C	Oxygen Scavenger, Water Soluble

Petrolite Corporation
Farmington, New Mexico
Distribution Site
Proposed Materials and Uses of Stored Products

Old Product Number	New Product Number	Product Use
CF-34	PAO0034K	Paraffin Inhibitor, Oil Soluble
PD-100	PAO0100F	Paraffin Inhibitor, Oil Soluble
PD-103	PAO0103F	Paraffin Inhibitor, Oil Soluble
PD-108	PAO0108F	Paraffin Inhibitor, Oil Soluble
J-255	RBW0255C	Reverse Breaker, Water Soluble
SP-181	SCW0181K	Scale Inhibitor, Water Soluble
SP-237	SCW0237H	Scale Inhibitor, Water Soluble
SP-260W	SCW0260H	Scale Inhibitor, Water Soluble
SP-319	SCW0319G	Scale Inhibitor, Water Soluble
WF-9S	WAW0237C	Wetting Agent, Water Soluble
WF-277	WAW0277F	Wetting Agent, Water Soluble
WF-272	WAW9000I	Wetting Agent, Water Soluble
CF-23	WCO0023L	Waterflood/Combination, Oil Soluble
WF-161W	WCW0161G	Waterflood/Combination, Water Soluble
XC-307	XC-307	Industrial Biocide
XC-320	XC-320	Industrial Biocide
XC-370	XC-370	Industrial Biocide

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	Petrolite Corporation. Estimated Storage Volumes, Flash Points, UFC Classes and Pile Size														
2	Old	New	1991 Volume Gall	1991	1992	45 Days	MIN	MAX	# 345	# 549	Flash	UFC	Component Solvents	Pile Size	Pile Volume
3	Product	Product		Volume	Volume	Stock	Stock	Stock	Tanks	Tanks	PT. F	Class		Drums	Sub
4	Number	Number		Drums	Drums										
5															
6	PD-108	PA00108F	505	9	48	6	6	12			84	IB		40	
7	PD-103	PA00103F	12,145	221	140	18	14	20	1	0	43	IB	Toluene & VM&P Naphtha	40	4,400
8	PD-100	PA00100F	2,200	40	120	15	14	20	1	0	44	IB	Toluene & VM&P Naphtha	40	4,400
9	K-147	CR00147G	1,367	25	25	3	4	8			89	IB	Isopropanol & Methanol	40	
10	KG-89	CG00089F	14	0	0	0	0	0			62	IB	Isopropanol	40	
11	KG-60E	CG00060F	2,365	43	75	9	6	10			62	IB	Isopropanol	40	
12	KG-50	Obsolete	3,363	61	0	0	0	0			62	IB	Methanol	40	
13	KG-48	CG00048F	1,763	32	62	8	8	12			63	IB	Methanol	40	
14	KG-46	Obsolete	2,090	38	0	0	0	0			56	IB	Isopropanol & Methanol	40	
15	HK-7470	HK-7470	55	1	24	3	4	0			72	IB	Isopropanol & Methanol	40	
16	CRW-5495E	CRW-5494E	3,950	70	110	14	8	12	2	1	66	IB		80	4,400
17	XC-370	XC-370	3,595	65	90	11	8	12			78	IC		80	
18	XC-320	XC-320	715	13	13	2	0	0			78	IC		80	
19	XC-307	XC-307	2,475	45	45	6	8	12			90	IC		80	
20	WF-277	WAW0277F	110	2	2	1	1	2			86	IC		80	
21	WF-161W	WCW0161G	880	16	20	3	4	12			93	IC		80	
22	TF-25	FMW0025G	55	1	10	1	4	6			95	IC		80	
23	SX-310	HSW0310D	55	1	20	3	2	4			76	IC		80	
24	SX-300	HSW0300F	110	2	0	0	0	0			85	IC		80	
25	SP-260W	SCW0260H	3,950	70	70	9	8	12			95	IC		80	
26	SP-237	SCW0237H	1,307	24	24	3	3	4			91	IC		80	
27	RP-295	DMO0295G	1,320	24	24	3	4	6			86	IC		80	
28	KW-10	CRW0010A	860	12	12	2	4	6			80	IC		80	
29	KG-118	CG00118F	51,185	931	1,300	163	50	80	13	8	80	IC		80	8,800
30	F-48	DMO0048F	175	3	6	1	5	8			86	IC		80	
31	F-146	DMO0146F	550	10	10	1	3	4			91	IC		80	
32	SP-319	SCW0319G	110	2	48	6	2	6			104	II		160	
33	SP-181	SCW0181K	55	1	0	0	0	0			102	II		160	
34	RP-260	DMO0260K	330	6	12	2	5	10			104	II		160	
35	RP-101	DMO0101K	55	1	0	0	0	0			108	II		160	
36	KW-37	CRW0037L	1,285	23	23	3	4	6			103	II		160	
37	KG-55	CG00055L	110	2	12	2	2	4			104	II		160	
38	CF-34	PA00034K	825	15	30	4	5	8			115	II		160	
39	CF-23	WC00023L	1,547	28	0	0	0	0			115	II		160	
40	WF-272	WAW0272C	110	2	10	1	2	4			145	IIIA		400	
41	WF-95	WAW0297C	21	0	0	4	4	12			>200	IIIB		400	
42	WF-273	OSW0520C	330	6	10	1	2	4			>200	IIIB		400	
43	K-520	OSW0520C	1,925	35	0	0	0	0			>200	IIIB		400	
44	K-494	OSW0494C	275	5	40	5	6	10			>200	IIIB		400	
45	J-255	RBW0255C	110	2	2	1	2	3			>200	IIIB		400	
46	J-196	Obsolete	55	1	1	1	1	2			>200	IIIB		400	
47	=====														
48	Total		103,882	1,888	2,438	315	203	331							

← N —



TYPICAL STORAGE LAYOUT BASED ON UFC CLASSES
Bloomfield, NM Warehouse

Petrolite Corporation
Discharge Plan Application
Part VI. Form
Materials Stored or Used at Facility

Name	General Makeup or Specific Brand Name	Solids (S) or Liquids (L)?	Type of Container (tank #345, tank #549, drum, etc.)	Estimated Volume Stored (gallons)	Location (yard, shop, drum storage, etc.)
1. Drilling Fluids	None				
2. Brines	None				
3. Acids/Caustics	None				
4. Detergents/ Soaps	None				
5. Solvents and Degreasers	None				
6. Paraffin Treat- ment/Emulsion Breakers	J-196	L	Drum	110	Drum Storage
	PAO0034K	L	Drum	440	Drum Storage
	PAO0100F	L	Drum, Tank #345	1100	Drum Storage
	PAO0103F	L	Drum	1100	Drum Storage
	PAO0108F	L	Drum	660	Drum Storage
7. Biocides	XC-307	L	Drum	660	Drum Storage
	XC-320	L	Drum	0	Drum Storage
	XC-370	L	Drum	660	Drum Storage
8. Others	None				

Appendix D

**EMERGENCY
PREPAREDNESS, PREVENTION AND CONTINGENCY PLAN**

**PETROLITE CORPORATION
Bloomfield Warehouse
Bloomfield, New Mexico**

January 1993

**EMERGENCY
PREPAREDNESS, PREVENTION AND CONTINGENCY PLAN
Petrolite Corporation
Bloomfield, NM Warehouse
EMERGENCY TELEPHONE NUMBERS**

Bloomfield Fire Department	911 Emergency 632-8011
Bloomfield Police Department	911 Emergency 632-8011
National Response Center	1/800-424-8802
Hospital - Emergency Center San Juan Regional Medical Center	599-6100
Petrolite Emergency Information (CHEMTREC)	1/800-424-9300
District Manager (Emergency Coordinator) (Danial R. Dinkel)	505/325-2533(work) 505/326-4916(home)
Petrolite Safety Information (Mon thru Fri - 8:00 A.M. - 5: P.M.) (Evenings and Weekends)	1/314-968-6041 1/314-961-3500
Official Spokesperson/media representative (Edwin E. Schooling) VP, Manufacturing & Distribution	1-314/968-6238(work) 1-314/532-8055(home)
Regional Distribution Manager (Robert L. Parsons)	1-713/923-5566(work) 1-713/360-1255(home)
Regional Safety, Health & Environmental Affairs Representative (Tim N. Williams)	1-915/682-4301(work) 1-915/689-6840(home) 1-800/443-7243, code 024459 (pager)
Petrolite Environmental Affairs (George A. Cary)	1/314-968-6068(work) 1/314-458-0982(home) 1-800-443-7243, code 008678 (pager)
Petrolite Safety Manager (James R. Pace)	1/314-968-6236(work) 1/618-939-7184(home) 1/800-443-7243, code 008679 (pager)

**EMERGENCY
PREPAREDNESS, PREVENTION AND CONTINGENCY PLAN**

**PETROLITE CORPORATION
Bloomfield Warehouse
Bloomfield, New Mexico**

Description

The Petrolite Bloomfield Warehouse will be located at 5046 #2 Road, Bloomfield, NM 87413. The facility operates as an office and warehouse location for the sale and distribution of specialty chemicals used as corrosion inhibitors, fuel additives, and production oil and water-treating additives.

Chemicals are stored in the warehouse in 55-gallon drums and 330-gallon and 550-gallon transtore tanks.

The facility operates on an eight-hour, five-day per week schedule. Operations are under the supervision of a district manager. Facility personnel consist of four distribution personnel, one warehouse man, three sales engineers and one technical assistant who are all responsible to the manager.

Material Compatibility

All containers and pumps are constructed of materials compatible with the products contained. Drums and portable containers conform with DOT requirements and are labeled in conformance with applicable regulations.

Material Safety Data Sheets for products stored at the facility are available at the office. These sheets contain chemical descriptions and hazards identification of the products.

Inspection and Maintenance

All containers are under daily visual observation. It is the plant manager's responsibility to have any leaking or damaged container corrected as soon as possible.

Emergency Prevention and Control

The modes of operations at the facility make fire and soil contamination the most likely consequences of an emergency episode. The facility is designed to prevent such episodes and to minimize damage in the event of an occurrence. The nature of the products makes a spill of liquids the most probable form of release.

Contour of the property diverts the flow of rain water from surrounding areas to drainage ditches along the property boundaries. Rain water is also directed off of the site towards the drainage

ditches. The chemical storage areas are elevated above grade from the surrounding area. The storage areas are roofed to prevent contact of rain water with drums and tanks. The storage pads are further curbed. The storage pads and curbed areas are lined with "Greenstreak" base seal to prevent spilled chemical from leaching through the cement and contaminating soils. Therefore, the likelihood that spilled liquid would leave the plant property is extremely small.

Organization Structure

The district manager is in charge of the Preparedness Prevention and Contingency plan and operations. He is responsible for training of employees and for implementing response measures in the event of an incident.

Chemical Safety Contingency Planning

An Emergency Control Procedure, designed for response to most probable chemical emergencies is attached as Appendix I. It is the duty of the district manager to assure that all personnel are informed of this procedure.

Waste Management

The facility is not listed as a hazardous waste generator. The type of operations and the containers used in the storage and distribution of these chemicals are designed to minimize hazardous waste generation. Should wastes occur as a result of product transfer operations, returned container residues they will be managed in an approved manner. Hazardous waste management training will be provided as necessary. As a result, hazards posed by any accumulated wastes are identical to hazards posed by product storage and handling. Therefore, the Emergency Control Procedures for products are applicable to waste products including those designated as hazardous waste.

Emergency Equipment

The Bloomfield Warehouse maintains the following emergency equipment:

1. Ten- and twenty-pound dry chemical fire extinguishers are on hand for first aid application to incipient stage fires. The fire extinguishers are located in the chemical storage area of the facility at fixed locations.
2. A portable air-driven horn is maintained for evacuation purposes. This unit is kept at the entrance to the office and will be used by personnel to warn others in the event that the facility must be evacuated.
3. Recovery drums are maintained on hand to provide a means of liquid containment should a 55-gallon drum develop a leak.
4. A Petrolite Spill Response Guide and spill response equipment is maintained at the warehouse in the event of a spill.

5. A emergency response notification chart is maintained at the warehouse and in all sales and distribution vehicles in the event of a spill. Personnel are trained in the use of spill recovery equipment.

HAZARDOUS MATERIAL SHIPPING ROUTE

Inbound - New Mexico highway 44 to the warehouse.

Outbound- Petrolite warehouse to New Mexico highway 44 and 64 to surrounding areas.

APPENDIX I

Emergency Control Procedures

Fire:

Fire extinguishers are located in various places around the work areas. See attached plant layout for locations.

A. Small Fires (incipient stage):

1. An attempt will be made to extinguish small fires, which are at incipient stage, with the use of portable dry chemical fire extinguishes. The fire department shall be called regardless if fire is extinguished or not. At the first indication of fire, the following steps shall be taken:
 - a. Call fire department;
 - b. Attempt to extinguish fire;
 - c. Shut off electrical power to pumps and motors;
 - d. Close valves on storage tanks; and
 - e. If fire involves product, contact Emergency Response Group in St. Louis to stand by for technical assistance.

B. Large Fires (beyond incipient stage):

1. No attempt should be made to extinguish fire. Evacuate all personnel and visitors.
2. Immediately notify fire department.
3. If possible, shut off power to building.
4. Close all valves on storage tanks.
5. Stand by for fire department arrival. (Be prepared to assist with identification and location of products and facility contents.)
6. Contact Emergency response Group in St. Louis for technical assistance.
7. Do not permit unauthorized individuals to enter company premises.

In the event of fire, evacuation of the warehouse and/or yard area may be necessary to protect personnel from potential adverse problems. If evacuation is required, the warehouse manager or his designee shall order the warehouse tank farm and/or yard area evacuated. Evacuation will be signaled by verbal voice command and by use of portable air-driven horn. Upon notification of evacuation, all employees shall immediately leave the site and assemble at a point across the road from the warehouse until conditions are suitable for return to the warehouse or employees are instructed to leave area. A head count shall be made as soon as possible after employees have reported to point of assembly.

Spill

Liquid transfer systems have been designed to minimize the possibility of spills. However, such design is dependent upon proper use and attention of the operator during filling and emptying operations. Before using any transfer equipment, the operator shall be certain that he is thoroughly familiar with the equipment and that all connections are properly and tightly made. Before filling any tank, the operator shall ascertain that there is sufficient void in the tank so that the volume of liquid to be added will not cause the tank to overflow. Before breaking lines after filling a tank, the operator will make certain that all valves are properly closed and that lines are clear to prevent spilling from the disconnected line. Company operators will make up and break transfer lines when delivery is received from, or made to non-company vehicles.

In the event a spill should occur, the person observing the spill will take immediate action to contain the spill. Bags of absorbent, shovels, and empty drums to be used for spill control are located in the warehouse. After taking action, this person will then notify the plant supervisor of the location and extent of the spill. Depending on the size and nature of the spill, the supervisor will take appropriate action described below.

If there is no immediate danger of the spill reaching or being washed into a waterway and the spill is:

Less than 100 gallons: The supervisor will have the spill covered with absorbent such as hay, fuller's earth, or neutralizing material. This will be collected for incineration, burial, or disposal in an approved manner.

More than 1000 gallons: The supervisor will have as much as possible of the liquid collected into drums or tanks. The non-collectible portion will be covered with absorbent such as hay, fuller's earth, or neutralizing material. This will then be collected for incineration, burial, or disposal in an approved manner. As soon as practical, the plant supervisor will notify the regional manager of the spill and of the subsequent action completed.

If the spill has reached, or is in imminent danger of reaching, a waterway: The plant supervisor will immediately notify the regional distribution manager of the spill and with his approval will take action to minimize the water pollution. Such action may include construction of dams or ditches and containment basins, stringing booms, spreading collectible adsorbents, or other suitable action, using facility or contract labor as necessary.

The plant supervisor will notify the proper local authority of the spill, of the approximate volume that has reached waterways and of action under way. The supervisor will make other notifications recommended by the authority receiving the call. It is especially important in the case of designated "Hazardous Substances" and "Hazardous Wastes" that an accurate estimate is made of the volume which reaches a waterway.

In the event of a spill of flammable material, the plant supervisor shall decide whether to notify the fire department. This decision will be based upon the volume of the spill and the potential for ignition. A record of a spill and subsequent action taken will be made and kept on file. A copy of the report will be sent to corporate Environmental Affairs. Corporate Environmental Affairs shall be notified before making spill reports.

Injury

In the case of direct contact with chemical, the skin shall be washed with water. Contaminated clothing shall be removed. If eye contact occurs, the eyes shall be flushed with water. Medical attention shall follow immediately. Material Safety Data Sheets for each product stored at the plant are available in the office. Additional first aid and medical information can be obtained by calling the Petrolite Emergency Information number.

In case of physical injury, first aid shall be provided. Based upon the seriousness of the accident, the plant supervisor shall decide whether hospital emergency attention is required and, if so, the method of transporting the victims to the hospital.

For any injury, a report must be made to the corporate Manager of Safety.

Weather Emergencies and Power Failures

During natural disasters, such as flooding, heavy storms or power failure, it may be necessary to shut down operations of the plant. This decision will be made by the Regional Distribution Manager. Insofar as practical, prior to shutdown, the plant supervisor shall have all equipment and small containers secured to minimize loss. In the event of an electrical power failure, electrical equipment will be turned off or unplugged to avoid danger when power is restored.

Evacuation

In the event evacuation is necessary, all persons at the facility will immediately leave the plant by safest route. All persons will assemble across the road directly opposite the building's front entrance and a head count will be made.

An air-driven horn is utilized to warn of the need for plant evacuation.

When conditions become untenable, the warehouse manager or his designee shall activate the air horn signaling a need to evacuate. At the sound of the air horn all personnel shall immediately leave the premises and assemble.

PETROLITE CORPORATION
369 MARSHALL AVE.
ST. LOUIS MO 63119 U.S.A

REVISION DATE: 09/10/91
EMERGENCY PHONE: 1-314-961-3500
CHEMTREC EMER NO: 1-800-424-9300

SECTION 1 PRODUCT IDENTIFICATION

PRODUCT: J 0196

TRADE NAME: TRETOLITE

LABEL: 012

000

097

SHIPPING NAME: NOT HAZARDOUS PER D.O.T. CFR TITLE 49

CHEMICAL DESCRIPTION

POLYAMINE SALT, ZINC CHLORIDE AND AMMONIUM CHLORIDE
IN WATER AND ETHYLENE GLYCOL.

SECTION 2 HAZARDOUS INGREDIENTS

CAS NUMBER	MATERIAL	%	EXPOSURE LIMITS
**	Polyamine salt	10-30	Not Established
07646-85-7	Zinc chloride (fume)	10-30	ACGIH TLV: 1.0 mg/M3 OSHA PEL: 1.0 mg/M3 ACGIH STEL: 2.0 mg/M3
12125-02-9	Ammonium chloride - fume	5-10	ACGIH TLV: 10 mg/M3 ACGIH STEL: 20 mg/M3
00107-21-1	Ethylene glycol	5-10	ACGIH CEIL: 50 ppm

**Specific chemical identity is being withheld for
confidential business purposes.

SECTION 3 PHYSICAL DATA

SPECIFIC GRAVITY (H2O = 1.0@60 F): 1.246

VOLATILITY: N/A

VAPOR PRESSURE: Not Established

SOL. IN WATER: Soluble

APPEARANCE AND ODOR: Amber liquid. Slight odor.

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >200 F

FLAMMABLE LIMITS: Not Established

FLASH METHOD:

SFCC ASTM D-3828

EXTINGUISHING MEDIA:

Material is non-flammable. Use water spray, foam, CO2 or
any other media suitable for extinguishing materials
supporting combustion.

CONTINUED ON PAGE: 2

***CONTINUATION OF J 0196 ***

FIRE FIGHTING PROCEDURES:

Use a self-contained breathing apparatus with full facepiece operated in pressure-demand or other positive pressure mode. Non-flammable. Keep fire-exposed containers cool using water spray.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None known.

SECTION 5 HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

INHALATION:

Prolonged or excessive exposures to mists or extremely high concentrations may result in respiratory and mucous membrane irritation. In extreme cases lung irritation and chemical pneumonitis may occur. Metal fume fever may result from inhaling zinc oxide, a possible decomposition product at high temperatures.

SKIN AND EYE CONTACT:

Contact with skin will cause moderate to severe irritation or burns. Contact with eyes will result in severe eye irritation or burns, and if not immediately removed, may lead to permanent eye injury.

INGESTION:

Causes severe irritation or burns to the mouth and gastrointestinal tract. In extreme cases may cause kidney and liver damage.

ORAL LD50: 1.8 g/kg (Rat)

EMERGENCY AND FIRST AID PROCEDURES:

If contacted, wash skin immediately with soap and water. Remove contaminated clothing and wash before reuse. If irritation or burns develop, consult a physician. If in eyes, irrigate with flowing water immediately and continuously for fifteen minutes. Consult a physician. If inhaled, remove to fresh air. Administer oxygen if necessary. Consult a physician if symptoms persist or exposure was severe. If ingested, induce vomiting. NOTE TO PHYSICIAN: To prevent kidney damage, administer ethanol intravenously, as a 5% solution in sodium bicarbonate, at a rate of 10 mL of ethanol per hour. Hemodialysis may be required.

CONTINUED ON PAGE: 3

MATERIAL SAFETY DATA SHEET

PAGE 3

***CONTINUATION OF J 0196 ***

SECTION 6 REACTIVITY DATA

STABILITY:

Stable under normal conditions of storage and use.

INCOMPATIBILITY:

Keep away from strong oxidizing agents. Zinc chloride may react with cyanides and sulfites to release toxic HCN or H₂S gas.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of nitrogen. HCl. Zinc Oxide

HAZARDOUS POLYMERIZATION:

Will not occur.

SECTION 7 SPILL AND LEAK PROCEDURES

IF MATERIAL IS SPILLED OR RELEASED:

Small spill - Absorb on paper, cloth or other material.
Large spill - Dike to prevent entering any sewer or water-way. Transfer liquid to a holding container. Cover residue with dirt, or suitable chemical adsorbent. Use personal protective equipment as necessary.

DISPOSAL METHOD:

Place chemical residues and contaminated adsorbent materials into a suitable waste container and take to an approved hazardous waste disposal site. Dispose of all residues in accordance with applicable waste management regulations.

DECONTAMINATION PROCEDURES:

Not appropriate.

SECTION 8 SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

When concentrations exceed the exposure limits specified, use of a NIOSH-approved organic vapor/acid gas cartridge respirator with full facepiece is recommended. Where the protection factor of the respirator may be exceeded, use of a self-contained breathing unit may be necessary.

VENTILATION:

General ventilation should be provided to maintain ambient concentrations below nuisance levels. Local ventilation of emission sources may be necessary to maintain ambient concentrations below recommended exposure limits.

CONTINUED ON PAGE: 4

***CONTINUATION OF J 0196 ***

PROTECTIVE CLOTHING:

Chemical-resistant gloves and chemical goggles, face shield and synthetic apron or coveralls should be used to prevent contact with eyes, skin or clothing.

SECTION 9 SPECIAL PRECAUTIONS

Avoid breathing of vapors and contact with eyes, skin or clothing. Hazardous product residue may remain in emptied container. Do not reuse container without commercial cleaning or reconditioning.

Ethylene glycol has been shown to produce birth defects in rats and mice when dosed at high concentrations. Ethylene glycol is therefore considered an animal teratogen. However, there is no information currently available to suggest that ethylene glycol has caused birth defects in humans.

Although the information and recommendations set forth herein are believed to be correct as of the date hereof, Petrolite makes no representations to the accuracy of such information and recommendations. It is the user's responsibility to determine the suitability and completeness of such information and recommendation for its own particular use. Petrolite shall not be responsible for any direct, indirect, incidental or consequential damages of whatsoever nature resulting from the publication, use of or reliance upon such information and recommendations.

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PETROLITE CORPORATION
369 MARSHALL AVE.
ST. LOUIS MO 63119 U.S.A.

REVISION DATE: 01/04/93
CHEMTREC EMER NO: 1-800-424-9300
INFORMATION PHONE: 1-314-961-3500

PRODUCT: J 0196

The following information is provided for the convenience of Petrolite customers. This Environmental Data Sheet is incorporated into the Material Safety Data Sheet (MSDS) for the Petrolite product named above. When physically attached to the MSDS, this Environmental Data Sheet must not be detached from the MSDS. Any copying or redistribution of the MSDS to which this Environmental Data Sheet is attached must include copying and redistribution of this Environmental Data Sheet as well.

Petrolite makes reasonable efforts to assure the accuracy of this information, but makes no representation or warranty about it. This information is not intended as legal advice nor as a definitive guide to the requirements of applicable laws and regulations.

NFPA DESIGNATION 704

PRODUCT LABEL CODES

DEGREE OF HAZARD

HEALTH (BLUE) = 3
FLAMMABILITY (RED) = 1
REACTIVITY (YELLOW) = 0
SPECIAL HAZARDS =

0 = LEAST
1 = SLIGHT
2 = MODERATE
3 = HIGH
4 = EXTREME

TSCA INVENTORY

This product, or its components, if a mixture, are on the Toxic Substance Control Act (TSCA) inventory.

PETROLITE CORPORATION
369 MARSHALL AVE.
ST. LOUIS MO 63119 U.S.A.

REVISION DATE: 01/04/93
CHEMTREC EMER NO: 1-800-424-9300
INFORMATION PHONE: 1-314-961-3500

PRODUCT: J 0196

CERCLA HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES

This Petrolite product contains the following materials which have been listed as a hazardous substance or substances subject to the release reporting requirements of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) and 40 CFR Part 302 and 40 CFR 355.40. The reportable quantities (RQs) are calculated in gallons of product. Each entry corresponds to the RQ, in pounds, of the listed CERCLA hazardous substance.

CHEMICAL	CAS NUMBER	RQ, #	RQ, GAL
Zinc chloride	7646-85-7	1,000	549
Ammonium chloride	12125-02-9	5,000	4,800

SARA TITLE III, EXTREMELY HAZARDOUS SUBSTANCES

This Petrolite product contains the following materials which have been listed as an Extremely Hazardous Substance or Substances subject to the emergency planning provisions of SARA Title III, Section 302 and 40 CFR 355.30, the release reporting requirements of SARA Title III, Section 304 and 40 CFR 355.40, and the hazardous chemical reporting/community right-to-know requirements of SARA Title III, Section 312 and 40 CFR Part 370. The reportable quantities (RQs) and threshold planning quantities (TPQs) are calculated in gallons of product. Each entry corresponds to the RQ or TPQ in pounds, as appropriate, for the listed Extremely Hazardous Substances. No data is given for listed Extremely Hazardous Substances present in concentrations below applicable de minimis levels.

**** NONE ****

SARA TITLE III, SECTION 311: HAZARD CATEGORIES

This Petrolite product has been assigned to the following hazard category(ies), as provided by SARA Title III, Section 311 and 40 CFR 370, Subpart A, 370.2:

PETROLITE CORPORATION
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ST. LOUIS MO 63119 U.S.A.

REVISION DATE: 01/04/93
CHEMTREC EMER NO: 1-800-424-9300
INFORMATION PHONE: 1-314-961-3500

PRODUCT: J 0196

SARA TITLE III, SECTION 311: HAZARD CATEGORIES (CONT)

Acute (immediate) health hazard

SARA TITLE III, SECTION 312 INVENTORY REPORTING INFORMATION

This Petrolite product has the following physical characteristics for any required reporting on the federal Tier Two form or its equivalent:

MIXTURE
LIQUID

SARA TITLE III, SECTION 313

This Petrolite product contains the following materials which have been listed as a toxic chemical or chemicals subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

CHEMICAL	CAS NUMBER	WEIGHT PERCENT
Zinc Compounds	Not Applicable	17.5 %
Ethylene glycol	107-21-1	10.0 %

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MATERIAL SAFETY DATA SHEET

PAGE 1

PETROLITE CORPORATION
369 MARSHALL AVE.
ST. LOUIS MO 63119 U.S.A

REVISION DATE: 12/30/91
EMERGENCY PHONE: 1-314-961-3500
CHEMTREC EMER NO: 1-800-424-9300

SECTION 1 PRODUCT IDENTIFICATION

PRODUCT: PA00034K

TRADE NAME: TRETOLITE

LABEL: 014
000
000

(IF HAZARDOUS PER D.O.T. CFR TITLE 49)

SHIPPING NAME: Combustible Liquid, N.O.S. (In Bulk D.O.T.)

HAZARD CLASS: Combustible Liquid

ID#: NA1993

CHEMICAL DESCRIPTION

A POLYALKYLSUCCINIMIDE IN AROMATIC HYDROCARBONS.

SECTION 2 HAZARDOUS INGREDIENTS

CAS NUMBER	MATERIAL	%	EXPOSURE LIMITS
64742-94-5	Heavy aromatic naphtha	>60	RECOMMENDED: 25 ppm

SECTION 3 PHYSICAL DATA

SPECIFIC GRAVITY(H2O = 1.0@60 F): 0.899

VOLATILITY: Moderate

VAPOR PRESSURE: Not Established

SOL. IN WATER: Insoluble

APPEARANCE AND ODOR: Amber liquid. Aromatic odor.

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 115 F

FLAMMABLE LIMITS: Not Established

FLASH METHOD:

SFCC ASTM D-3828

EXTINGUISHING MEDIA:

Use water spray or fog, alcohol-type foam, dry chemical
or CO2.

FIRE FIGHTING PROCEDURES:

Use a self-contained breathing apparatus with full facepiece
operated in pressure-demand or other positive pressure mode.
Combustible. Keep fire exposed containers cool using water
spray.

CONTINUED ON PAGE: 2

CONTINUATION OF PA00034K

UNUSUAL FIRE AND EXPLOSION HAZARDS:

At elevated temperatures, vapors can form an ignitable mixture with air. Vapors can flow along surfaces to distant ignition sources and flash back.

SECTION 5 HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

INHALATION:

Vapors are highly irritating to eyes, nose and respiratory system, and may produce nausea, headache and dizziness. Prolonged exposure to elevated concentrations may cause drowsiness, weakness and CNS depression. In extreme cases narcosis and even loss of consciousness may occur. Chronic effects of repeated exposures to high concentrations may include damage to kidneys and liver.

SKIN AND EYE CONTACT:

Causes mild to moderate irritation on brief skin contact. Prolonged contact with skin will cause moderate to severe irritation or possibly burns where clothing is confined. Repeated or prolonged contact may result in dermatitis due to defatting solvent properties. Contact with eyes will result in moderate to severe irritation, and in extreme cases may result in severe but transient eye injury.

INGESTION:

May cause severe gastrointestinal distress with nausea, vomiting and diarrhea. Aspiration into lungs may cause pulmonary edema and chemical pneumonitis. May be readily absorbed through the gastrointestinal tract.

EMERGENCY AND FIRST AID PROCEDURES:

Wash skin thoroughly with soap and water. If rash or irritation develops, consult a physician. Launder clothing before reuse. If in eyes, irrigate with flowing water immediately and continuously for fifteen minutes. Consult a physician promptly.

If inhaled, remove to fresh air. Administer oxygen if necessary. Consult a physician if symptoms persist or exposure was severe.

Due to possible aspiration into the lungs, DO NOT induce vomiting if ingested. Consult a physician immediately.

NOTE TO PHYSICIAN: Administer activated carbon if indicated.

CONTINUED ON PAGE: 3

CONTINUATION OF PA00034K

SECTION 6 REACTIVITY DATA

STABILITY:

Stable under normal conditions of storage and use.

INCOMPATIBILITY:

Keep away from strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of nitrogen.

HAZARDOUS POLYMERIZATION:

Will not occur.

SECTION 7 SPILL AND LEAK PROCEDURES

IF MATERIAL IS SPILLED OR RELEASED:

Small spill - Absorb on paper, cloth or other material.

Large spill - Dike to prevent entering any sewer or waterway. Transfer liquid to a holding container. Cover residue with dirt, or suitable chemical adsorbent. Use personal protective equipment as necessary.

DISPOSAL METHOD:

Place chemical residues and contaminated adsorbent materials into a suitable waste container and take to an approved waste disposal site. Dispose of all residues in accordance with applicable waste management regulations.

DECONTAMINATION PROCEDURES:

Not appropriate.

SECTION 8 SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

When concentrations exceed the exposure limits specified, use of a NIOSH-approved organic vapor cartridge respirator is recommended. Where the protection factor of the respirator may be exceeded, use of a self-contained breathing unit may be necessary.

VENTILATION:

General ventilation should be provided to maintain ambient concentrations below nuisance levels. Local ventilation of emission sources may be necessary to maintain ambient concentrations below recommended exposure limits.

CONTINUED ON PAGE: 4

CONTINUATION OF PA00034K

PROTECTIVE CLOTHING:

Chemical-resistant gloves and chemical goggles should be used to prevent skin and eye contact.

SECTION 9 SPECIAL PRECAUTIONS

Avoid heat, sparks and open flames. Avoid breathing of vapors and contact with eyes, skin or clothing. Keep container closed when not in use. Hazardous product residue may remain in emptied container. Do not reuse empty container without commercial cleaning or reconditioning.

Although the information and recommendations set forth herein are believed to be correct as of the date hereof, Petrolite makes no representations to the accuracy of such information and recommendations. It is the user's responsibility to determine the suitability and completeness of such information and recommendation for its own particular use. Petrolite shall not be responsible for any direct, indirect, incidental or consequential damages of whatsoever nature resulting from the publication, use of or reliance upon such information and recommendations.

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PETROLITE CORPORATION
369 MARSHALL AVE.
ST. LOUIS MO 63119 U.S.A.

REVISION DATE: 01/04/93
CHEMTREC EMER NO: 1-800-424-9300
INFORMATION PHONE: 1-314-961-3500

PRODUCT: PAO0034K

The following information is provided for the convenience of Petrolite customers. This Environmental Data Sheet is incorporated into the Material Safety Data Sheet (MSDS) for the Petrolite product named above. When physically attached to the MSDS, this Environmental Data Sheet must not be detached from the MSDS. Any copying or redistribution of the MSDS to which this Environmental Data Sheet is attached must include copying and redistribution of this Environmental Data Sheet as well.

Petrolite makes reasonable efforts to assure the accuracy of this information, but makes no representation or warranty about it. This information is not intended as legal advice nor as a definitive guide to the requirements of applicable laws and regulations.

NFPA DESIGNATION 704

PRODUCT LABEL CODES		DEGREE OF HAZARD
HEALTH (BLUE)	= 0	0 = LEAST
FLAMMABILITY (RED)	= 2	1 = SLIGHT
REACTIVITY (YELLOW)	= 0	2 = MODERATE
SPECIAL HAZARDS	=	3 = HIGH
		4 = EXTREME

TSCA INVENTORY

This product, or its components, if a mixture, are on the Toxic Substance Control Act (TSCA) inventory.

PETROLITE CORPORATION
369 MARSHALL AVE.
ST. LOUIS MO 63119 U.S.A.

REVISION DATE: 01/04/93
CHEMTREC EMER NO: 1-800-424-9300
INFORMATION PHONE: 1-314-961-3500

PRODUCT: PAO0034K

CERCLA HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES

This Petrolite product contains the following materials which have been listed as a hazardous substance or substances subject to the release reporting requirements of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) and 40 CFR Part 302 and 40 CFR 355.40. The reportable quantities (RQs) are calculated in gallons of product. Each entry corresponds to the RQ, in pounds, of the listed CERCLA hazardous substance.

CHEMICAL	CAS NUMBER	RQ, #	RQ, GAL
Xylene (mixed)	1330-20-7	1,000	1,990
Naphthalene	91-20-3	100	3,030
Cumene	98-82-8	5,000	33,200
Ethylbenzene	100-41-4	1,000	43,100
Toluene	108-88-3	1,000	103,000

SARA TITLE III, EXTREMELY HAZARDOUS SUBSTANCES

This Petrolite product contains the following materials which have been listed as an Extremely Hazardous Substance or Substances subject to the emergency planning provisions of SARA Title III, Section 302 and 40 CFR 355.30, the release reporting requirements of SARA Title III, Section 304 and 40 CFR 355.40, and the hazardous chemical reporting/community right-to-know requirements of SARA Title III, Section 312 and 40 CFR Part 370. The reportable quantities (RQs) and threshold planning quantities (TPQs) are calculated in gallons of product. Each entry corresponds to the RQ or TPQ in pounds, as appropriate, for the listed Extremely Hazardous Substances. No data is given for listed Extremely Hazardous Substances present in concentrations below applicable de minimis levels.

**** NONE ****

SARA TITLE III, SECTION 311: HAZARD CATEGORIES

This Petrolite product has been assigned to the following hazard

PETROLITE CORPORATION
369 MARSHALL AVE.
ST. LOUIS MO 63119 U.S.A.

REVISION DATE: 01/04/93
CHEMTREC EMER NO: 1-800-424-9300
INFORMATION PHONE: 1-314-961-3500

PRODUCT: PA00034K

SARA TITLE III, SECTION 311: HAZARD CATEGORIES (CONT)

category(ies), as provided by SARA Title III, Section 311 and 40
CFR 370, Subpart A, 370.2:

Acute (immediate) health hazard
Fire hazard

SARA TITLE III, SECTION 312 INVENTORY REPORTING INFORMATION

This Petrolite product has the following physical characteristics for any
required reporting on the federal Tier Two form or its equivalent:

MIXTURE
LIQUID

SARA TITLE III, SECTION 313

This Petrolite product contains the following materials which have been
listed as a toxic chemical or chemicals subject to the reporting
requirements of section 313 of Title III of the Superfund Amendments and
Reauthorization Act of 1986 and 40 CFR Part 372:

CHEMICAL	CAS NUMBER	WEIGHT PERCENT
Cumene *	98-82-8	2.0 %
1,2,4-Trimethylbenzene *	95-63-6	26.7 %
Xylene (mixed isomers) *	1330-20-7	6.7 %
* solvent component		

PETROLITE EXPRESSLY DISCLAIMS ANY AND ALL WARRANTIES OF EVERY KIND
AND NATURE, INCLUDING THOSE OF MERCHANTABILITY AND OF FITNESS FOR A
PARTICULAR PURPOSE, WITH RESPECT TO THE PRODUCT AND THE INFORMATION
CONTAINED HEREIN OR ANY USE OR RELIANCE THEREON. Petrolite shall
not be responsible for any direct, indirect, incidental or
consequential damage of whatsoever nature resulting from the
publication, use of or reliance upon this information.

MATERIAL SAFETY DATA SHEET

PAGE 1

PETROLITE CORPORATION
369 MARSHALL AVE.
ST. LOUIS MO 63119 U.S.A

REVISION DATE: 12/30/91
EMERGENCY PHONE: 1-314-961-3500
CHEMTREC EMER NO: 1-800-424-9300

SECTION 1 PRODUCT IDENTIFICATION

PRODUCT: PA00100F

TRADE NAME: TRETOLITE

LABEL: 004
000
000

(IF HAZARDOUS PER D.O.T. CFR TITLE 49)

SHIPPING NAME: Flammable Liquid, N.O.S.

HAZARD CLASS: Flammable Liquid

ID#: UN1993

CHEMICAL DESCRIPTION

AROMATIC HYDROCARBONS AND VM & P NAPHTHA.

SECTION 2 HAZARDOUS INGREDIENTS

CAS NUMBER	MATERIAL	%	EXPOSURE LIMITS
00108-88-3	Toluene	30-60	ACGIH TLV: 100ppm TWA OSHA PEL: 200ppm TWA ACGIH STEL: 150 ppm
64742-89-8	VM & P Naphtha	30-60	ACGIH TLV: 300 ppmTWA OSHA PEL: 500 ppmTWA
01330-20-7	Xylene	1-5	ACGIH TLV: 100 ppm OSHA PEL: 100 ppm ACGIH STEL: 150 ppm

SECTION 3 PHYSICAL DATA

SPECIFIC GRAVITY(H2O = 1.0@60 F): 0.807
VAPOR PRESSURE: Not Established

VOLATILITY: Extreme
SOL. IN WATER: Insoluble

MISC. DATA: Boiling Point: 186F

APPEARANCE AND ODOR: Yellow liquid. Aromatic odor.

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 44 F

FLAMMABLE LIMITS: Not Established

FLASH METHOD:

SFCC ASTM D-3828

CONTINUED ON PAGE: 2

CONTINUATION OF PA00100F

EXTINGUISHING MEDIA:

Use water spray or fog, alcohol-type foam, dry chemical or CO2.

FIRE FIGHTING PROCEDURES:

Use a self-contained breathing apparatus with full facepiece operated in pressure-demand or other positive pressure mode. Flammable. Cool fire-exposed containers using water spray.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Flammable liquid, vapors of which can form an ignitable mixture with air. Vapors can flow along surfaces to distant ignition sources and flash back.

SECTION 5 HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

INHALATION:

Vapors are highly irritating to eyes, nose and respiratory system, and may produce nausea, headache and dizziness. Prolonged exposure to elevated concentrations may cause drowsiness, weakness and CNS depression. In extreme cases

narcosis and even loss of consciousness may occur. Chronic effects of repeated exposures to high concentrations may include damage to kidneys and liver.

SKIN AND EYE CONTACT:

Intermittent skin contact may result in mild irritation. Prolonged contact with skin will produce moderate irritation resulting in rashes and dermatitis due to defatting solvent properties. Contact with eyes will produce moderate to severe irritation with mild transient eye damage.

INGESTION:

May cause severe gastrointestinal distress with nausea, vomiting and diarrhea. Aspiration into lungs may cause pulmonary edema and chemical pneumonitis. May be readily absorbed through the gastrointestinal tract.

EMERGENCY AND FIRST AID PROCEDURES:

Wash skin thoroughly with soap and water. If rash or irritation develops, consult a physician. Launder clothing before reuse. If in eyes, irrigate with flowing water immediately and continuously for fifteen minutes. Consult a physician promptly. If inhaled, remove to fresh air. Administer oxygen if necessary. Consult a physician if symptoms persist or exposure was severe.

CONTINUED ON PAGE: 3

CONTINUATION OF PA00100F

Due to possible aspiration into the lungs, DO NOT induce vomiting if ingested. Consult a physician immediately.

NOTE TO PHYSICIAN: Administer activated carbon if indicated.

SECTION 6 REACTIVITY DATA

STABILITY:

Stable under normal conditions of storage and use.

INCOMPATIBILITY:

Keep away from strong oxidizing agents, heat and open flames.

HAZARDOUS DECOMPOSITION PRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will not occur.

SECTION 7 SPILL AND LEAK PROCEDURES

IF MATERIAL IS SPILLED OR RELEASED:

Small spill - Absorb on paper, cloth or other material.

Large spill - Dike to prevent entering any sewer or waterway. Transfer liquid to a holding container. Cover residue with dirt, or suitable chemical adsorbent. Use personal protective equipment as necessary.

DISPOSAL METHOD:

Place chemical residues and contaminated adsorbent materials into a suitable waste container and take to an approved hazardous waste disposal site. Dispose of all residues in accordance with applicable waste management regulations.

DECONTAMINATION PROCEDURES:

Not appropriate.

SECTION 8 SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

When concentrations exceed the exposure limits specified, use of a NIOSH-approved organic vapor cartridge respirator is recommended. Where the protection factor of the respirator may be exceeded, use of a self-contained breathing unit may be necessary.

CONTINUED ON PAGE: 4

CONTINUATION OF PA00100F

VENTILATION:

General ventilation should be provided to maintain ambient concentrations below nuisance levels. Local ventilation of emission sources may be necessary to maintain ambient concentrations below recommended exposure limits.

PROTECTIVE CLOTHING:

Chemical-resistant gloves and chemical goggles should be used to prevent skin and eye contact.

SECTION 9 SPECIAL PRECAUTIONS

Flammable liquid. Avoid heat, sparks and open flames. Avoid breathing of vapors and contact with eyes, skin or clothing. Keep container closed when not in use. Hazardous product residue may remain in emptied container. Do not reuse empty containers without commercial cleaning or reconditioning.

Although the information and recommendations set forth herein are believed to be correct as of the date hereof, Petrolite makes no representations to the accuracy of such information and recommendations. It is the user's responsibility to determine the suitability and completeness of such information and recommendation for its own particular use. Petrolite shall not be responsible for any direct, indirect, incidental or consequential damages of whatsoever nature resulting from the publication, use of or reliance upon such information and recommendations.

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PETROLITE CORPORATION
369 MARSHALL AVE.
ST. LOUIS MO 63119 U.S.A.

REVISION DATE: 01/04/93
CHEMTREC EMER NO: 1-800-424-9300
INFORMATION PHONE: 1-314-961-3500

PRODUCT: PAO0100F

The following information is provided for the convenience of Petrolite customers. This Environmental Data Sheet is incorporated into the Material Safety Data Sheet (MSDS) for the Petrolite product named above. When physically attached to the MSDS, this Environmental Data Sheet must not be detached from the MSDS. Any copying or redistribution of the MSDS to which this Environmental Data Sheet is attached must include copying and redistribution of this Environmental Data Sheet as well.

Petrolite makes reasonable efforts to assure the accuracy of this information, but makes no representation or warranty about it. This information is not intended as legal advice nor as a definitive guide to the requirements of applicable laws and regulations.

NFPA DESIGNATION 704

PRODUCT LABEL CODES

DEGREE OF HAZARD

HEALTH (BLUE) = 2
FLAMMABILITY (RED) = 3
REACTIVITY (YELLOW) = 0
SPECIAL HAZARDS =

0 = LEAST
1 = SLIGHT
2 = MODERATE
3 = HIGH
4 = EXTREME

TSCA INVENTORY

This product, or its components, if a mixture, are on the Toxic Substance Control Act (TSCA) inventory.

PETROLITE CORPORATION
369 MARSHALL AVE.
ST. LOUIS MO 63119 U.S.A.

REVISION DATE: 01/04/93
CHEMTREC EMER NO: 1-800-424-9300
INFORMATION PHONE: 1-314-961-3500

PRODUCT: PA00100F

CERCLA HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES

This Petrolite product contains the following materials which have been listed as a hazardous substance or substances subject to the release reporting requirements of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) and 40 CFR Part 302 and 40 CFR 355.40. The reportable quantities (RQs) are calculated in gallons of product. Each entry corresponds to the RQ, in pounds, of the listed CERCLA hazardous substance.

CHEMICAL	CAS NUMBER	RQ, #	RQ, GAL
Toluene	108-88-3	1,000	269
Xylene (mixed)	1330-20-7	1,000	4,270
Ethylbenzene	100-41-4	1,000	17,600
Cumene	98-82-8	5,000	187,000

SARA TITLE III, EXTREMELY HAZARDOUS SUBSTANCES

This Petrolite product contains the following materials which have been listed as an Extremely Hazardous Substance or Substances subject to the emergency planning provisions of SARA Title III, Section 302 and 40 CFR 355.30, the release reporting requirements of SARA Title III, Section 304 and 40 CFR 355.40, and the hazardous chemical reporting/community right-to-know requirements of SARA Title III, Section 312 and 40 CFR Part 370. The reportable quantities (RQs) and threshold planning quantities (TPQs) are calculated in gallons of product. Each entry corresponds to the RQ or TPQ in pounds, as appropriate, for the listed Extremely Hazardous Substances. No data is given for listed Extremely Hazardous Substances present in concentrations below applicable de minimis levels.

**** NONE ****

SARA TITLE III, SECTION 311: HAZARD CATEGORIES

This Petrolite product has been assigned to the following hazard category(ies), as provided by SARA Title III, Section 311 and 40

PETROLITE CORPORATION
369 MARSHALL AVE.
ST. LOUIS MO 63119 U.S.A.

REVISION DATE: 01/04/93
CHEMTREC EMER NO: 1-800-424-9300
INFORMATION PHONE: 1-314-961-3500

PRODUCT: PA00100F

SARA TITLE III, SECTION 311: HAZARD CATEGORIES (CONT)

CFR 370, Subpart A, 370.2:

Acute (immediate) health hazard
Fire hazard

SARA TITLE III, SECTION 312 INVENTORY REPORTING INFORMATION

This Petrolite product has the following physical characteristics for any required reporting on the federal Tier Two form or its equivalent:

MIXTURE
LIQUID

SARA TITLE III, SECTION 313

This Petrolite product contains the following materials which have been listed as a toxic chemical or chemicals subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

CHEMICAL	CAS NUMBER	WEIGHT PERCENT
Toluene *	108-88-3	55.6 %
Xylene (mixed isomers) *	1330-20-7	3.5 %
* solvent component		

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MATERIAL SAFETY DATA SHEET

PAGE 1

PETROLITE CORPORATION
369 MARSHALL AVE.
ST. LOUIS MO 63119 U.S.A

REVISION DATE: 08/13/92
EMERGENCY PHONE: 1-314-961-3500
CHEMTREC EMER NO: 1-800-424-9300

SECTION 1 PRODUCT IDENTIFICATION

PRODUCT: PAO0103F

TRADE NAME: TRETOLITE

LABEL: 004
000
000

(IF HAZARDOUS PER D.O.T. CFR TITLE 49)

SHIPPING NAME: Flammable Liquid, N.O.S.

HAZARD CLASS: Flammable Liquid

ID#: UN1993

CHEMICAL DESCRIPTION

ALKYLARYL SULFONATES IN VM & P NAPHTHA, AROMATIC
HYDROCARBONS AND 2-ETHYLHEXANOL.

SECTION 2 HAZARDOUS INGREDIENTS

CAS NUMBER	MATERIAL	%	EXPOSURE LIMITS
64742-89-8	VM & P Naphtha	30-60	ACGIH TLV: 300 ppmTWA OSHA PEL: 500 ppmTWA
00108-88-3	Toluene	30-60	ACGIH TLV: 100ppm TWA OSHA PEL: 200ppm TWA ACGIH STEL: 150 ppm
**	Alkylaryl sulfonate	5-10	Not Established
64742-94-5	Heavy aromatic naphtha	1-5	RECOMMENDED: 25 ppm
00104-76-7	2-Ethylhexanol	1-5	Not Established

**Specific chemical identity is being withheld for
confidential business purposes.
Claim for Canadian Exemption No. 1089-011 filed
February 8, 1989.

SECTION 3 PHYSICAL DATA

SPECIFIC GRAVITY(H2O = 1.0@60 F): 0.815
VAPOR PRESSURE: Not Established

VOLATILITY: Extreme
SOL. IN WATER: Insoluble

APPEARANCE AND ODOR: Light amber liquid. Aromatic odor.

CONTINUED ON PAGE: 2

CONTINUATION OF PA00103F

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 44 F

FLAMMABLE LIMITS: Not Established

FLASH METHOD:

SFCC ASTM D-3823

EXTINGUISHING MEDIA:

Use water spray or fog, alcohol-type foam, dry chemical
or CO2.

FIRE FIGHTING PROCEDURES:

Use a self-contained breathing apparatus with full facepiece
operated in pressure-demand or other positive pressure mode.
Flammable. Cool fire-exposed containers using water spray.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Flammable liquid, vapors of which can form an ignitable
mixture with air. Vapors can flow along surfaces to distant
ignition sources and flash back.

SECTION 5 HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

INHALATION:

Exposure may result in eye, nose and respiratory irritation,
and may produce nausea, headache and dizziness. Prolonged
exposures to elevated concentrations may cause weakness and
CNS depression. In extreme cases, drowsiness and even loss
of consciousness may occur.
Chronic effects of repeated exposures to high concentrations
may include damage to kidneys and liver.

SKIN AND EYE CONTACT:

Intermittent skin contact may result in mild irritation.
Prolonged contact with skin will produce moderate irritation
resulting in rashes and dermatitis due to defatting solvent
properties. Contact with eyes will produce moderate to
severe irritation with mild transient eye damage.

INGESTION:

May cause severe gastrointestinal distress with nausea,
vomiting and diarrhea. Aspiration into lungs may cause
pulmonary edema and chemical pneumonitis. May be readily
absorbed through the gastrointestinal tract.

EMERGENCY AND FIRST AID PROCEDURES:

Wash skin thoroughly with soap and water. If rash or
irritation develops, consult a physician. Launder clothing
before reuse. If in eyes, irrigate with flowing water
immediately and continuously for fifteen minutes. Consult a
physician promptly.

CONTINUED ON PAGE: 3

CONTINUATION OF PA00103F

If inhaled, remove to fresh air. Administer oxygen if necessary. Consult a physician if symptoms persist or exposure was severe.

Due to possible aspiration into the lungs, DO NOT induce vomiting if ingested. Consult a physician immediately.

NOTE TO PHYSICIAN: Administer activated carbon if indicated.

SECTION 6 REACTIVITY DATA

STABILITY:

Stable under normal conditions of storage and use.

INCOMPATIBILITY:

Keep away from strong oxidizing agents, heat and open flames.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of sulfur and nitrogen.

HAZARDOUS POLYMERIZATION:

Will not occur.

SECTION 7 SPILL AND LEAK PROCEDURES

IF MATERIAL IS SPILLED OR RELEASED:

Small spill - Absorb on paper, cloth or other material.

Large spill - Dike to prevent entering any sewer or waterway. Transfer liquid to a holding container. Cover residue with dirt, or suitable chemical adsorbent. Use personal protective equipment as necessary.

DISPOSAL METHOD:

Place chemical residues and contaminated adsorbent materials into a suitable waste container and take to an approved hazardous waste disposal site. Dispose of all residues in accordance with applicable waste management regulations.

DECONTAMINATION PROCEDURES:

Not appropriate.

SECTION 8 SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

When concentrations exceed the exposure limits specified, use of a NIOSH-approved organic vapor cartridge respirator is recommended. Where the protection factor of the respirator may be exceeded, use of a self-contained breathing unit may be necessary.

CONTINUED ON PAGE: 4

CONTINUATION OF PA00103F

VENTILATION:

General ventilation should be provided to maintain ambient concentrations below nuisance levels. Local ventilation of emission sources may be necessary to maintain ambient concentrations below recommended exposure limits.

PROTECTIVE CLOTHING:

Chemical-resistant gloves and chemical goggles should be used to prevent skin and eye contact.

SECTION 9 SPECIAL PRECAUTIONS

Flammable liquid. Avoid heat, sparks and open flames. Avoid breathing of vapors and contact with eyes, skin or clothing. Keep container closed when not in use. Hazardous product residue may remain in emptied container. Do not reuse empty containers without commercial cleaning or reconditioning.

Although the information and recommendations set forth herein are believed to be correct as of the date hereof, Petrolite makes no representations to the accuracy of such information and recommendations. It is the user's responsibility to determine the suitability and completeness of such information and recommendation for its own particular use. Petrolite shall not be responsible for any direct, indirect, incidental or consequential damages of whatsoever nature resulting from the publication, use of or reliance upon such information and recommendations.

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PETROLITE CORPORATION
369 MARSHALL AVE.
ST. LOUIS MO 63119 U.S.A.

REVISION DATE: 01/04/93
CHEMTREC EMER NO: 1-800-424-9300
INFORMATION PHONE: 1-314-961-3500

PRODUCT: PAO0103F

The following information is provided for the convenience of Petrolite customers. This Environmental Data Sheet is incorporated into the Material Safety Data Sheet (MSDS) for the Petrolite product named above. When physically attached to the MSDS, this Environmental Data Sheet must not be detached from the MSDS. Any copying or redistribution of the MSDS to which this Environmental Data Sheet is attached must include copying and redistribution of this Environmental Data Sheet as well.

Petrolite makes reasonable efforts to assure the accuracy of this information, but makes no representation or warranty about it. This information is not intended as legal advice nor as a definitive guide to the requirements of applicable laws and regulations.

NFPA DESIGNATION 704

PRODUCT LABEL CODES		DEGREE OF HAZARD
HEALTH (BLUE)	= 3	0 = LEAST
FLAMMABILITY (RED)	= 3	1 = SLIGHT
REACTIVITY (YELLOW)	= 0	2 = MODERATE
SPECIAL HAZARDS	=	3 = HIGH
		4 = EXTREME

TSCA INVENTORY

This product, or its components, if a mixture, are on the Toxic Substance Control Act (TSCA) inventory.

PETROLITE CORPORATION
369 MARSHALL AVE.
ST. LOUIS MO 63119 U.S.A.

REVISION DATE: 01/04/93
CHEMTREC EMER NO: 1-800-424-9300
INFORMATION PHONE: 1-314-961-3500

PRODUCT: PAO0103F

CERCLA HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES

This Petrolite product contains the following materials which have been listed as a hazardous substance or substances subject to the release reporting requirements of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) and 40 CFR Part 302 and 40 CFR 355.40. The reportable quantities (RQs) are calculated in gallons of product. Each entry corresponds to the RQ, in pounds, of the listed CERCLA hazardous substance.

CHEMICAL	CAS NUMBER	RQ, #	RQ, GAL
Toluene	108-88-3	1,000	319
Xylene (mixed)	1330-20-7	1,000	4,220
Ethylbenzene	100-41-4	1,000	19,000
Naphthalene	91-20-3	100	73,000
Cumene	98-82-8	5,000	159,000

SARA TITLE III, EXTREMELY HAZARDOUS SUBSTANCES

This Petrolite product contains the following materials which have been listed as an Extremely Hazardous Substance or Substances subject to the emergency planning provisions of SARA Title III, Section 302 and 40 CFR 355.30, the release reporting requirements of SARA Title III, Section 304 and 40 CFR 355.40, and the hazardous chemical reporting/community right-to-know requirements of SARA Title III, Section 312 and 40 CFR Part 370. The reportable quantities (RQs) and threshold planning quantities (TPQs) are calculated in gallons of product. Each entry corresponds to the RQ or TPQ in pounds, as appropriate, for the listed Extremely Hazardous Substances. No data is given for listed Extremely Hazardous Substances present in concentrations below applicable de minimis levels.

**** NONE ****

SARA TITLE III, SECTION 311: HAZARD CATEGORIES

This Petrolite product has been assigned to the following hazard

PETROLITE

ENVIRONMENTAL DATA SHEET

PETROLITE CORPORATION
369 MARSHALL AVE.
ST. LOUIS MO 63119 U.S.A.

REVISION DATE: 01/04/93
CHEMTREC EMER NO: 1-800-424-9300
INFORMATION PHONE: 1-314-961-3500

PRODUCT: PAO0103F

SARA TITLE III, SECTION 311: HAZARD CATEGORIES (CONT)

category(ies), as provided by SARA Title III, Section 311 and 40
CFR 370, Subpart A, 370.2:

Acute (immediate) health hazard
Fire hazard

SARA TITLE III, SECTION 312 INVENTORY REPORTING INFORMATION

This Petrolite product has the following physical characteristics for any
required reporting on the federal Tier Two form or its equivalent:

MIXTURE
LIQUID

SARA TITLE III, SECTION 313

This Petrolite product contains the following materials which have been
listed as a toxic chemical or chemicals subject to the reporting
requirements of section 313 of Title III of the Superfund Amendments and
Reauthorization Act of 1986 and 40 CFR Part 372:

CHEMICAL	CAS NUMBER	WEIGHT PERCENT
1,2,4-Trimethylbenzene *	95-63-6	1.4 %
Xylene (mixed isomers) *	1330-20-7	3.5 %
Toluene *	108-88-3	45.8 %
* solvent component		

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AND NATURE, INCLUDING THOSE OF MERCHANTABILITY AND OF FITNESS FOR A
PARTICULAR PURPOSE, WITH RESPECT TO THE PRODUCT AND THE INFORMATION
CONTAINED HEREIN OR ANY USE OR RELIANCE THEREON. Petrolite shall
not be responsible for any direct, indirect, incidental or
consequential damage of whatsoever nature resulting from the
publication, use of or reliance upon this information.

MATERIAL SAFETY DATA SHEET

PAGE 1

PETROLITE CORPORATION
369 MARSHALL AVE.
ST. LOUIS MO 63119 U.S.A

REVISION DATE: 12/30/91
EMERGENCY PHONE: 1-314-961-3500
CHEMTREC EMER NO: 1-800-424-9300

SECTION 1 PRODUCT IDENTIFICATION

PRODUCT: PA00108F

TRADE NAME: TRETOLITE

LABEL: 004
000
000

(IF HAZARDOUS PER D.O.T. CFR TITLE 49)

SHIPPING NAME: Flammable Liquid, N.O.S.

HAZARD CLASS: Flammable Liquid

ID#: UN1993

CHEMICAL DESCRIPTION

HIGH MOLECULAR WEIGHT ESTERS, AN ALKYL BENZENE--SULFONIC ACID
AND AN ACYLATED FATTY AMINE IN AROMATIC HYDROCARBONS.

SECTION 2 HAZARDOUS INGREDIENTS

CAS NUMBER	MATERIAL	%	EXPOSURE LIMITS
01330-20-7	Xylene	30-60	ACGIH TLV: 100 ppm OSHA PEL: 100 ppm ACGIH STEL: 150 ppm
64742-94-5	Heavy aromatic naphtha	10-30	RECOMMENDED: 25 ppm
68584-22-5	Alkylbenzene sulfonic acid	5-10	Not Established
68603-63-4	Acylated fatty amine	1-5	Not Established

SECTION 3 PHYSICAL DATA

SPECIFIC GRAVITY (H₂O = 1.0@60 F): 0.881
VAPOR PRESSURE: Not Established

VOLATILITY: Significant
SOL. IN WATER: Insoluble

APPEARANCE AND ODOR: Amber liquid. Aromatic odor.

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 84 F

FLAMMABLE LIMITS: Not Established

FLASH METHOD:

SFCC ASTM D-3828

EXTINGUISHING MEDIA:

Use water spray or fog, alcohol-type foam, dry chemical
or CO₂.

CONTINUED ON PAGE: 2

CONTINUATION OF PA00108F

FIRE FIGHTING PROCEDURES:

Use a self-contained breathing apparatus with full facepiece operated in pressure-demand or other positive pressure mode. Flammable. Cool fire-exposed containers using water spray.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Flammable liquid, vapors of which can form an ignitable mixture with air. Vapors can flow along surfaces to distant ignition sources and flash back.

SECTION 5 HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

INHALATION:

Exposure may result in eye, nose and respiratory irritation, and may produce nausea, headache and dizziness. Prolonged exposures to elevated concentrations may cause weakness and CNS depression. In extreme cases, drowsiness and even loss of consciousness may occur. Chronic effects of repeated exposures to high concentrations may include damage to kidneys and liver.

SKIN AND EYE CONTACT:

Causes mild to moderate irritation on brief skin contact. Prolonged contact with skin will cause moderate to severe irritation or possibly burns where clothing is confined. Repeated or prolonged contact may result in dermatitis due to defatting solvent properties. Contact with eyes will result in moderate to severe irritation, and in extreme cases may result in severe but transient eye injury.

INGESTION:

May cause severe gastrointestinal distress with nausea, vomiting and diarrhea. Aspiration into lungs may cause pulmonary edema and chemical pneumonitis. May be readily absorbed through the gastrointestinal tract.

EMERGENCY AND FIRST AID PROCEDURES:

Wash skin thoroughly with soap and water. If rash or irritation develops, consult a physician. Launder clothing before reuse. If in eyes, irrigate with flowing water immediately and continuously for fifteen minutes. Consult a physician promptly. If inhaled, remove to fresh air. Administer oxygen if necessary. Consult a physician if symptoms persist or exposure was severe.

CONTINUED ON PAGE: 3

CONTINUATION OF PA00108F

Due to possible aspiration into the lungs, DO NOT induce vomiting if ingested. Consult a physician immediately.
NOTE TO PHYSICIAN: Administer activated carbon if indicated.

SECTION 6 REACTIVITY DATA

STABILITY:

Stable under normal conditions of storage and use.

INCOMPATIBILITY:

Keep away from strong oxidizing agents, heat and open flames.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of nitrogen and sulfur.

HAZARDOUS POLYMERIZATION:

Will not occur.

SECTION 7 SPILL AND LEAK PROCEDURES

IF MATERIAL IS SPILLED OR RELEASED:

Small spill - Absorb on paper, cloth or other material.
Large spill - Dike to prevent entering any sewer or waterway. Transfer liquid to a holding container. Cover residue with dirt, or suitable chemical adsorbent. Use personal protective equipment as necessary.

DISPOSAL METHOD:

Place chemical residues and contaminated adsorbent materials into a suitable waste container and take to an approved hazardous waste disposal site. Dispose of all residues in accordance with applicable waste management regulations.

DECONTAMINATION PROCEDURES:

Not appropriate.

SECTION 8 SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

When concentrations exceed the exposure limits specified, use of a NIOSH-approved organic vapor cartridge respirator is recommended. Where the protection factor of the respirator may be exceeded, use of a self-contained breathing unit may be necessary.

CONTINUED ON PAGE: 4

CONTINUATION OF PA00108F

VENTILATION:

General ventilation should be provided to maintain ambient concentrations below nuisance levels. Local ventilation of emission sources may be necessary to maintain ambient concentrations below recommended exposure limits.

PROTECTIVE CLOTHING:

Chemical-resistant gloves and chemical goggles should be used to prevent skin and eye contact.

SECTION 9 SPECIAL PRECAUTIONS

Flammable liquid. Avoid heat, sparks and open flames. Avoid breathing of vapors and contact with eyes, skin or clothing. Keep container closed when not in use. Hazardous product residue may remain in emptied container. Do not reuse empty containers without commercial cleaning or reconditioning.

Although the information and recommendations set forth herein are believed to be correct as of the date hereof, Petrolite makes no representations to the accuracy of such information and recommendations. It is the user's responsibility to determine the suitability and completeness of such information and recommendation for its own particular use. Petrolite shall not be responsible for any direct, indirect, incidental or consequential damages of whatsoever nature resulting from the publication, use of or reliance upon such information and recommendations.

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REVISION DATE: 01/04/93
CHEMTREC EMER NO: 1-800-424-9300
INFORMATION PHONE: 1-314-961-3500

PRODUCT: PA00108F

The following information is provided for the convenience of Petrolite customers. This Environmental Data Sheet is incorporated into the Material Safety Data Sheet (MSDS) for the Petrolite product named above. When physically attached to the MSDS, this Environmental Data Sheet must not be detached from the MSDS. Any copying or redistribution of the MSDS to which this Environmental Data Sheet is attached must include copying and redistribution of this Environmental Data Sheet as well.

Petrolite makes reasonable efforts to assure the accuracy of this information, but makes no representation or warranty about it. This information is not intended as legal advice nor as a definitive guide to the requirements of applicable laws and regulations.

NFPA DESIGNATION 704

PRODUCT LABEL CODES		DEGREE OF HAZARD
HEALTH (BLUE)	= 2	0 = LEAST
FLAMMABILITY (RED)	= 3	1 = SLIGHT
REACTIVITY (YELLOW)	= 0	2 = MODERATE
SPECIAL HAZARDS	=	3 = HIGH
		4 = EXTREME

TSCA INVENTORY

This product, or its components, if a mixture, are on the Toxic Substance Control Act (TSCA) inventory.

ENVIRONMENTAL DATA SHEET

PAGE 2

PETROLITE CORPORATION
369 MARSHALL AVE.
ST. LOUIS MO 63119 U.S.A.

REVISION DATE: 01/04/93
CHEMTREC EMER NO: 1-800-424-9300
INFORMATION PHONE: 1-314-961-3500

PRODUCT: PAO0108F

CERCLA HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES

This Petrolite product contains the following materials which have been listed as a hazardous substance or substances subject to the release reporting requirements of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) and 40 CFR Part 302 and 40 CFR 355.40. The reportable quantities (RQs) are calculated in gallons of product. Each entry corresponds to the RQ, in pounds, of the listed CERCLA hazardous substance.

CHEMICAL	CAS NUMBER	RQ, #	RQ, GAL
Xylene (mixed)	1330-20-7	1,000	255
Ethylbenzene	100-41-4	1,000	1,110
Dodecylbenzenesulfonic acid	27176-87-0	1,000	2,820
Naphthalene	91-20-3	100	9,080
Toluene	108-88-3	1,000	20,000
Cumene	98-82-8	5,000	102,000
Sulfuric acid	7664-93-9	1,000	136,000

SARA TITLE III, EXTREMELY HAZARDOUS SUBSTANCES

This Petrolite product contains the following materials which have been listed as an Extremely Hazardous Substance or Substances subject to the emergency planning provisions of SARA Title III, Section 302 and 40 CFR 355.30, the release reporting requirements of SARA Title III, Section 304 and 40 CFR 355.40, and the hazardous chemical reporting/community right-to-know requirements of SARA Title III, Section 312 and 40 CFR Part 370. The reportable quantities (RQs) and threshold planning quantities (TPQs) are calculated in gallons of product. Each entry corresponds to the RQ or TPQ in pounds, as appropriate, for the listed Extremely Hazardous Substances. No data is given for listed Extremely Hazardous Substances present in concentrations below applicable de minimis levels.

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REVISION DATE: 01/04/93
CHEMTREC EMER NO: 1-800-424-9300
INFORMATION PHONE: 1-314-961-3500

PRODUCT: PA00108F

* * * * *

SARA TITLE III, SECTION 304: RELEASE REPORTING

EXTREMELY HAZARDOUS SUBSTANCE	CAS NUMBER	RQ, #	RQ, GAL
Sulfuric acid	7664-93-9	1,000	136,000

SARA TITLE III, SECTION 311: HAZARD CATEGORIES

This Petrolite product has been assigned to the following hazard category(ies), as provided by SARA Title III, Section 311 and 40 CFR 370, Subpart A, 370.2:

Acute (immediate) health hazard
Fire hazard

SARA TITLE III, SECTION 312 INVENTORY REPORTING INFORMATION

This Petrolite product has the following physical characteristics for any required reporting on the federal Tier Two form or its equivalent:

MIXTURE
LIQUID

SARA TITLE III, SECTION 313

This Petrolite product contains the following materials which have been listed as a toxic chemical or chemicals subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

CHEMICAL	CAS NUMBER	WEIGHT PERCENT
Xylene (mixed isomers) *	1330-20-7	53.5 %
Ethylbenzene *	100-41-4	12.3 %
1,2,4-Trimethylbenzene *	95-63-6	8.9 %
* solvent component		

ENVIRONMENTAL DATA SHEET

PAGE 4

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ST. LOUIS MO 63119 U.S.A.

REVISION DATE: 01/04/93
CHEMTREC EMER NO: 1-800-424-9300
INFORMATION PHONE: 1-314-961-3500

PRODUCT: PAO0108F

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MATERIAL SAFETY DATA SHEET

PAGE 1

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REVISION DATE: 06/12/91
EMERGENCY PHONE: 1-314-961-3500
CHEMTREC EMER NO: 1-800-424-9300

SECTION 1 PRODUCT IDENTIFICATION

PRODUCT: XC 0307

TRADE NAME: X-CIDE

LABEL: 062
000
097

(IF HAZARDOUS PER D.O.T. CFR TITLE 49)

SHIPPING NAME: Flammable Liquid, N.O.S.

HAZARD CLASS: Flammable Liquid

ID#: UN1993

CHEMICAL DESCRIPTION

OXYDIETHYLENE BIS (ALKYL DIMETHYL AMMONIUM CHLORIDE) IN
METHANOL AND WATER.

SECTION 2 HAZARDOUS INGREDIENTS

CAS NUMBER	MATERIAL	%	EXPOSURE LIMITS
68607-28-3	Oxydiethylene bis(alkyl dimethylammonium chloride)	18	Not Established
00067-56-1	Methanol	30-60	ACGIH TLV: 200ppm TWA OSHA PEL: 200ppm TWA ACGIH STEL: 250 ppm

SECTION 3 PHYSICAL DATA

SPECIFIC GRAVITY(H₂O = 1.0@60 F): 0.941
VAPOR PRESSURE: Not Established

VOLATILITY: Moderate
SOL. IN WATER: Soluble

APPEARANCE AND ODOR: Yellow liquid. Alcohol odor.

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 86 F

FLAMMABLE LIMITS: Not Established

FLASH METHOD:

SFCC ASTM D-3828

EXTINGUISHING MEDIA:

Use water spray or fog, alcohol-type foam, dry chemical
or CO₂.

CONTINUED ON PAGE: 2

***CONTINUATION OF XC 0307 ***

FIRE FIGHTING PROCEDURES:

Use a self-contained breathing apparatus with full facepiece operated in pressure-demand or other positive pressure mode. Flammable. Cool fire-exposed containers using water spray.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Flammable liquid, vapors of which can form an ignitable mixture with air. Vapors can flow along surfaces to distant ignition sources and flash back.

SECTION 5 HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

INHALATION:

Prolonged exposure to methanol vapor may cause shortness of breath and a sense of drunkenness. In extreme cases, ocular damage and visual disturbances may occur. Inhalation of mists or exposure to very high vapor concentrations may cause extreme eye, nose and respiratory irritation, and may result in lung damage. Prolonged over-exposure may result in chemical pneumonitis and systemic effects.

SKIN AND EYE CONTACT:

Contact with skin will cause moderate to severe irritation or burns. Repeated or prolonged contact may result in absorption of toxic quantities. Contact with eyes will result in severe eye irritation or burns and, if not immediately removed, may lead to permanent eye damage. Systemic effects resulting from repeated or prolonged skin absorption may include kidney and liver injury as well as other organ damage.

EYE IRR. SCORE: 4 (0=None, 4=Severe)

INGESTION:

Harmful if swallowed. May cause headache, gastrointestinal disturbances, dizziness, and nausea. May result in irritation or burns of mouth and digestive tract. Ingestion of methanol may result in a feeling of intoxication and can cause visual disturbances and, in extreme cases, ocular damage.

EMERGENCY AND FIRST AID PROCEDURES:

If contacted, wash skin immediately with soap and water. Remove contaminated clothing and wash before reuse. If irritation or burns develop, consult a physician. If in eyes, irrigate with flowing water immediately and continuously for fifteen minutes. Consult a physician.

CONTINUED ON PAGE: 3

***CONTINUATION OF XC 0307 ***

If inhaled, remove to fresh air. Administer oxygen if necessary. Consult a physician if symptoms persist or exposure was severe.
If ingested, DO NOT induce vomiting. If conscious, drink promptly large quantities of water. Call a physician immediately. NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock and convulsion may be necessary.

SECTION 6 REACTIVITY DATA

STABILITY:

Stable under normal conditions of storage and use.

INCOMPATIBILITY:

Keep away from strong oxidizing agents, heat and open flames.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of nitrogen. HCl.

HAZARDOUS POLYMERIZATION:

Will not occur.

SECTION 7 SPILL AND LEAK PROCEDURES

IF MATERIAL IS SPILLED OR RELEASED:

Small spill - Absorb on paper, cloth or other material.
Large spill - Dike to prevent entering any sewer or waterway. Transfer liquid to a holding container. Cover residue with dirt, or suitable chemical adsorbent. Use personal protective equipment as necessary.

DISPOSAL METHOD:

This product is a registered industrial antimicrobial product. Please refer to product label for disposal instructions.

DECONTAMINATION PROCEDURES:

Not appropriate.

SECTION 8 SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

When concentrations exceed the exposure limits specified, use of a NIOSH-approved supplied air respirator is recommended. Where the protection factor of the respirator may be exceeded, use of a self-contained breathing unit may be necessary.

CONTINUED ON PAGE: 4

***CONTINUATION OF XC 0307 ***

VENTILATION:

General ventilation should be provided to maintain ambient concentrations below nuisance levels. Local ventilation of emission sources may be necessary to maintain ambient concentrations below recommended exposure limits.

PROTECTIVE CLOTHING:

Chemical-resistant gloves and chemical goggles, face shield and synthetic apron or coveralls should be used to prevent contact with eyes, skin or clothing.

SECTION 9 SPECIAL PRECAUTIONS

Flammable liquid. Avoid heat, sparks and open flames. Avoid breathing of vapors and contact with eyes, skin or clothing. Keep container closed when not in use. Hazardous product residue may remain in emptied container. Do not reuse empty containers without commercial cleaning or reconditioning. This product is a registered industrial antimicrobial product. Please refer to the product label for drum cleaning instructions.

Although the information and recommendations set forth herein are believed to be correct as of the date hereof, Petrolite makes no representations to the accuracy of such information and recommendations. It is the user's responsibility to determine the suitability and completeness of such information and recommendation for its own particular use. Petrolite shall not be responsible for any direct, indirect, incidental or consequential damages of whatsoever nature resulting from the publication, use of or reliance upon such information and recommendations.

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REVISION DATE: 01/04/93
CHEMTREC EMER NO: 1-800-424-9300
INFORMATION PHONE: 1-314-961-3500

PRODUCT: XC 0307

The following information is provided for the convenience of Petrolite customers. This Environmental Data Sheet is incorporated into the Material Safety Data Sheet (MSDS) for the Petrolite product named above. When physically attached to the MSDS, this Environmental Data Sheet must not be detached from the MSDS. Any copying or redistribution of the MSDS to which this Environmental Data Sheet is attached must include copying and redistribution of this Environmental Data Sheet as well.

Petrolite makes reasonable efforts to assure the accuracy of this information, but makes no representation or warranty about it. This information is not intended as legal advice nor as a definitive guide to the requirements of applicable laws and regulations.

NFPA DESIGNATION 704

PRODUCT LABEL CODES

DEGREE OF HAZARD

HEALTH (BLUE) = 3
FLAMMABILITY (RED) = 3
REACTIVITY (YELLOW) = 0
SPECIAL HAZARDS = COR

0 = LEAST
1 = SLIGHT
2 = MODERATE
3 = HIGH
4 = EXTREME

TSCA INVENTORY

This product, or its components, if a mixture, are on the Toxic Substance Control Act (TSCA) inventory.

ENVIRONMENTAL DATA SHEET

PAGE 2

PETROLITE CORPORATION
369 MARSHALL AVE.
ST. LOUIS MO 63119 U.S.A.

REVISION DATE: 01/04/93
CHEMTREC EMER NO: 1-800-424-9300
INFORMATION PHONE: 1-314-961-3500

PRODUCT: XC 0307

CERCLA HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES

This Petrolite product contains the following materials which have been listed as a hazardous substance or substances subject to the release reporting requirements of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) and 40 CFR Part 302 and 40 CFR 355.40. The reportable quantities (RQs) are calculated in gallons of product. Each entry corresponds to the RQ, in pounds, of the listed CERCLA hazardous substance.

CHEMICAL	CAS NUMBER	RQ, #	RQ, GAL
Methanol	67-56-1	5,000	2,020

SARA TITLE III, EXTREMELY HAZARDOUS SUBSTANCES

This Petrolite product contains the following materials which have been listed as an Extremely Hazardous Substance or Substances subject to the emergency planning provisions of SARA Title III, Section 302 and 40 CFR 355.30, the release reporting requirements of SARA Title III, Section 304 and 40 CFR 355.40, and the hazardous chemical reporting/community right-to-know requirements of SARA Title III, Section 312 and 40 CFR Part 370. The reportable quantities (RQs) and threshold planning quantities (TPQs) are calculated in gallons of product. Each entry corresponds to the RQ or TPQ in pounds, as appropriate, for the listed Extremely Hazardous Substances. No data is given for listed Extremely Hazardous Substances present in concentrations below applicable de minimis levels.

**** NONE ****

SARA TITLE III, SECTION 311: HAZARD CATEGORIES

This Petrolite product has been assigned to the following hazard category(ies), as provided by SARA Title III, Section 311 and 40 CFR 370, Subpart A, 370.2:

Acute (immediate) health hazard

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REVISION DATE: 01/04/93
CHEMTREC EMER NO: 1-800-424-9300
INFORMATION PHONE: 1-314-961-3500

PRODUCT: XC 0307

SARA TITLE III, SECTION 311: HAZARD CATEGORIES (CONT)

Fire hazard

SARA TITLE III, SECTION 312 INVENTORY REPORTING INFORMATION

This Petrolite product has the following physical characteristics for any required reporting on the federal Tier Two form or its equivalent:

MIXTURE

LIQUID

SARA TITLE III, SECTION 313

This Petrolite product contains the following materials which have been listed as a toxic chemical or chemicals subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

CHEMICAL

CAS NUMBER

WEIGHT PERCENT

Methanol

67-56-1

31.7 %

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MATERIAL SAFETY DATA SHEET

PAGE 1

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REVISION DATE: 09/29/92
EMERGENCY PHONE: 1-314-961-3500
CHEMTREC EMER NO: 1-800-424-9300

SECTION 1 PRODUCT IDENTIFICATION

PRODUCT: XC 0320

TRADE NAME: X-CIDE

LABEL: 065

(IF HAZARDOUS PER D.O.T. CFR TITLE 49)

SHIPPING NAME: Flammable Liquid, Corrosive, N.O.S.

HAZARD CLASS: Flammable Liquid

ID#: UN2924

CHEMICAL DESCRIPTION

ALKYL-1,3-PROPYLENE DIAMINE ACETATES IN ISOPROPANOL, GLYCOLS
AND WATER.

SECTION 2 HAZARDOUS INGREDIENTS

CAS NUMBER	MATERIAL	%	EXPOSURE LIMITS
61791-64-8	Alkyl-1,3 propylene diamine acetates	42.41	Not Established
00067-63-0	Isopropanol	10-30	ACGIH TLV: 400ppm TWA OSHA PEL: 400ppm TWA ACGIH STEL: 500 ppm

SECTION 3 PHYSICAL DATA

SPECIFIC GRAVITY(H₂O = 1.0@60 F): 0.946

VOLATILITY: 25

VAPOR PRESSURE: Not Established

SOL. IN WATER: Soluble

APPEARANCE AND ODOR: Amber liquid. Alcohol odor.

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 73 F

FLAMMABLE LIMITS: Not Established

FLASH METHOD:

SFCC ASTM D-3828

EXTINGUISHING MEDIA:

Use water spray or fog, alcohol-type foam, dry chemical
or CO₂.

FIRE FIGHTING PROCEDURES:

Use a self-contained breathing apparatus with full facepiece
operated in pressure-demand or other positive pressure mode.

CONTINUED ON PAGE: 2

***CONTINUATION OF XC 0320 ***

Flammable. Cool fire-exposed containers using water spray.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Flammable liquid, vapors of which can form an ignitable mixture with air. Vapors can flow along surfaces to distant ignition sources and flash back.

SECTION 5 HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

INHALATION:

Inhalation of mists, aerosols or very high vapor concentrations will produce intense eye, nose and respiratory irritation and may result in lung damage. Prolonged exposure may result in chemical pneumonitis and, in extreme cases, pulmonary edema.

SKIN AND EYE CONTACT:

Corrosive! Contact with skin will produce severe irritation or burns with possible in-depth injury. Contact with eyes will result in severe eye irritation or burns and, if not immediately removed, may lead to permanent eye damage.

EYE IRR. SCORE: 4 (0=None, 4=Severe)

SKIN IRR SCORE: 3 (0=None, 4=Severe)

DERMAL LD50: .2-2 g/kg (rbt)

INGESTION:

Corrosive! Causes severe irritation or burns to the mouth and gastrointestinal tract. In extreme cases may cause kidney and liver damage.

ORAL LD50: .33 g/kg (Rat)

EMERGENCY AND FIRST AID PROCEDURES:

If inhaled, remove to fresh air. Administer oxygen if necessary. Consult a physician if symptoms persist or exposure was severe.
If contacted, wash skin immediately with soap and water. Remove contaminated clothing and wash before reuse. If irritation or burns develop, consult a physician. If in eyes, irrigate with flowing water immediately and continuously for fifteen minutes. Consult a physician.
If ingested, DO NOT induce vomiting. If conscious, drink promptly large quantities of water. Call a physician immediately. NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock and convulsion may be necessary.

CONTINUED ON PAGE: 3

MATERIAL SAFETY DATA SHEET

PAGE 3

***CONTINUATION OF XC 0320 ***

SECTION 6 REACTIVITY DATA

STABILITY:

Stable under normal conditions of storage and use.

INCOMPATIBILITY:

Keep away from strong oxidizing agents, heat and open flames.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of nitrogen.

HAZARDOUS POLYMERIZATION:

Will not occur.

SECTION 7 SPILL AND LEAK PROCEDURES

IF MATERIAL IS SPILLED OR RELEASED:

Small spill - Absorb on paper, cloth or other material.
Large spill - Dike to prevent entering any sewer or waterway. Transfer liquid to a holding container. Cover residue with dirt, or suitable chemical adsorbent. Use personal protective equipment as necessary.

DISPOSAL METHOD:

This product is a registered industrial antimicrobial product. Please refer to product label for disposal instructions.

DECONTAMINATION PROCEDURES:

Not appropriate.

SECTION 8 SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

When concentrations exceed the exposure limits specified, use of a NIOSH-approved organic vapor cartridge respirator with full facepiece is recommended. Where the protection factor of the respirator may be exceeded, use of a self-contained breathing unit may be necessary.

VENTILATION:

General ventilation should be provided to maintain ambient concentrations below nuisance levels. Local ventilation of emission sources may be necessary to maintain ambient concentrations below recommended exposure limits.

CONTINUED ON PAGE: 4

***CONTINUATION OF XC 0320 ***

PROTECTIVE CLOTHING:

Chemical-resistant gloves and chemical goggles, face shield and synthetic apron or coveralls should be used to prevent contact with eyes, skin or clothing.

SECTION 9 SPECIAL PRECAUTIONS

Flammable liquid. Avoid heat, sparks and open flames. Avoid breathing of vapors and contact with eyes, skin or clothing. Keep container closed when not in use. Hazardous product residue may remain in emptied container. Do not reuse empty containers without commercial cleaning or reconditioning. This product is a registered industrial antimicrobial product. Please refer to the product label for drum cleaning instructions.

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ENVIRONMENTAL DATA SHEET

PAGE 1

PETROLITE CORPORATION
369 MARSHALL AVE.
ST. LOUIS MO 63119 U.S.A.

REVISION DATE: 01/04/93
CHEMTREC EMER NO: 1-800-424-9300
INFORMATION PHONE: 1-314-961-3500

PRODUCT: XC 0320

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Petrolite makes reasonable efforts to assure the accuracy of this information, but makes no representation or warranty about it. This information is not intended as legal advice nor as a definitive guide to the requirements of applicable laws and regulations.

NFPA DESIGNATION 704

PRODUCT LABEL CODES

DEGREE OF HAZARD

HEALTH (BLUE) = 3
FLAMMABILITY (RED) = 3
REACTIVITY (YELLOW) = 0
SPECIAL HAZARDS = COR

0 = LEAST
1 = SLIGHT
2 = MODERATE
3 = HIGH
4 = EXTREME

TSCA INVENTORY

This product, or its components, if a mixture, are on the Toxic Substance Control Act (TSCA) inventory.

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369 MARSHALL AVE.
ST. LOUIS MO 63119 U.S.A.

REVISION DATE: 01/04/93
CHEMTREC EMER NO: 1-800-424-9300
INFORMATION PHONE: 1-314-961-3500

PRODUCT: XC 0320

CERCLA HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES

This Petrolite product contains the following materials which have been listed as a hazardous substance or substances subject to the release reporting requirements of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) and 40 CFR Part 302 and 40 CFR 355.40. The reportable quantities (RQs) are calculated in gallons of product. Each entry corresponds to the RQ, in pounds, of the listed CERCLA hazardous substance.

**** NONE ****

SARA TITLE III, EXTREMELY HAZARDOUS SUBSTANCES

This Petrolite product contains the following materials which have been listed as an Extremely Hazardous Substance or Substances subject to the emergency planning provisions of SARA Title III, Section 302 and 40 CFR 355.30, the release reporting requirements of SARA Title III, Section 304 and 40 CFR 355.40, and the hazardous chemical reporting/community right-to-know requirements of SARA Title III, Section 312 and 40 CFR Part 370. The reportable quantities (RQs) and threshold planning quantities (TPQs) are calculated in gallons of product. Each entry corresponds to the RQ or TPQ in pounds, as appropriate, for the listed Extremely Hazardous Substances. No data is given for listed Extremely Hazardous Substances present in concentrations below applicable de minimis levels.

**** NONE ****

SARA TITLE III, SECTION 311: HAZARD CATEGORIES

This Petrolite product has been assigned to the following hazard category(ies), as provided by SARA Title III, Section 311 and 40 CFR 370, Subpart A, 370.2:

Acute (immediate) health hazard
Fire hazard

ENVIRONMENTAL DATA SHEET

PAGE 3

PETROLITE CORPORATION
369 MARSHALL AVE.
ST. LOUIS MO 63119 U.S.A.

REVISION DATE: 01/04/93
CHEMTREC EMER NO: 1-800-424-9300
INFORMATION PHONE: 1-314-961-3500

PRODUCT: XC 0320

SARA TITLE III, SECTION 312 INVENTORY REPORTING INFORMATION

This Petrolite product has the following physical characteristics for any required reporting on the federal Tier Two form or its equivalent:

MIXTURE
LIQUID

SARA TITLE III, SECTION 313

This Petrolite product contains the following materials which have been listed as a toxic chemical or chemicals subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

**** NONE ****

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ST. LOUIS MO 63119 U.S.A

REVISION DATE: 07/08/91
EMERGENCY PHONE: 1-314-961-3500
CHEMTREC EMER NO: 1-800-424-9300

SECTION 1 PRODUCT IDENTIFICATION

PRODUCT: XC 0370

TRADE NAME: X-CIDE

LABEL: 004

097

(IF HAZARDOUS PER D.O.T. CFR TITLE 49)

SHIPPING NAME: Flammable Liquid, N.O.S.

HAZARD CLASS: Flammable Liquid

ID#: UN1993

CHEMICAL DESCRIPTION

OXYDIETHYLENE BIS (ALKYL DIMETHYL AMMONIUM CHLORIDE) IN
METHANOL AND WATER.

SECTION 2 HAZARDOUS INGREDIENTS

CAS NUMBER	MATERIAL	%	EXPOSURE LIMITS
00067-56-1	Methanol	30-60	ACGIH TLV: 200ppm TWA OSHA PEL: 200ppm TWA ACGIH STEL: 250 ppm
68607-28-3	Oxydiethylene bis(alkyl dimethylammonium chloride)	36	Not Established

SECTION 3 PHYSICAL DATA

SPECIFIC GRAVITY(H₂O = 1.0@60 F): 0.924

VOLATILITY: Significant

VAPOR PRESSURE: Not Established

SOL. IN WATER: Soluble

APPEARANCE AND ODOR: Yellow colored liquid. Alcohol odor.

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 76 F

FLAMMABLE LIMITS: Not Established

FLASH METHOD:

SFCC ASTM D-3828

EXTINGUISHING MEDIA:

Use water spray or fog, alcohol-type foam, dry chemical
or CO₂.

CONTINUED ON PAGE: 2

***CONTINUATION OF XC 0370 ***

FIRE FIGHTING PROCEDURES:

Use a self-contained breathing apparatus with full facepiece operated in pressure-demand or other positive pressure mode. Flammable. Cool fire-exposed containers using water spray.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Flammable liquid, vapors of which can form an ignitable mixture with air. Vapors can flow along surfaces to distant ignition sources and flash back.

SECTION 5 HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

INHALATION:

Prolonged exposure may cause mild irritation of mucous membranes, headache and tiredness. At elevated concentrations, symptoms may include nausea, shortness of breath and a sense of drunkenness. In extreme cases, visual disturbances and ocular damage may occur. Inhalation of mists or exposure to very high vapor concentrations may cause extreme eye, nose and respiratory irritation, and may result in lung damage. Prolonged over-exposure may result in chemical pneumonitis and systemic effects.

INHALATION LC50: 1.05 mg/l (Rat)

SKIN AND EYE CONTACT:

Contact with eyes is corrosive and results in burns and leads to permanent eye damage. Contact with the skin causes mild to moderate irritation. Systemic effects resulting from repeated or prolonged skin absorption may include kidney and liver injury as well as other organ damage.

EYE IRR. SCORE: 4 0=None,4=Corrosive

SKIN IRR SCORE: 2 0=None,4=Corrosive

DERMAL LD50: 9.7 g/kg (Rab.)

INGESTION:

Harmful if swallowed. May cause headache, gastrointestinal disturbances, dizziness, and nausea. May result in irritation or burns of mouth and digestive tract. Ingestion of methanol may result in a feeling of intoxication and can cause visual disturbances and, in extreme cases, ocular damage.

CONTINUED ON PAGE: 3

***CONTINUATION OF XC 0370 ***

ORAL LD50: 1.7 g/kg (Rat)

EMERGENCY AND FIRST AID PROCEDURES:

If contacted, wash skin immediately with soap and water. Remove contaminated clothing and wash before reuse. If irritation or burns develop, consult a physician. If in eyes, irrigate with flowing water immediately and continuously for fifteen minutes. Consult a physician. If ingested, DO NOT induce vomiting. If conscious, drink promptly large quantities of water. Call a physician immediately. NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock and convulsion may be necessary. If inhaled, remove to fresh air. Administer oxygen if necessary. Consult a physician if symptoms persist or exposure was severe.

SECTION 6 REACTIVITY DATA

STABILITY:

Stable under normal conditions of storage and use.

INCOMPATIBILITY:

Keep away from strong oxidizing agents, heat and open flames.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of nitrogen. Hydrochloric acid.

HAZARDOUS POLYMERIZATION:

Will not occur.

SECTION 7 SPILL AND LEAK PROCEDURES

IF MATERIAL IS SPILLED OR RELEASED:

Small spill - Absorb on paper, cloth or other material.
Large spill - Dike to prevent entering any sewer or waterway. Transfer liquid to a holding container. Cover residue with dirt, or suitable chemical adsorbent. Use personal protective equipment as necessary.

DISPOSAL METHOD:

This product is a registered industrial antimicrobial product. Please refer to product label for disposal instructions.

CONTINUED ON PAGE: 4

***CONTINUATION OF XC 0370 ***

DECONTAMINATION PROCEDURES:

Not appropriate.

SECTION 8 SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

When concentrations exceed the exposure limits specified, use of a NIOSH-approved supplied air respirator is recommended. Where the protection factor of the respirator may be exceeded, use of a self-contained breathing unit may be necessary.

VENTILATION:

General ventilation should be provided to maintain ambient concentrations below nuisance levels. Local ventilation of emission sources may be necessary to maintain ambient concentrations below recommended exposure limits.

PROTECTIVE CLOTHING:

Chemical-resistant gloves and chemical goggles, face shield and synthetic apron or coveralls should be used to prevent contact with eyes, skin or clothing.

SECTION 9 SPECIAL PRECAUTIONS

Flammable liquid. Avoid heat, sparks and open flames. Avoid breathing of vapors and contact with eyes, skin or clothing. Keep container closed when not in use. Hazardous product residue may remain in emptied container. Do not reuse empty containers without commercial cleaning or reconditioning. This product is a registered industrial antimicrobial product. Please refer to the product label for drum cleaning instructions.

Although the information and recommendations set forth herein are believed to be correct as of the date hereof, Petrolite makes no representations to the accuracy of such information and recommendations. It is the user's responsibility to determine the suitability and completeness of such information and recommendation for its own particular use. Petrolite shall not be responsible for any direct, indirect, incidental or consequential damages of whatsoever nature resulting from the publication, use of or reliance upon such information and recommendations.

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ENVIRONMENTAL DATA SHEET

PAGE 1

PETROLITE CORPORATION
369 MARSHALL AVE.
ST. LOUIS MO 63119 U.S.A.

REVISION DATE: 01/04/93
CHEMTREC EMER NO: 1-800-424-9300
INFORMATION PHONE: 1-314-961-3500

PRODUCT: XC 0370

The following information is provided for the convenience of Petrolite customers. This Environmental Data Sheet is incorporated into the Material Safety Data Sheet (MSDS) for the Petrolite product named above. When physically attached to the MSDS, this Environmental Data Sheet must not be detached from the MSDS. Any copying or redistribution of the MSDS to which this Environmental Data Sheet is attached must include copying and redistribution of this Environmental Data Sheet as well.

Petrolite makes reasonable efforts to assure the accuracy of this information, but makes no representation or warranty about it. This information is not intended as legal advice nor as a definitive guide to the requirements of applicable laws and regulations.

NFPA DESIGNATION 704

PRODUCT LABEL CODES		DEGREE OF HAZARD
HEALTH (BLUE)	= 3	0 = LEAST
FLAMMABILITY (RED)	= 3	1 = SLIGHT
REACTIVITY (YELLOW)	= 0	2 = MODERATE
SPECIAL HAZARDS	= COR	3 = HIGH
		4 = EXTREME

TSCA INVENTORY

This product, or its components, if a mixture, are on the Toxic Substance Control Act (TSCA) inventory.

PETROLITE CORPORATION
369 MARSHALL AVE.
ST. LOUIS MO 63119 U.S.A.

REVISION DATE: 01/04/93
CHEMTREC EMER NO: 1-800-424-9300
INFORMATION PHONE: 1-314-961-3500

PRODUCT: XC 0370

CERCLA HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES

This Petrolite product contains the following materials which have been listed as a hazardous substance or substances subject to the release reporting requirements of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) and 40 CFR Part 302 and 40 CFR 355.40. The reportable quantities (RQs) are calculated in gallons of product. Each entry corresponds to the RQ, in pounds, of the listed CERCLA hazardous substance.

CHEMICAL	CAS NUMBER	RQ, #	RQ, GAL
Methanol	67-56-1	5,000	1,960

SARA TITLE III, EXTREMELY HAZARDOUS SUBSTANCES

This Petrolite product contains the following materials which have been listed as an Extremely Hazardous Substance or Substances subject to the emergency planning provisions of SARA Title III, Section 302 and 40 CFR 355.30, the release reporting requirements of SARA Title III, Section 304 and 40 CFR 355.40, and the hazardous chemical reporting/community right-to-know requirements of SARA Title III, Section 312 and 40 CFR Part 370. The reportable quantities (RQs) and threshold planning quantities (TPQs) are calculated in gallons of product. Each entry corresponds to the RQ or TPQ in pounds, as appropriate, for the listed Extremely Hazardous Substances. No data is given for listed Extremely Hazardous Substances present in concentrations below applicable de minimis levels.

**** NONE ****

SARA TITLE III, SECTION 311: HAZARD CATEGORIES

This Petrolite product has been assigned to the following hazard category(ies), as provided by SARA Title III, Section 311 and 40 CFR 370, Subpart A, 370.2:

Acute (immediate) health hazard

PETROLITE CORPORATION
369 MARSHALL AVE.
ST. LOUIS MO 63119 U.S.A.

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INFORMATION PHONE: 1-314-961-3500

PRODUCT: XC 0370

SARA TITLE III, SECTION 311: HAZARD CATEGORIES (CONT)

Fire hazard

SARA TITLE III, SECTION 312 INVENTORY REPORTING INFORMATION

This Petrolite product has the following physical characteristics for any required reporting on the federal Tier Two form or its equivalent:

MIXTURE
LIQUID

SARA TITLE III, SECTION 313

This Petrolite product contains the following materials which have been listed as a toxic chemical or chemicals subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

CHEMICAL	CAS NUMBER	WEIGHT PERCENT
Methanol	67-56-1	33.3 %

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50 YEARS



TONEY ANAYA
GOVERNOR

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

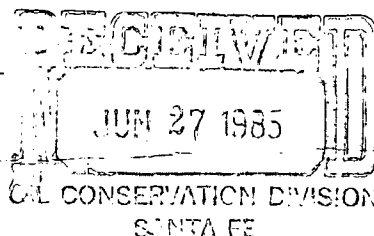


1935 - 1985

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

June 4, 1985

Tretolite Co.
108 W. Apache
Farmington, NM 87401



Dear Sir:

In response to recent events, the Oil Conservation Division is conducting a survey of well service companies operating within the State. A response to this survey is required to establish the gravity of potential pollution problems in the field.

Please check the appropriate categories describing operations at your facilities and fill-in blanks with short one or two word answers. A long, detailed description of company activities is not required at this time.

This survey is part of the OCD regulatory duties and responsibilities and it will be used to assess activities statewide. A response to this questionnaire is requested within 30 days; your full cooperation is appreciated in this matter.

If there are any questions or more information is necessary, please call Jami Bailey in Santa Fe at (505) 827-5884.

Sincerely,

A handwritten signature in cursive script, appearing to read "R. L. Stamets".

R. L. STAMETS,
Director

RLS/JB/dp

Enc.

cc: OCD District Office

WELL SERVICE COMPANIES
QUESTIONNAIRE

Check one or more, as applicable.

I. Types of Services Performed:

- ☐ Vacuum Hauling/Tank Cleaning
- ☐ Acidizing
- ☐ Fracturing
- ☐ Cementing
- ☐ Drilling mud/additives
- ☒ Other (Specify)

Producing well treating for corrosion, scale, paraffin

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

- | | Quantity (bbls.) |
|--|------------------|
| <input type="checkbox"/> Acids | _____ |
| <input type="checkbox"/> Brines | _____ |
| <input type="checkbox"/> Caustics | _____ |
| <input type="checkbox"/> Drilling Mud/Additives | _____ |
| <input checked="" type="checkbox"/> Corrosion Inhibitors | _____ |
| <input checked="" type="checkbox"/> Surfactants/Polymers | _____ |
| <input type="checkbox"/> Shale Control Inhibitors | _____ |
| <input type="checkbox"/> Radioactive Tracers Returned
from Wellbores or Pipelines | _____ |
| <input type="checkbox"/> Oxygen Scavengers | _____ |
| <input type="checkbox"/> Waste Oil | _____ |
| <input type="checkbox"/> Produced Water | _____ |
| <input type="checkbox"/> Other (Specify) | _____ |

*Net mud
additives*

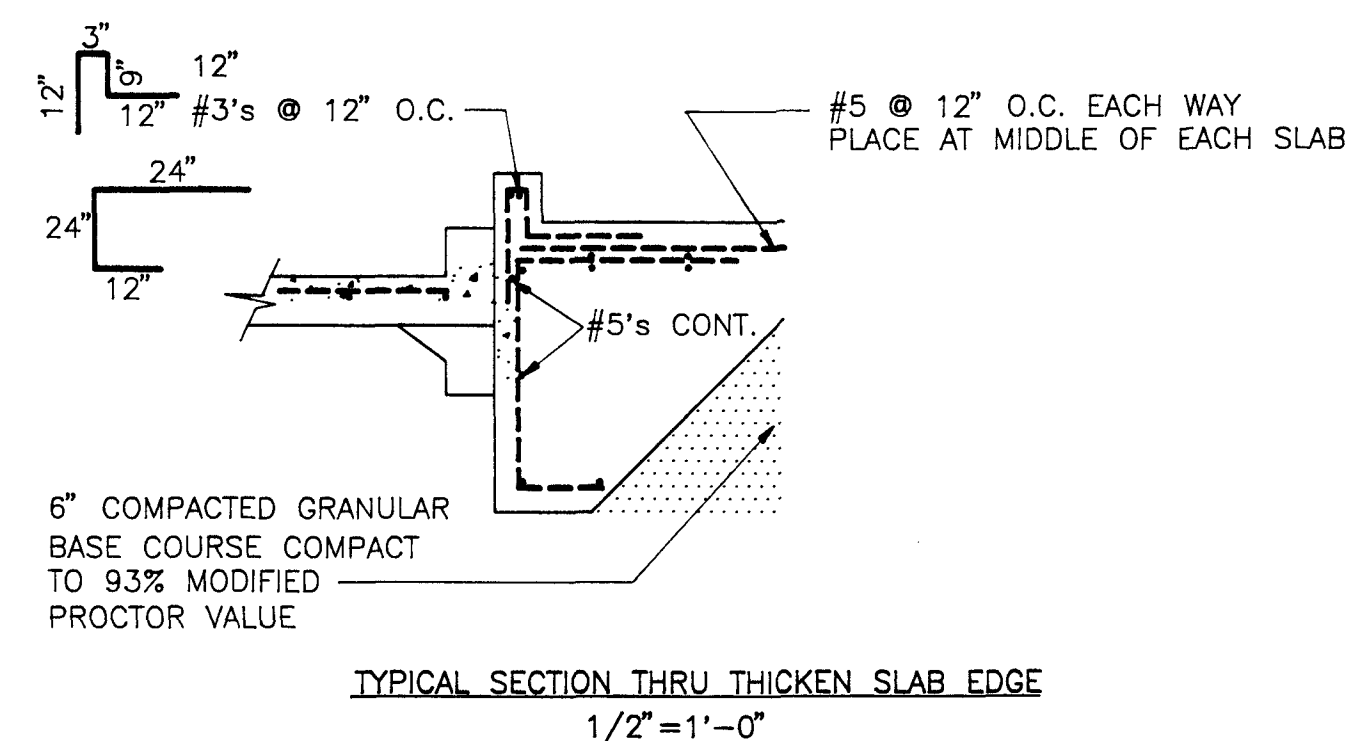
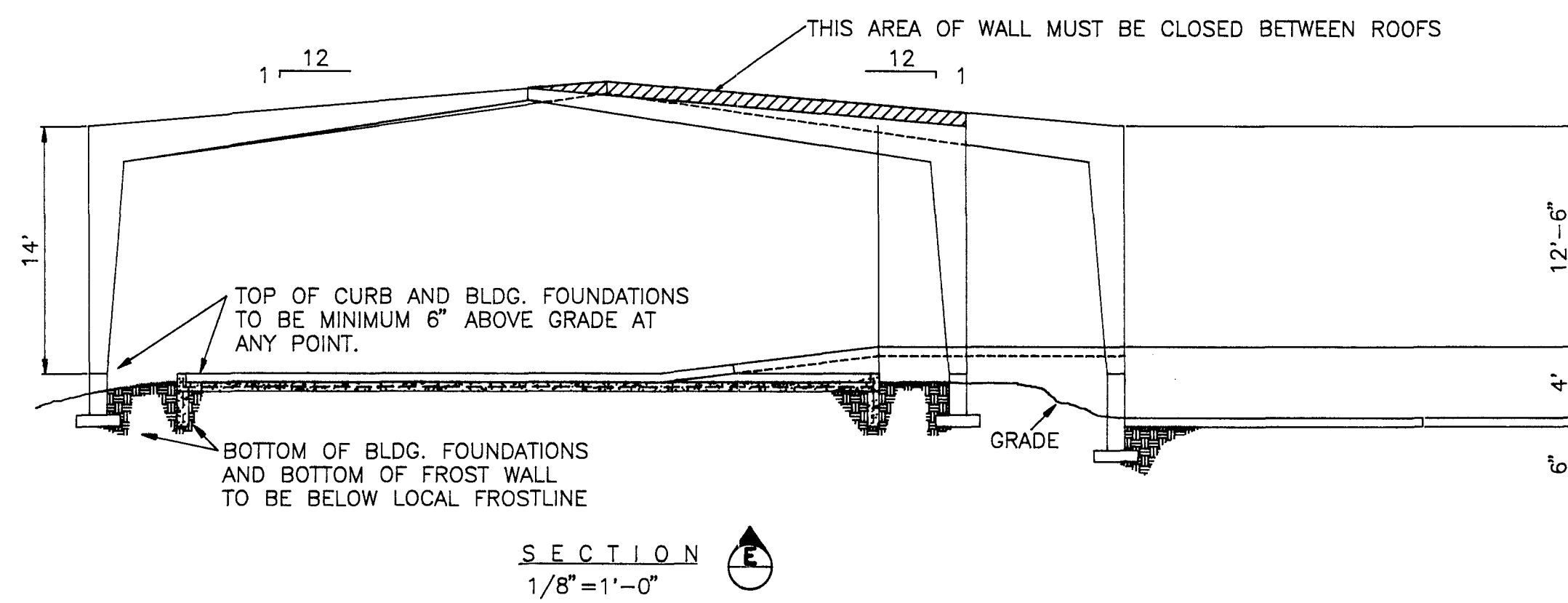
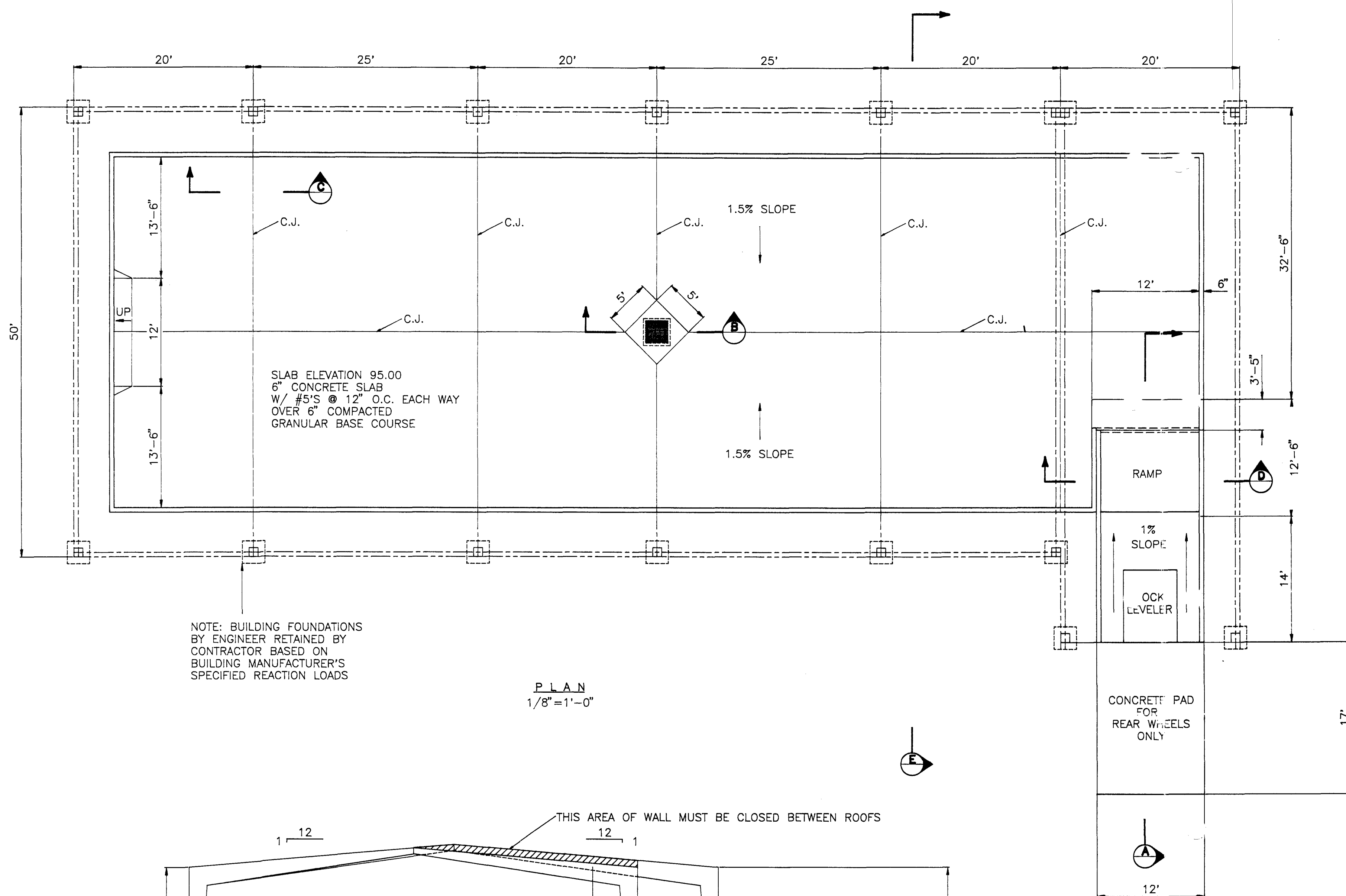
*Downhole treatments
to producing
wells*

*Total of 851
drums in
1984*

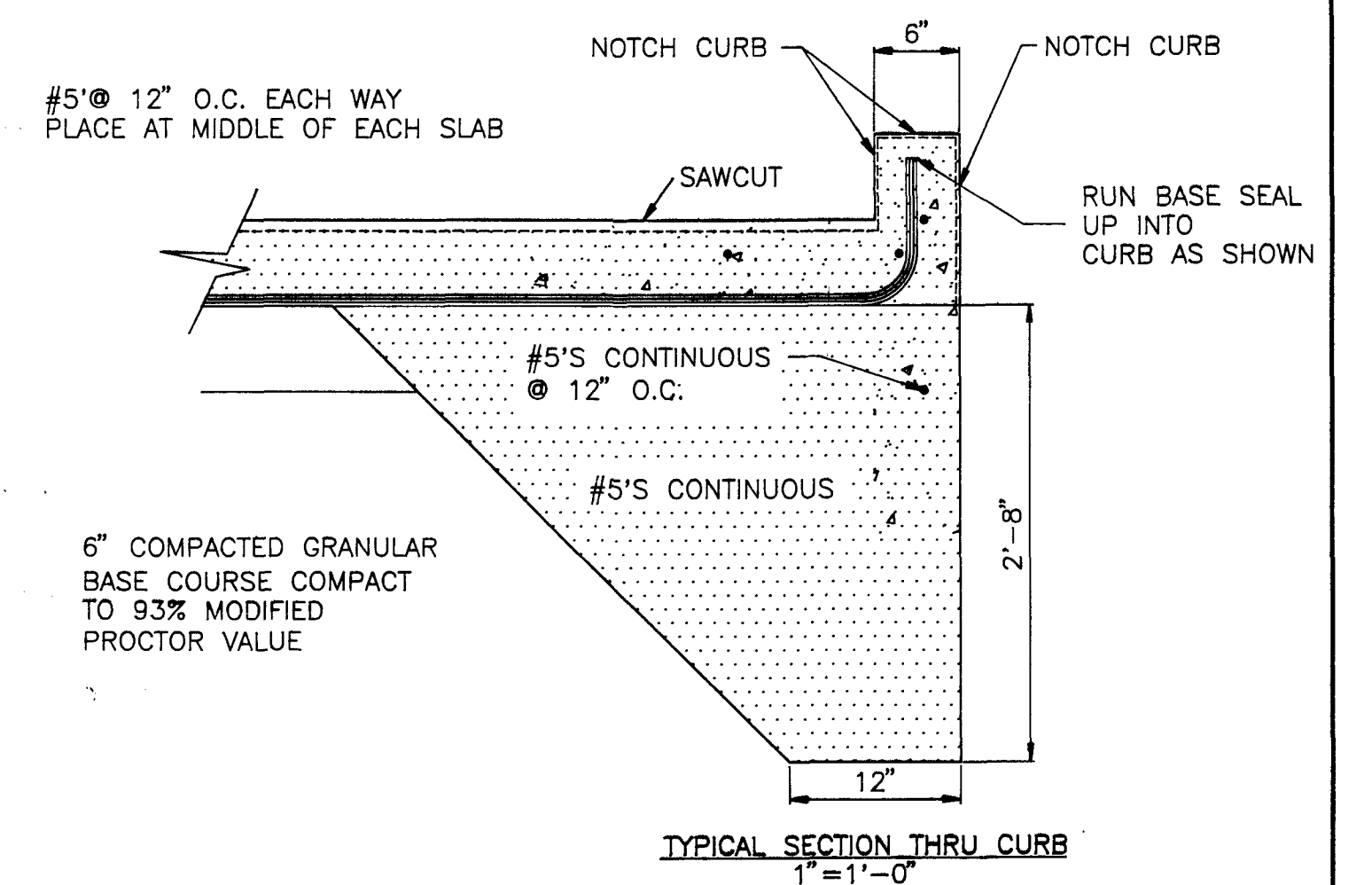
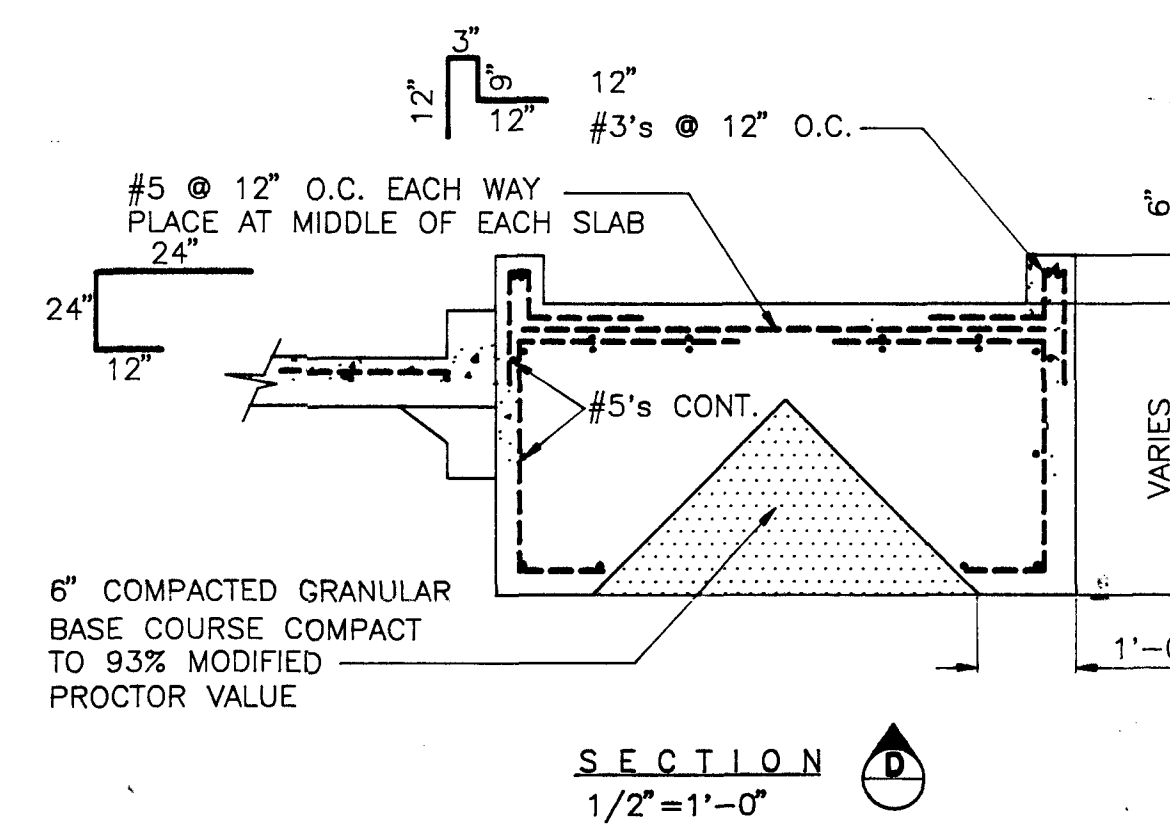
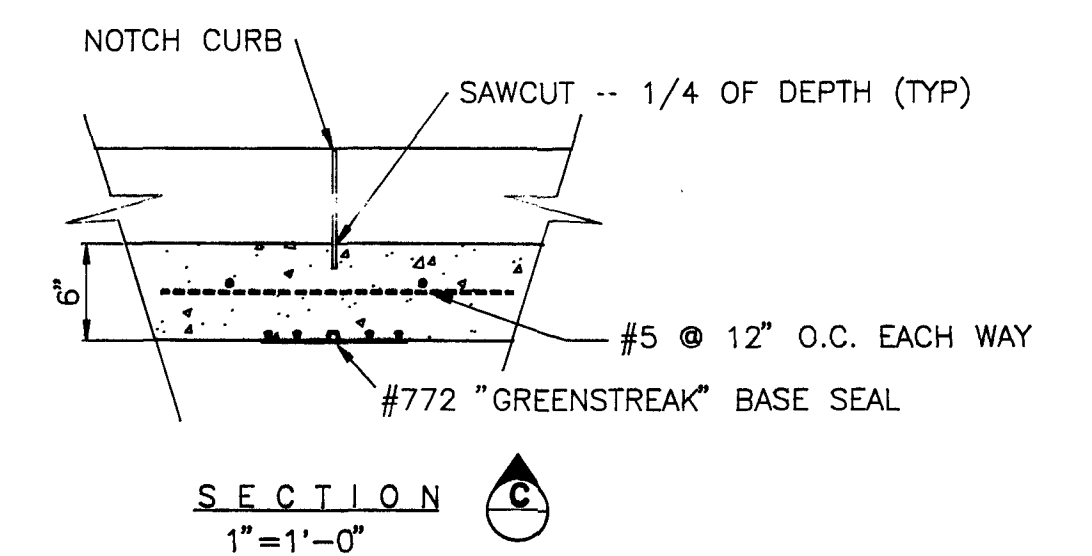
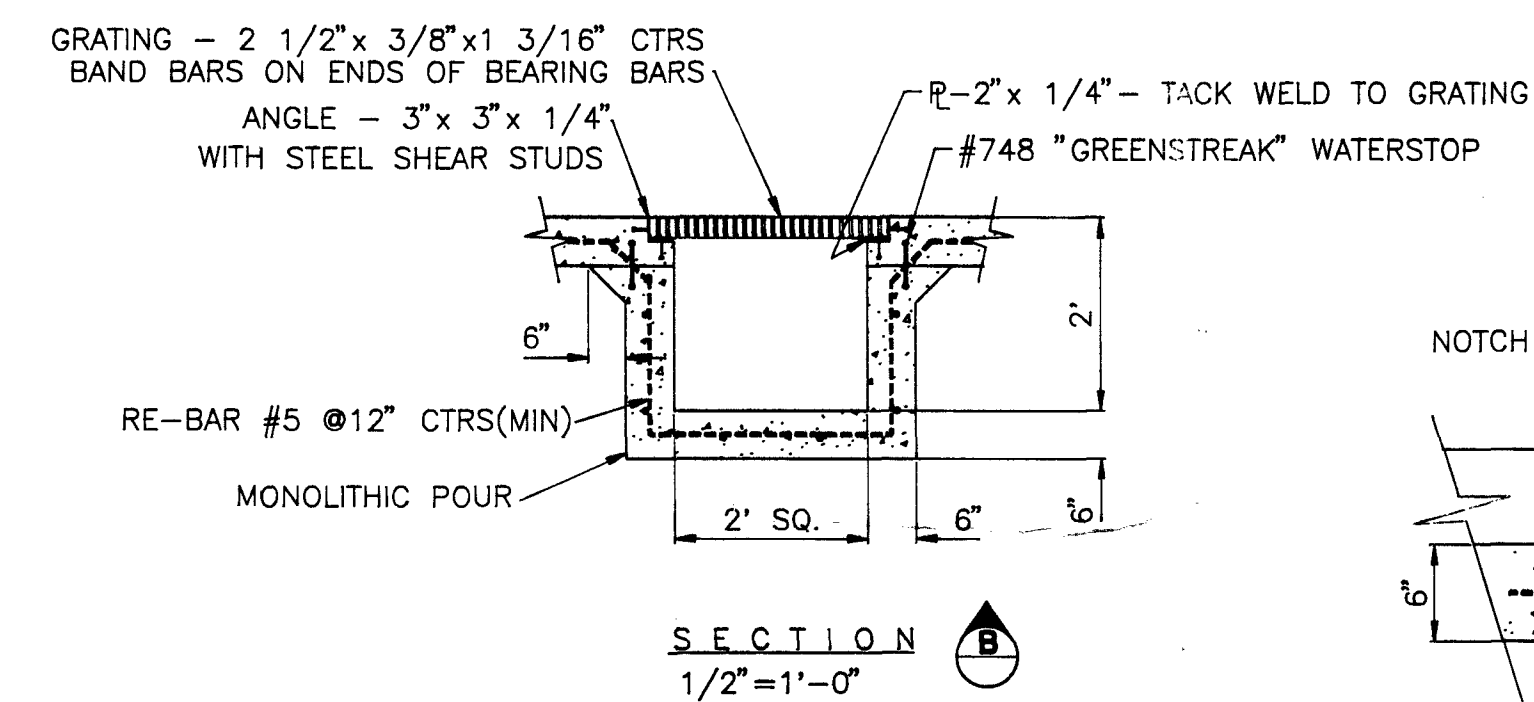
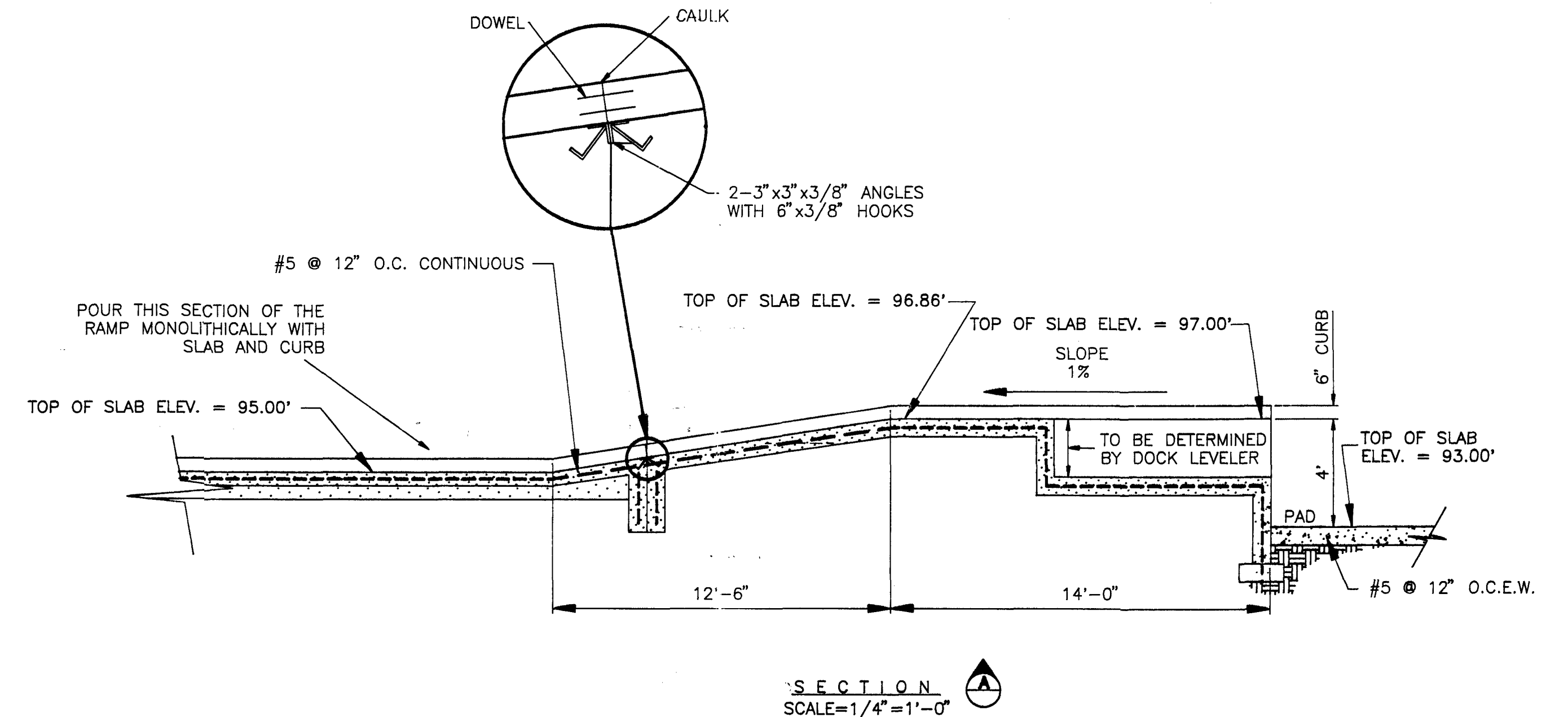
<u>We do not dispose of anything</u>				
TYPE OF FLUID OR SOLID	VOLUME (BARRELS)	DISPOSAL SITE (NO. FROM BELOW)	LOCATION	NATURE OF DISPOSAL LOCATION (LETTER FROM BELOW)

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

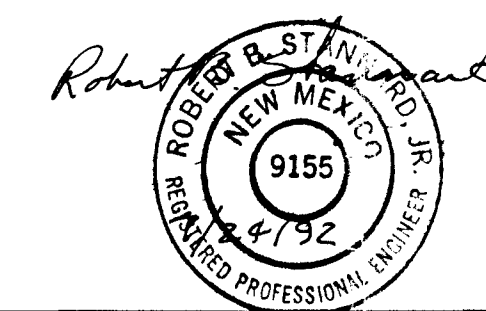
A. Lined Pit
B. Unlined Pit
C. Ground Surface
D. Above Ground Tank
E. Buried Tank
F. Injection Well
G. Other (Specify)



NOTE: BASE SEAL NOT SHOWN
FOR CLARITY. SEE DETAIL AT
RIGHT FOR LOCATION.



NOTES: 1. CAULK ALL CONTROL JOINTS, CURB NOTCHES WITH
"MASTER BUILDERS BRUTEM 90".



PETROLITE CORPORATION
ENGINEERING DEPT.

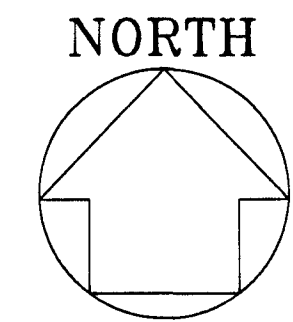
369 Marshall Avenue, St. Louis, Mo. 63119

FARMINGTON, NEW MEXICO
DISTRIBUTION SITE
WAREHOUSE FOUNDATION PLAN
DETAILS

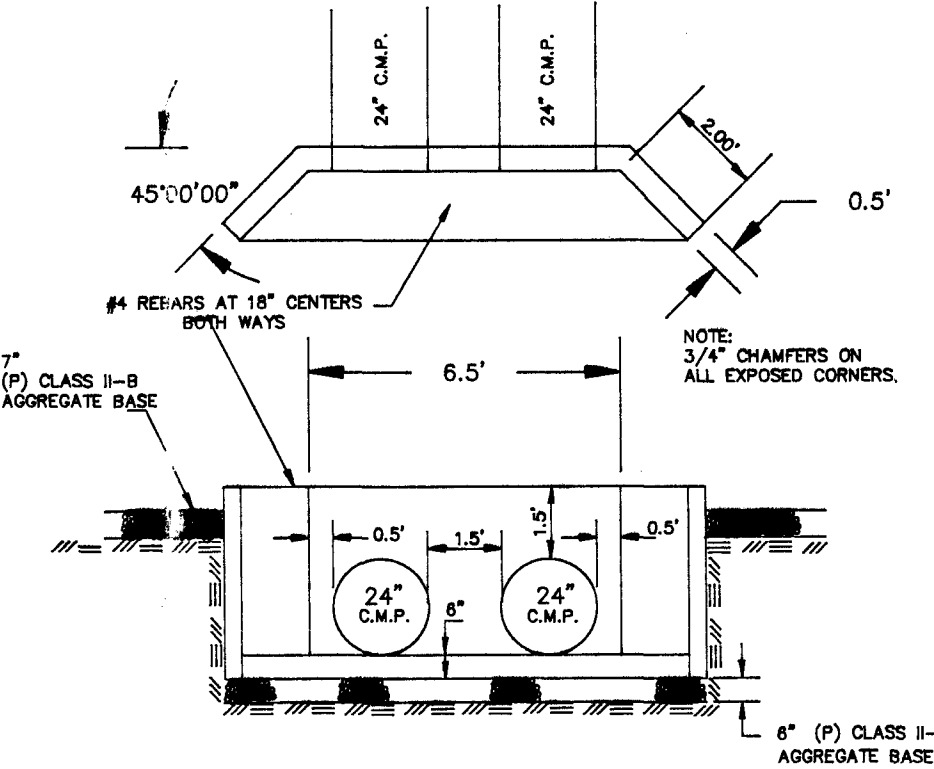
SCALE:	DATE:	DRAWING NO.	REV.
DESIGNED		FAR-C1	1
DRAWN			
CHECKED			
APPROVED			

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REV. BY	DATE	NO.	REVISION
HLM	6/19/92		ADDED BACK SECTION "E" AND CORRECTED BUILDING WIDTH
CHECKED			
REV. APP'D			

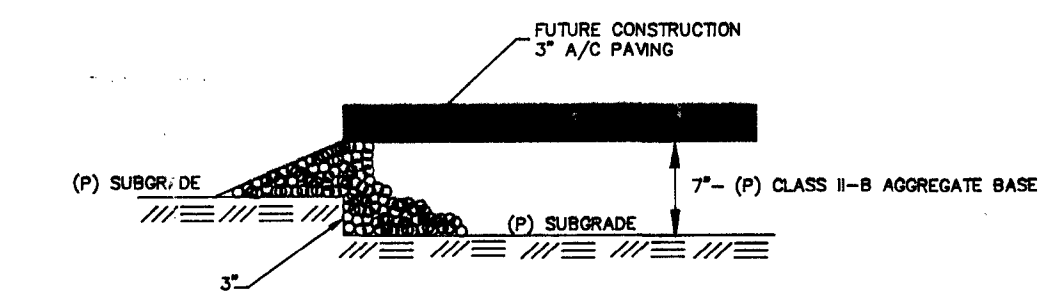


SCALE 1" = 20'



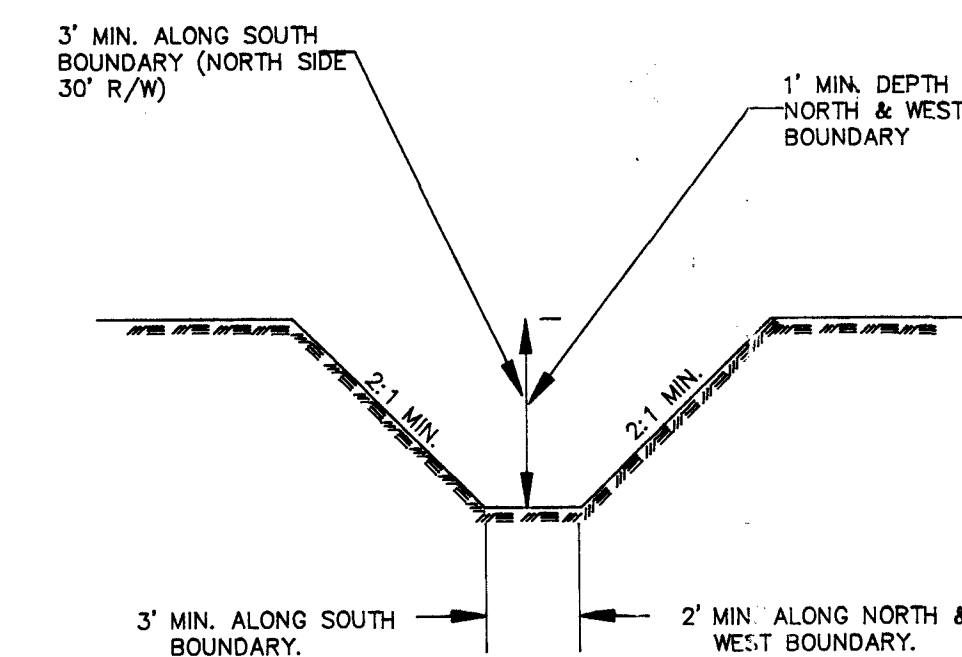
DETAIL
CONCRETE HEADWALL

no scale



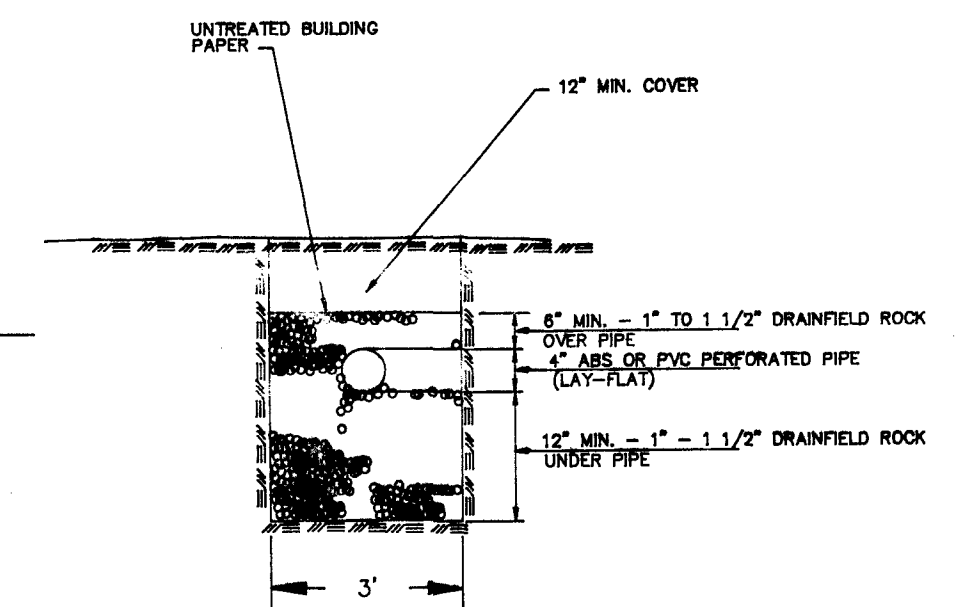
TYPICAL BASE AND PAVING SECTION

NO SCALE



TYPICAL DRAINAGE
DITCH DETAIL

no scale

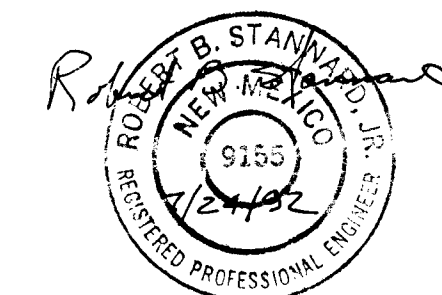


DETAIL
SEWER LEACH LINE

NO SCALE

LEGEND

- (e) EXISTING
- (P) PROPOSED
- (R) RECORD DATA PER BOUNDARY SURVEY BY GEORGE T. WALTERS, N.M.L.S. No. 8159 DATED 11-20-81.
- FOUND 5/8" REBAR WITH PLASTIC CAP L.S. 8159
- DIRECTION OF DRAINAGE FLOW



PREPARED BY:
ROBERT B. STANNARD, JR.
N.M. P.E. No. 9155
SAN JUAN ENGINEERS
2101 SAN JUAN BLVD.
FARMINGTON, N.M. 87401
505-325-7535

PETROLITE CORPORATION
ENGINEERING DEPT.
369 Marshall Avenue, St. Louis, Mo. 63119

SITE AND GRADING PLAN
FOR THE FARMINGTON, NEW MEXICO
DISTRIBUTION SITE

SCALE: 1" = 20'	DATE: 5-1-82	DRAWING NO. FAR - C4	REV. 0
DESIGNED: RBS	5-1-82		
DRAWN: RBS	5-1-82		
CHECKED: RBS	5-1-82		
APPROVED: RBS	5-1-82		

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CHECKED	REV. APP'D	NO.	REVISION
REV. BY	DATE		