GW - 204

GENERAL CORRESPONDENCE

YEAR(S):

2005-1995

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Mark E. Fesmire, P.E.
Director
Oil Conservation Division

April 4, 2005

Mr. Ray B. Young
Baker Petrolite
10520 West I-20 East
Odessa, Texas 79765

RE: Discharge Permit Renewal Notice for Baker Petrolite Facilities

Dear Mr. Young:

Baker Petrolite has the following discharge permits that expire on the dates shown below.

GW-203 expires 8/29/2005 – Hobbs Service Facility
GW-204 expires 8/29/2005 – Artesia Service Facility

WQCC 3106.F. If the holder of an approved discharge permit submits an application for discharge permit renewal at least 120 days before the discharge permit expires, and the discharger is not in violation of the approved discharge permit on the date of its expiration, then the existing approved discharge permit for the same activity shall not expire until the application for renewal has been approved or disapproved. A discharge permit continued under this provision remains fully effective and enforceable. An application for discharge permit renewal must include and adequately address all of the information necessary for evaluation of a new discharge permit. Previously submitted materials may be included by reference provided they are current, readily available to the secretary and sufficiently identified to be retrieved. [12-1-95]

The discharge permit renewal application for each of the above facilities is subject to WQCC Regulation 3114. Every billable facility submitting a discharge permit renewal will be assessed a fee equal to the filing fee of $100.00 plus a flat fee for oil field service facilities. The $100.00 filing fee is submitted with the discharge permit renewal applications and is nonrefundable.

Please make checks payable to: **NMED-Water Quality Management** and addressed to the OCD Santa Fe Office. Please submit the original discharge permit renewal application and one copy to the OCD Santa Fe Office and one copy to the OCD Artesia District Office and one copy to the OCD Hobbs District Office, respectfully. **Note that the completed and signed application form must be submitted with your discharge permit renewal request.** (Copies of the WQCC regulations and discharge permit application form and guidelines are available on OCD's website at **www.emnrd.state.nm.us/ocd/**).

If any of the above facilities no longer has any actual or potential discharges and a discharge permit is not needed, please notify this office. If the Baker Petrolite has any questions, please do not hesitate to contact me at (505) 476-3489.

Sincerely,

W. Jack Ford, C.P.G.
Oil Conservation Division

cc: OCD Artesia District Office
OCD Hobbs District Office

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

May 14, 2003

Lori Wrotenbery
Director
Oil Conservation Division

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

RE: Subsurface Investigation and Soil Sampling
Artesia Facility – GW-204
Lea County, New Mexico

Dear Ms. Potten:

The New Mexico Oil Conservation Division (OCD) is in receipt of the report submitted by your consultant, Llano-Permian Environmental, summarizing the results of a workplan approved August 2, 2000 for a subsurface soil investigation at the Baker Petrolite Corporation Artesia Service facility located in the SW/4 SW/4 of Section 33, Township 16 South, Range 26 East, NMPM, Eddy County, New Mexico.

The results of the investigation indicates there were no elevated levels of TPH, other hydrocarbon or listed metal constituents that were above action levels that required remediation work. The OCD would like to commend Baker Petrolite Corporation for their efforts to address potential pollution problems prior to any existing at the facility.

Sincerely,

W. Jack Ford, C.P.G.
Environmental Bureau
Oil Conservation Division

cc: OCD Artesia District Office

NOTICE OF PUBLICATION

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

Notice is hereby given that pursuant to the New Mexico Water Quality Control Commission Regulations, the following discharge plan application has been submitted to the Director of the Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

(GW-187) - Williams Field Service, David Bays, Senior Environmental Specialist, 188 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge plan renewal application for their La Cosa compressor station located in the NE/4 NW/4, Section 34, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. Up to 3,000 barrels per year of produced water and waste water with a total dissolved solids concentration in excess of 2000 mg/l is stored in above ground, closed-top steel tanks prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of 45 feet with a total dissolved solids concentrations of approximately 2000 mg/l. The discharge

with a total dissolved solids concentrations ranging from 200 to 1000 mg/l. The OCD proposed conditions can be viewed at www.emnrd.state.nm.us/ocd in the Draft Discharge Permit for this facility.

(GW-203)-Baker Hughes Petrolite (formerly Petrolite Corporation), Mr. Roy Young, 10520 West I-20 East, Odessa, Texas 79765, has submitted a Discharge Permit Renewal Application for their Hobbs Facility located in the NE/4, Section 7, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico. All effluents that may be generated at the facility will be collected in a closed top receptacle and transported off-site for disposal at an OCD approved facility. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 100 mg/L. *The discharge permit* addresses how oilfield products and waste will be properly handled, stored and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water. The OCD proposed conditions can be viewed at www.emnrd.state.nm.us/ocd in the Draft Discharge Permit for this facility.

(GW-204)-Baker Hughes Petrolite (formerly Petrolite Corporation), Mr. Roy Young, 10520 West I-20 East, Odessa, Texas 79765, has submitted a Discharge Permit Renewal Application for their Artesia Facility located in the SE/4, Section 33, Township 16 South, Range 26 East, NMPM, Eddy County, New Mexico. All effluents that may be generated at the facility will be collected in a closed top receptacle and transported off-site for disposal at an OCD approved facility. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 15 feet with a total dissolved solids concentration of approximately 2160 mg/L. The discharge permit addresses how oilfield products and waste will be properly handled, stored and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water. The OCD proposed conditions can be viewed at www.emnrd.state.nm.us/ocd in the Draft Discharge Permit for this facility.

(GW-205) - Corrosion, Ltd., Mr. Tommie Farrell, P.O. Box 5097, Hobbs, New Mexico 88241-5097, has submitted a discharge plan renewal application for their Hobbs Service Facility located in the SW/4 NE/4, Section 4, Township 19 South, Range 38 East, NMPM, Lea County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle

face will be managed in order to protect fresh water. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 30 feet with a total dissolved solids concentrations of approximately 712 mg/l. The OCD proposed conditions can be viewed at www.emnrd.state.nm.us/ocd in the Draft Discharge Permit for this facility.

(GW-218) - Dawn Trucking Corporation, Mr. Barry Bond, (505) 327-6314, P.O. Box 1498, Farmington, New Mexico 87499-1498, has submitted a discharge renewal application for the Farmington facility located in the SW/4 NW/4, Section 19, Township 29 North, Range 12 West, NMPM, San Juan County, New Mexico. All effluents that may be generated at the facility will be collected in a closed top tank and transported offsite for disposal in an OCD approved facility. The discharge permit addresses how oilfield products and waste will be properly handled, stored and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 85 feet with a total dissolved solids concentration of approximately 1,575 mg/l. The OCD proposed conditions can be viewed at www.emnrd.state.nm.us/ocd in the Draft Discharge Permit for this facility.

(GW-320) - Williams Field Services, Inc., David Bays, Senior Environmental Specialist, 188 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge permit renewal application for their Richardson Straddle compressor station located in the SW/4 NE/4, Section 27, Township 32 North, Range 12 West, NMPM, San Juan County, New Mexico. Up to 3,000 barrels per year of produced water with a total dissolved solids concentration in excess of 3600 mg/l is stored in above ground, in a closed-top fiberglass tank prior to transport to an OCD approved off-site disposal facility. The discharge permit addresses how oilfield products and waste will be properly handled, stored and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water. Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 110 to 180 feet with a total dissolved solids concentrations ranging from approximately 450 mg/l to 2400 mg/l. The OCD proposed conditions can be viewed at www.emnrd.state.nm.us/ocd in the Draft Discharge Permit for this facility.

(GW-321) - Williams Field Services, Inc., David Bays, Senior En-

ted a discharge permit renewal application for their Lawson compressor station located in the SE/4 SW/4, Section 36, Township 32 North, Range 12 West, NMPM, San Juan County, New Mexico. Up to 3,000 barrels per year of produced water with a total dissolved solids concentration in excess of 3600 mg/l is stored in an above ground, closed-top fiberglass tank prior to transport to an OCD approved off-site disposal facility. The discharge permit addresses how oilfield products and waste will be properly handled, stored and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water. Groundwater most likely to be affected by an accidental discharge is at a depth of 51 feet with a total dissolved solids concentrations ranging from approximately 200 mg/l to 2000 mg/l. The OCD proposed conditions can be viewed at www.emnrd.state.nm.us/ocd in the Draft Discharge Permit for this facility.

(GW-323) - Williams Field Services, Inc., David Bays, Senior Environmental Specialist, 188 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge permit renewal application for their Horton compressor station located in the SE/4 SE/4, Section 10, Township 31 North, Range 12 West, NMPM, San Juan County, New Mexico. Up to 3,000 barrels per year of produced water with a total dissolved solids concentration in excess of 3600 mg/l is stored in an above ground, closed-top fiberglass tank prior to transport to an OCD approved off-site disposal facility. The discharge permit addresses how oilfield products and waste will be properly handled, stored and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water. Groundwater most likely to be affected by an accidental discharge ranges in depth from 90 feet to 115 feet with a total dissolved solids concentrations ranging from approximately 200 mg/l to 2000 mg/l. The OCD proposed conditions can be viewed at www.emnrd.state.nm.us/ocd in the Draft Discharge Permit for this facility.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday thru 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

BAKER HUGHES

Baker Petrolite

12645 West Airport Boulevard
Sugar Land, Texas 77478

November 7, 2000

Mr. Mike Stubblefield
New Mexico Oil Conservation Division
811 South 1st Street
Artesia, NM 88210

RE: Subsurface Investigation at Baker Petrolite Corporation (BPC) property at Industrial Avenue and SR 229, Artesia, NM

Mr. Stubblefield,

BPC has completed a subsurface investigation at the above-referenced property. The procedures and results are discussed in the enclosed report. There were no analytical results reported above NMOCD criteria indicating that no remedial actions are necessary. Groundwater was not encountered nor sampled during the subsurface investigation.

A copy of the report has also been sent to Jack Ford, NMOCD Santa Fe Office. If you have any questions, please feel free to call me at 281/275-7396 or email at Ann.Potten@Bakerpetrolite.com.

Sincerely,

Ann Potten, CHMM
Environmental Specialist
Baker Petrolite Corporation

cc: Jack Ford, NMOCD Santa Fe Office

Affidavit of Publication

NO. 17080

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 county and state, and that the here to 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/days on the same day as follows:

First Publication August 16 2000

Second Publication

Third Publication

Fourth Publication

Subscribed and sworn to before me this

16TH day of August 2000

Notary Public, Eddy County, New Mexico

My Commission expires September 23, 2003

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 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-204) Baker Petrolite (formerly Petrolite Corporation), Mr. Roy Young, 12645 West Airport Boulevard, Sugar Land, Texas 77478, has submitted a Discharge Plan Renewal Application for their Artesia Facility located in the SE/4 SW/4, Section 33, Township 16 South, Range 26 East, NMPM, Eddy County, New Mexico. All effluents that may be generated at the facility will be stored in a closed top receptacle and transported offsite for disposal at an OCD approved facility. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 15 feet with a total dissolved solids concentration of approximately 2160 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 applicaiton(s) and information submitted at the hearing.

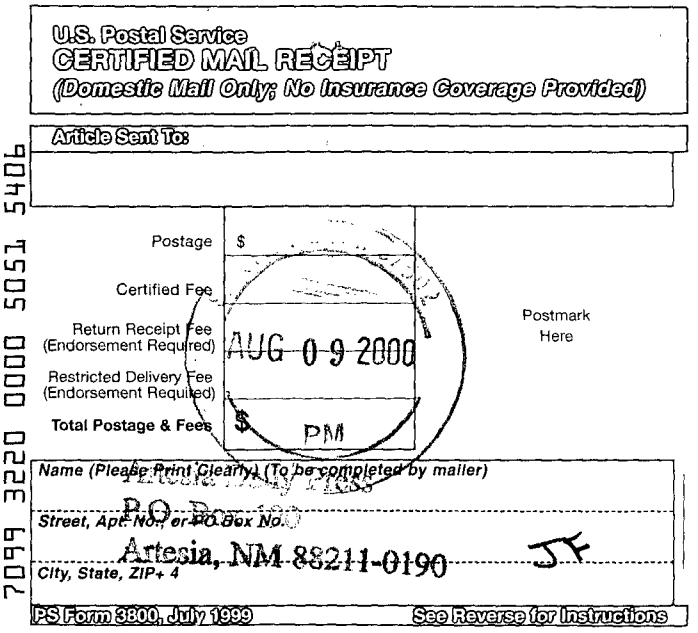
GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 8th day of August 2000.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
s-Lori Wrotenbery

LORI WROTENBERY, Director
SEAL
Published in the Artesia Daily Press, Artesia, N.M. August 16, 2000.

Legal 17080

cation:



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Artesia, NM 88211-0190 JF
City, State, ZIP+ 4

PS Form 3800, July 1999 See Reverse for Instructions

Artesia Daily Press

P.O. Box 190, Artesia, NM 88211-0190
Phone: (505) 746-3524
Fax: (505) 746-8795

INVOICE

Invoice Date:	08/16/00
Invoice Number:	1063298
Customer Number:	10005610

Oil Conservation Division
2040 South Pacheco St.
Santa Fe NM 87505

DATE	TYPE	DOC NO	REF NUMBER	DESCRIPTION	# OF INS	DEPTH	RATE	AMOUNT
08/16/00	INV	1063298	A/R:1063298 Ord:10758162	**LEGAL NOTICE NOTICE OF PUBLIC** Artesia Daily Press Legal Section, LEGAL NOTICE 8/16/0 State Sales Tax This is your First Notice! Thank You!	 1 1	 13.00 13.00	 45.76 2.89	 45.76 2.89
							TOTAL	48.65

I hereby certify that this is a true and correct statement to the best of my knowledge

Barbara Bowers
Bookkeeper

Please detach and return this portion with payment. To ensure proper credit to your account, please write your customer number on your check. If you have any questions about your account, please contact Accounts Receivable at (505) 746-3524.

Invoice Date	Invoice Number
08/16/00	1063298
Customer Number	
10005610	

Retail Advertising Legal 17080

PLEASE PAY: 48.65

ARTESIA DAILY PRESS
Attn: Accounts Receivable
P.O. Box 190
Artesia, NM 88211-0190

Oil Conservation Division
2040 South Pacheco St.
Santa Fe NM 87505

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NM OCD

AD NUMBER: 165348 ACCOUNT: 56689
LEGAL NO: 67906 P.O.#: 00199000278
182 LINES 1 time(s) at $ 80.23
AFFIDAVITS: 5.25
TAX: 5.34
TOTAL: 90.82

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO
COUNTY OF SANTA FE
I, B Penner being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily newspaper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a Newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication #67906 a copy of which is hereto attached was published in said newspaper 1 day(s) between 08/15/2000 and 08/15/2000 and that the notice was published in the newspaper proper and not in any supplement; the first publication being on the 15 day of August, 2000 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/S/ Betsey Penner
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 15 day of August A.D., 2000

Notary Laura E. Harding

Commission Expires 11/23/03

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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 to him and public hearing may be requested by any interested person. Requests for public hearing shall set forth the reasons why a hearing shall be held. A hearing will be held if the Director determines there is significant public interest.

If no hearing is held, the Director will approve or disapprove the proposed plan(s) based on the information available. If a public hearing is held, the Director will approve 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 Conservation Commission at Santa Fe, New Mexico, on this 8th day of August, 2000.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
LORI WROTENBERY, Director

Legal #67906
Pub. August 15, 2000

NOTICE OF PUBLICATION

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

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 8th day of August 2000.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

S E A L

LORI WROTENBERY, Director

BAKER HUGHES

Baker Petrolite

Health, Safety, Environmental
Quality & Regulatory Affairs
12645 West Airport Boulevard
Sugar Land, TX 77478
Tel. 281-276-5400
Fax 281-275-7385
Web site: www.bakerhughes.com/bapt

FAX TRANSMISSION

To: Jack Ford

Company: NMOCD

Fax #: 505-827-8177

Date: 8/7/00

Pages: 4

From: Ann Potten (phone: 281/275-7396)

RE: BPC Environmental work

MESSAGE:

Mr. Ford,
The Final Workplan describing the environmental work at the BPC Hobbs and Artesia sites is enclosed. The Final Workplan states that air rotary drilling will be used rather than direct push, which would be incompatible with the geology. The work is still scheduled to begin at the Hobbs facility on August 15th. Please feel free to call me at 281/275-7396 if you have any questions or comments.

Regards,
Ann Potten, CHMM

PROPOSED
FACILITY SUBSURFACE INVESTIGATIVE WORKPLAN

FOR THE

BAKER PETROLITE

HOBBS and ARTESIA

NEW MEXICO FACILITIES

Prepared for:
Baker Petrolite

JULY 2000

Prepared by

LLANO-PERMIAN ENVIRONMENTAL
1031 ANDREWS HIGHWAY, SUITE 115
MIDLAND, TX 79701
915 522-2133

INTRODUCTION

Llano Permian Environmental Services proposes to conduct a series of soil borings at two of the Baker Petrolite Corporation (BPC) facilities in New Mexico. The following work plan details the proposed activities in completing the work. The purpose of the subsurface investigation is to determine what contamination, if any, exists at the sites. On the basis of the known geology of the area, an air rotary drilling rig will be used to conduct the borings. Decontaminating the drilling equipment after each sample is taken, as applicable, will minimize possible cross-contamination.

WORKPLAN

Baker Petrolite requested from Llano-Permian a work plan for conducting the core borings at the facilities in New Mexico. Llano-Permian will follow the guidelines outlined in the work plan at each BPC location.

L-P will mobilize personnel and equipment to conduct the soil borings at the Hobbs facility first. A utility line location procedure will precede the subsurface investigation. All applicable utilities will be notified prior to start of work and all applicable procedures will be followed to prevent damage and/or injury. The site-specific conditions will dictate what proper personnel protective equipment to be used at each location. BPC personnel will determine the locations of all on-site soil borings.

A decontamination area will be set up to clean the drilling bits and stems, as warranted. The decon water will be collected to prevent any possible contaminants from being released during the process. The rinse water will be collected and drummed.

A total of 15 and 10 soil borings are proposed for the Hobbs and Artesia facilities, respectively. The soil borings will be completed to a depth of 20 feet at each location using an air rotary drilling rig. A BPC representative will decide the actual location for each soil boring on site.

The whole investigative process is anticipated to take three days per site, unless the geology of the area limits the production rate for the drilling rig. Soil samples from various elevations will be collected and, using a photoionization detector, a quick analysis of each sample will be performed. The samples with the highest concentrations of volatile organic compounds will be submitted to the lab for quantitation. Two samples from each core bore will be taken – one soil sample with the highest OVM reading and one at the terminal depth – and sent to the lab. A total of 30 samples will be collected. EPA Methods 8260, 8270, and 6010a will be used for Volatile Organic Content (VOC), Semi-volatile Organic Content (SVOCs), and total RCRA metals. EPA Method 8021b and EPA 8015 will be used for BTEX and TPH analyses, respectively, at both facilities. BPC personnel will determine actual sample selection criteria. All wastes generated from this investigation will be drummed, characterized, and disposed according to local, state, and federal guidelines. The same procedures will be followed at the Artesia site.

Additional samples will be submitted to the laboratory for analyses, depending on PID readings and visual observations. A report will be issued upon receipt of the sampling results.

All equipment used in the soil boring process will be decontaminated using approved methods after each soil boring is completed to prevent cross-contamination. Samples will be collected in laboratory-supplied containers, packaged in ice, placed into insulated containers, and shipped to the laboratory for analyses. A chain of custody order will accompany each shipment.

The soil cuttings will be collected in 55-gallon drums and stored on-site until the analytical results are received to determine the proper disposal method. Under no circumstances will any materials associated with the soil boring activities be removed without proper manifesting. The resulting wastes and or cuttings will be transported to an approved disposal site or spread on-site should contaminant not be encountered.

PERSONNEL

Llano Permian will utilize the services of Straub Corporation for the soil boring activities. Analytical services will be provided by Trace Analyses in Lubbock, Texas. The final disposition of wastes generated during the soil boring activities will depend on the nature of the contaminants found, if any. Llano Permian will serve as the general contractor and provide all project coordination under direction of BPC personnel at each facility.

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

RECEIVED
MAY 3 - 200

Revised June 10, 2003

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

OIL CONSERVATION DIVISION

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

GW-204

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

☐ New ☒ Renewal ☐ Modification

1. Type: Oil Field Chemical Service Company (SIC 1389)

2. Operator: Baker Petrolite – Artesia, NM Stockpoint

   Address: 5624 Lovington Highway / Hobbs, NM 88240

   Contact Person: Roy Young Phone: (432) 495-7212

3. Location: _____/4 _____/4 Section _____ Township _____ Range _____
   Submit large scale topographic map showing exact location.
   No changes, revisions, or modifications.

4. Attach the name, telephone number and address of the landowner of the facility site.

   Baker Petrolite
   12645 West Airport Blvd.
   Sugar Land, TX 77478
   281-275-7400

5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.
   No changes, revisions, or modifications to the facility description. Current facility diagram is attached.

6. Attach a description of all materials stored or used at the facility.
   No changes, revisions, or modifications.

7. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included.
   No changes, revisions, or modifications.

8. Attach a description of current liquid and solid waste collection/treatment/disposal procedures.
   No changes, revisions, or modifications.

9. Attach a description of proposed modifications to existing collection/treatment/disposal systems.
   No changes, revisions, or modifications.

10. Attach a routine inspection and maintenance plan to ensure permit compliance.
    No changes, revisions, or modifications.

11. Attach a contingency plan for reporting and clean-up of spills or releases.
    No changes, revisions, or modifications.

12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included.
    No changes, revisions, or modifications.

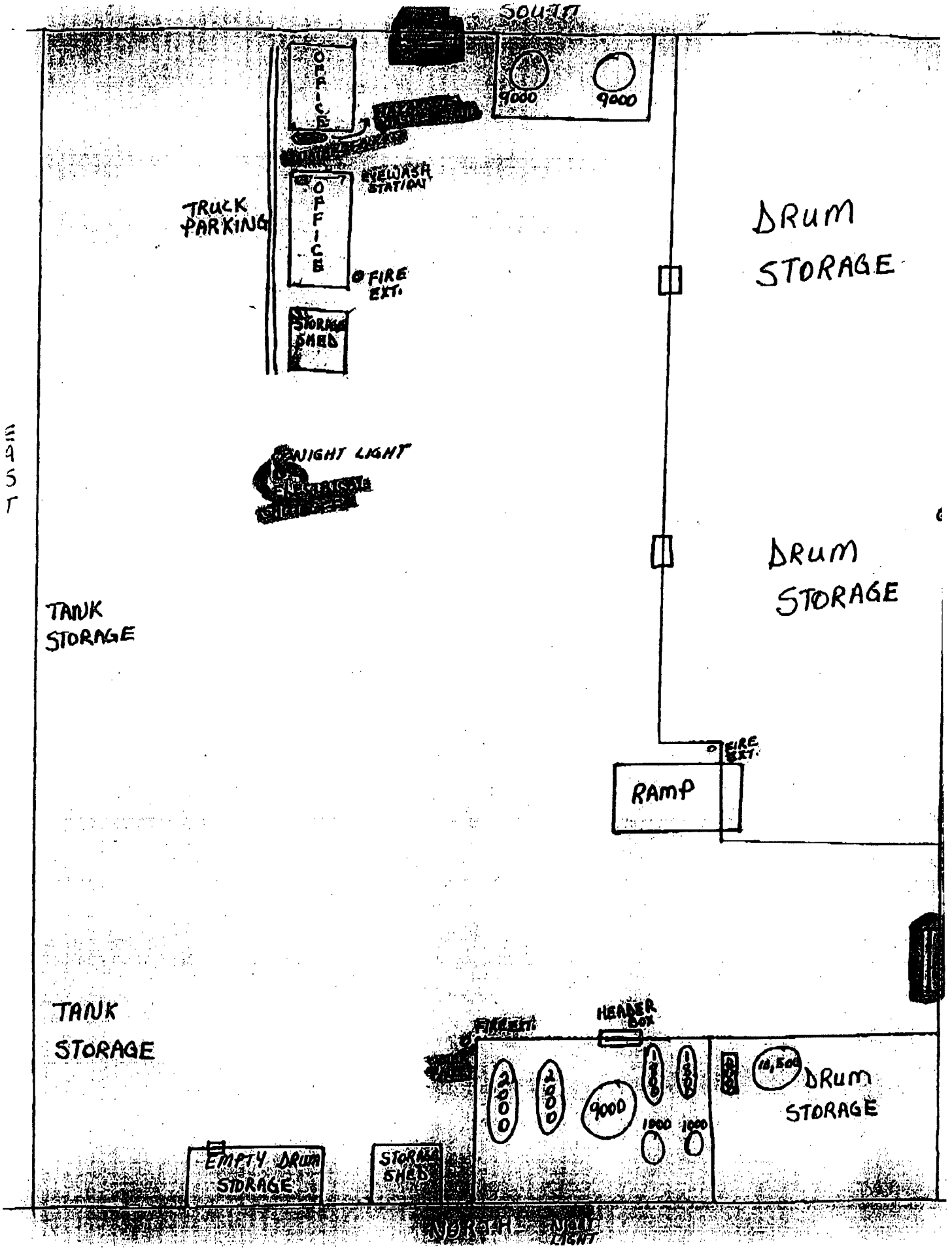
13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.
No changes, revisions, or modifications.

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: Roy Young Title: Ops Mangser

Signature: Roy Young Date: 4/21/05

E-mail Address: Roy.Young@BakerPetrolite.com


SOUTH
OFFICE
9000
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EYEWASH STATION
TRUCK PARKING
OFFICE
FIRE EXT.
STORAGE SHED
DRUM STORAGE
NIGHT LIGHT
EAST
DRUM STORAGE
TANK STORAGE
FIRE EXT.
RAMP
TANK STORAGE
FIRE EXT.
HEADER BOX
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DRUM STORAGE
EMPTY DRUM STORAGE
STORAGE SHED
NORTH
LIGHT

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

August 2, 2000

CERTIFIED MAIL
RETURN RECEIPT NO. 5050 9849

Ms. Ann Potten, CHMM
Baker Petrolite
12645 West Airport Boulevard
Sugar Land, TX 77487

RE: Investigation Workplan - Approval
Baker Petrolite
Discharge Plan (GW-203) "Hobbs Facility", Lea County, New Mexico
Discharge Plan (GW-204) "Artesia Facility", Eddy County, New Mexico

Dear Ms. Potten:

The New Mexico Oil Conservation Division (OCD) has received and reviewed the soil investigation plan, dated July, 2000, prepared by your consultant, Llano-Permian Environmental. Based upon the content of the workplan **the OCD hereby approves of the investigation workplan with the following stipulations:**

1. All soil borings will be plugged from total depth to surface with a cement slurry having an approximate 3% bentonite content.

2. A 72 hour notice prior to commencement of activities at the Hobbs Facility will be given to Ms. Donna Williams, OCD Hobbs District Office, (505) 393-6161, Extension 113.

3. A 72 hour notice prior to commencement of activities at the Artesia Facility will be given to Mr. Mike Stubblefield, OCD Artesia District Office, (505) 748-1283.

4. Any and all wastes that are generated with the investigation of this facility must be properly disposed of in an OCD approved disposal facility if appropriate.

5. Any spills that occur during the investigation process will be reported pursuant to WQCC 1203 and OCD Rule 116 to the appropriate OCD district office.

6. A final report of the results of the investigation will be supplied to the appropriate OCD District office and one copy for each facility to the OCD Santa Fe office.

Please note, OCD approval does not relieve Baker Petrolite from compliance with any other federal, state, and local rules and regulations that may apply.

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

Sincerely,

Roger C. Anderson
Environmental Bureau Chief

RCA/wjf

cc: OCD Hobbs District Office
OCD Artesia District Office

BAKER HUGHES

Baker Petrolite

Health, Safety, Environmental
Quality & Regulatory Affairs
12645 West Airport Boulevard
Sugar Land, TX 77478
Tel. 281-276-5400
Fax 281-275-7385
Web site: www.bakerhughes.com/bapt

FAX TRANSMISSION

To: Jack Ford

Company: NMOCD

Fax #: 505-827-8177

Date: 7/31/00

Pages: 4

From: Ann Potten (phone: 281/275-7396)

RE: BPC Environmental work

MESSAGE:

Mr. Ford,
As part of our proactive environmental work, BPC wishes to perform a subsurface investigation at our Hobbs and Artesia facilities to determine if there have been any subsurface impacts due to previous operations. A brief workplan describing the work is enclosed. Please feel free to call me at 281/275-7396 if you have any questions or comments.

Regards,
Ann Potten, CHMM

Baker Petrolite Corporation

PROPOSED
FACILITY SUBSURFACE INVESTIGATIVE WORKPLAN

FOR THE

BAKER PETROLITE

HOBBS and ARTESIA

NEW MEXICO FACILITIES

Prepared for:
Baker Petrolite

JULY 2000

Prepared by

LLANO-PERMIAN ENVIRONMENTAL
1031 ANDREWS HIGHWAY, SUITE 115
MIDLAND, TX 79701
915 522-2133

INTRODUCTION

Llano Permian Environmental Services proposes to conduct a series of soil borings at two of the Baker Petrolite facilities in New Mexico. The following work plan details the proposed activities in completing the work. The Baker Hughes facilities in Hobbs and Artesia, New Mexico will conduct subsurface soil investigations to determine what, if any, contamination exists at the Baker Petrolite facilities. A total of 15 soil borings proposed for the Hobbs facility and 10 soil borings are proposed for the Artesia facility. The soil borings will be completed to a depth of 20 feet at each location. The actual location for each soil boring will be decided on site by Baker personnel. The work will be completed within three days of mobilization onto each site, unless the geology of the area limits the production rates for each soil boring. Analytical soil samples will be collected at varying elevations as decided by Baker Petrolite and Llano Permian personnel and submitted to the laboratory for analyses. A report will be issued upon receipt of the sampling results.

WORKPLAN

Baker Petrolite requested that Llano-Permian create a work plan for the facilities in New Mexico. Llano-Permian will provide the following Work Plan at each BPC location:

L-P will mobilize personnel and equipment to conduct the soil borings at the Hobbs facility first. A utilities locate process will be conducted prior to starting the on-site subsurface investigation. The site-specific conditions will dictate the appropriate personnel protective equipment to be used at each location. All applicable regulatory agencies will be notified prior to start of on-site activities. BPC personnel will determine the locations of all on-site soil borings. The following will be conducted at each location:

BPC Hobbs, NM Facility

- **15 soil borings (preferably via Direct Push Technology (DPT) method unless local geology requires otherwise) to a depth of 20 feet (or until groundwater is encountered);**
- **Continuous sampling; collect and analyze two (2) soil samples from each borehole (30 soil samples total); one soil sample with the highest OVM reading and one soil sample at the terminal depth;**
- **7 of the 30 samples should be analyzed for VOCs, SVOCs, TPH, and metals; the remaining 23 soil samples should be analyzed for BTEX and TPH, as dictated by Baker Hughes personnel. EPA Methods 8260, 8270, and 6010a will be used for VOCs, SVOCs, and metals. EPA Method 8021d and Method 418.1 or EPA 8050 will be used for TPH, depending on which method the NMCOD will allow for this facility. Actual sample selection criteria will be determined by Baker Hughes personnel.**
- **If groundwater is encountered, three (3) samples should be collected (via Hydropunch method or similar) and analyzed for VOCs, SVOCs, and**

metals. EPA Methods 8260, 8270, and 6010a will be used for VOCs, SVOCs, and metals.

- **Disposal of IDW (what is IDW?) at approved facilities once the analytical data is received, evaluated and the waste is classified.**

BPC Artesia, NM Facility

- **10 soil borings (preferably via DPT method unless local geology requires otherwise) to a depth of 20 feet or until groundwater is encountered;**
- **Continuous sampling; collect and analyze two (2) soil samples from each boring (20 soil samples total); one soil sample exhibiting the highest OVM reading and one sample at the terminal depth;**
- **5 of the 20 samples should be analyzed for VOCs, SVOCs, TPH, and metals; the remaining 15 soil samples should be analyzed for BTEX and TPH. EPA Methods 8260, 8270, and 6010a will be used for VOCs, SVOCs, and metals. EPA Method 8021d and Method 418.1 or EPA 8050 will be used for TPH, depending on which method the NMCOD will allow for this facility. Actual sample selection criteria will be determined by Baker Hughes personnel.**
- **If groundwater is encountered, three (3) samples should be collected (via Hydropunch method or similar) and analyzed for VOCs, SVOCs, and metals. Methods 8260, 8270, and 6010a will be used for VOCs, SVOCs, and metals.**
- **Disposal of IDW at approved facilities once the analytical data is received, evaluated and the waste is classified.**

All equipment used in the soil boring process will be decontaminated using approved methods after each soil boring is completed to prevent cross-contamination. Samples will be collected in laboratory supplied containers and selected samples will be shipped to the laboratory for analyses. The soil cuttings will be collected in 55-gallon drums and stored on-site until the analytical results are received to determine the proper disposal method. Under no circumstances will any materials associated with the soil boring activities be removed without proper manifesting. The resulting wastes and or cuttings will be transported to an approved disposal site or spread on-site should no contamination be encountered.

PERSONNEL

Llano Permian will utilize the services of Straub Corporation for the soil boring activities. Analytical services will be provided by Trace Analyses in Lubbock, Texas. The final disposition of wastes generated during the soil boring activities will depend on the nature of the contaminants found, if any. Llano Permian will serve as the general contractor and provide all project coordination. Baker Petrolite personnel will be on hand to determine the course of action at each facility. Regulatory agency personnel are allowed on-site to observe project activities, if desired.

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

Jennifer A. Salisbury
CABINET SECRETARY

Oil Conservation Div.
Environmental Bureau
2040 S. Pacheco
Santa Fe, NM 87505

April 11, 2000

CERTIFIED MAIL
RETURN RECEIPT NO. 5050 9528

Mr. Joseph Hofbauer
Baker Petrolite
P.O. Box 5050
Sugarland, Texas 77487

RE: Discharge Plan Renewal Notice for Baker Petrolite Facilities

Dear Mr. Hofbauer:

Baker Petrolite failed to notify the New Mexico Oil Conservation Division (OCD) Santa Fe office of your change of address and the original notification of renewal was returned to this office. It is the responsibility of the owner/operator of an approved discharge plan facility to notify the OCD Santa Fe office of **any** changes to the information provided in the discharge plan application or modifications to the facility which might affect the terms or conditions expressed in the approved discharge plan. Henceforth any change of address or contact personnel is to be promptly reported to the OCD Santa Fe office.

Baker Petrolite have the following discharge plans which expire during the current calender year.

GW-203 expires 8/29/2000 – Hobbs Facility
GW-204 expires 8/29/2000 – Artesia Facility

WQCC 3106.F. If the holder of an approved discharge plan submits an application for discharge plan renewal at least 120 days before the discharge plan expires, and the discharger is not in violation of the approved discharge plan on the date of its expiration, then the existing approved discharge plan for the same activity shall not expire until the application for renewal has been approved or disapproved. A discharge plan continued under this provision remains fully effective and enforceable. An application for discharge plan renewal must include and adequately address all of the information necessary for evaluation of a new discharge plan. Previously submitted materials may be included by reference provided they are current, readily available to the secretary and sufficiently identified to be retrieved. [12-1-95]

The discharge plan renewal application for each of the above facilities is subject to WQCC Regulation 3114. Every billable facility submitting a discharge plan renewal will be assessed a fee equal to the filing fee of $50.00 plus a flat fee equal to one-half of the original flat fee for oil field service company facilities. The $50.00 filing fees are to be submitted with the discharge plan renewal applications and are nonrefundable.

Please make all checks payable to: **NMED-Water Quality Management** and addressed to the OCD Santa Fe Office. Please submit, for each, the original discharge plan renewal application and one copy to the OCD Santa Fe Office and one copy to the OCD Hobbs (GW-203) or Artesia (GW-204) District Office. **Note that the completed and signed application form must be submitted with your discharge plan renewal request.** (Copies of the discharge plan application form are enclosed to aid you in preparing the renewal application. A complete copy of the regulations is available on OCD's website at **www.emnrd.state.nm.us/ocd/**).

If either of the above sited facilities no longer has any actual or potential discharges and a discharge plan is not needed, please notify this office. If the Baker Petrolite has any questions, please do not hesitate to contact Mr. W. Jack Ford at (505) 827-7156 as he has been assigned the responsibility for reviewing these discharge plans.

Sincerely,

Roger C. Anderson
Oil Conservation Division

cc: OCD Hobbs District Office
OCD Artesia District Office

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

Jennifer A. Salisbury
CABINET SECRETARY

Oil Conservation Div.
Environmental Bureau
2040 S. Pacheco
Santa Fe, NM 87505

March 13, 2000

CERTIFIED MAIL
RETURN RECEIPT NO. 5050 9313

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

RE: Discharge Plan Renewal Notice for Baker Petrolite Facilities

Dear Mr. Hofbauer:

Baker Petrolite have the following discharge plans which expire during the current calender year.

GW-203 expires 8/29/2000 – Hobbs Facility
GW-204 expires 8/29/2000 – Artesia Facility

WQCC 3106.F. If the holder of an approved discharge plan submits an application for discharge plan renewal at least 120 days before the discharge plan expires, and the discharger is not in violation of the approved discharge plan on the date of its expiration, then the existing approved discharge plan for the same activity shall not expire until the application for renewal has been approved or disapproved. A discharge plan continued under this provision remains fully effective and enforceable. An application for discharge plan renewal must include and adequately address all of the information necessary for evaluation of a new discharge plan. Previously submitted materials may be included by reference provided they are current, readily available to the secretary and sufficiently identified to be retrieved. [12-1-95]

The discharge plan renewal application for each of the above facilities is subject to WQCC Regulation 3114. Every billable facility submitting a discharge plan renewal will be assessed a fee equal to the filing fee of $50.00 plus a flat fee equal to one-half of the original flat fee for oil field service company facilities. The $50.00 filing fees are to be submitted with the discharge plan renewal applications and are nonrefundable.

Please make all checks payable to: **NMED-Water Quality Management** and addressed to the OCD Santa Fe Office. Please submit, for each, the original discharge plan renewal application and one copy to the OCD Santa Fe Office and one copy to the OCD Hobbs (GW-203) or Artesia (GW-204) District Office. **Note that the completed and signed application form must be submitted with your discharge plan renewal request.** (Copies of the discharge plan application form are enclosed to aid you in preparing the renewal application. A complete copy of the regulations is available on OCD's website at **www.emnrd.state.nm.us/ocd/**).

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

Sincerely,

Roger C. Anderson
Oil Conservation Division

cc: OCD Hobbs District Office
OCD Artesia District Office

PETROLITE

CONSERVATION DIVISION
RECEIVED

95 AUG 29 AM 8 52

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

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

August 24, 1995

RECEIVED

AUG 28 1995

Environmental Bureau
Oil Conservation Division

Certified Mail —
Receipt Requested

Pat Sanchez
State of New Mexico
Oil Conservation Division
2040 S. Pacheco
Santa Fe, NM 87505

RE: Discharge Plan GW-204
Petrolite Corporation, Artesia facility
Eddy County, New Mexico

Dear Mr. Sanchez:

I am writing in reply to your letter dated June 22, 1995, requesting additional information for the subject Petrolite Corporation discharge plan. The request by the OCD and Petrolite's response to each item is listed below.

A. Under ITEM IX. - Submit a plan for addressing the loading dock at the Artesia facility that lacked pad/curb type containment.

Petrolite Corporation agrees to install secondary containment with curbing for the Artesia, NM loading dock per OCD guidelines. The anticipated schedule of completion is as follows:

1. Perform an engineering study to determine the size, type and specifications for the most cost effective containment program meeting OCD requirements.
   1Q. 1996

2. Contact regional contractors to obtain competitive bids for the scope of work.
   2Q. 1996

3. Prepare request for capital expenditure, obtain project funding.
   3Q. 1996

4. Negotiate legal contract with contractor, relocate existing loading dock to a temporary location, perform scope of work for the construction of secondary containment, submit notification of compliance to OCD.
   4Q. 1996 - 1Q. 1997

B. ***Under ITEM XII. - The NMOCD used the following parameters in providing preliminary groundwater data for the public notice:***
TDS (total dissolved solids) = 100 mg/l and depth to groundwater = 50 (feet) *

This is an administrative statement and does not require additional action by Petrolite.

C. ***Under ITEM XIII. - Attach the enclosed information and include as part of the discharge plan.***

NOTE: The legal location for this facility is SE/4 SW/4, Section 33, Township 16 South, Range 26 East, NMPM, Eddy County, New Mexico. per Mr. Ken Patterson.

The above information will be included in the referenced section of Petrolite's discharge plan and placed in the file for future reference.

Sincerely,

George A. Cary
Manager, Regional SHEA Operations
Tretolite Division

* Not correct - see Public Notice:
15' ± 2,160 mg/l.

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

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

(GW-204)-PETROLITE CORPORATION, MR. DAN TARVER, P.O. BOX 740, Sundown, Texas, 79372-0740 has submitted a Discharge plan application for their Artesia facility located in the SE/4, SW/4 Section 33, Township 16 South, Range 26 East, NMPM, Eddy County, New Mexico. All effluents that may be generated at the facility will be collected in a closed top tank and transported offsite for disposal at an OCD approved facility; Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 15 feet with a total dissolved solids concentration of approximately 2160 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 ConservationDivision and may submit written comments to the Director of the Oil Conservation Division at the address given above.The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and 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 hearingis 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 disaprove 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 16th day of June, 1995.

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

Journal: July 17, 1995

STATE OF NEW MEXICO
County of Bernalillo SS

RECEIVED
AUG - 7 1995
OIL CONSERVATION DIVISION

Bill Tafoya being duly sworn declares and says that he is Classified Advertising manager of **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 of assessed as court cost; that the notice, copy of which is hereto attached, was published in said paper in the regular daily edition, for 1 times, the first publication being of the 17th day of July, 1995, and the subsequent consecutive publications on 7-17, 1995

Bill Tafoya

OFFICIAL SEAL
Corrina Duncan
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires: 12-3-98

Sworn and subscribed to before me, a notary Public in and for the County of Bernalillo and State of New Mexico, this 17 day of July 1995

PRICE 40.35
Statement to come at end of month.

Corrina Duncan

CLA-22-A (R-1/93) ACCOUNT NUMBER 130237

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, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

(GW-203) -PETROLITE CORPORATION, MR. DAN TARVER, P.O. BOX 740, Sundown, Texas, 79372-0740 has submitted a Discharge plan application for their Hobbs facility located in the NE/4, Section 7, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico. All effluents that may be generated at the facility will be collected in a closed top tank and transported offsite for disposal at an OCD approved facility; Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 100 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-204) -PETROLITE CORPORATION, MR. DAN TARVER, P.O. BOX 740, Sundown, Texas, 79372-0740 has submitted a Discharge plan application for their Artesia facility located in the SE/4 SW/4, Section 33, Township 16 South, Range 26 East, NMPM, Eddy County, New Mexico. All effluents that may be generated at the facility will be collected in a closed top tank and transported offsite for disposal at an OCD approved facility; Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 15 feet with a total dissolved solids concentration of approximately 2160 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-207) -BAKER PERFORMANCE CHEMICALS, INC., MR. JOHN COCKRUM, P.O. BOX 250, Lovington, NM, 88260 has submitted a Discharge plan application for their Lovington facility located in the NW/4, Section 21, Township 15 South, Range 36 East, NMPM, Lea County, New Mexico. All effluents that may be generated at the facility will be collected in a closed top tank and transported offsite for disposal at an OCD approved facility; Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 85 feet with a total dissolved solids concentration of approximately 450 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 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 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 16th day of June, 1995.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

by Deputy Director

SEAL

WILLIAM J. LEMAY, Director

NO EFFECT FINDING

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

Date July 10, 1995

Consultation # GW95OCD1

Approved by

U.S. FISH and WILDLIFE SERVICE
NEW MEXICO ECOLOGICAL SERVICES FIELD OFFICE
ALBUQUERQUE, NEW MEXICO

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

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

(GW-203)-PETROLITE CORPORATION, MR. DAN TARVER P.O. BOX 740, Sundown, Texas, 79372-0740 has submitted a Discharge plan application for their Hobbs facility located in the NE/4, Section 7, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico. All effluents that may be generated at the facility will be collected in a closed top tank and transported offsite for disposal at an OCD approved facility; Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 100 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-204)-PETROLITE CORPORATION, MR. DAN TARVER, P.O. BOX 740, Sundown, Texas, 79372-0740 has submitted a Discharge plan application for their Artesia facility located in the SE/4, Section 33, Township 16 South, Range 28 East, NMPM, Eddy County, New Mexico. All effluents that may be generated at the facility will be collected in a closed top tank and transported offsite for disposal at an OCD approved facility; Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 15 feet with a total dissolved solids concentration of approximately 2130 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-207)-BAKER PERFORMANCE CHEMICALS, INC., MR. JOHN COCKRUM, P.O. BOX 260, Lovington, NM, 88260 has submitted a Discharge plan application for their Lovington facility located in the NW/4, Section 21, Township 15 South, Range 36 East, NMPM, Lea County, New Mexico. All effluents that may be generated at the facility will be collected in a closed top tank and transported offsite for disposal at an OCD approved facility; Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 85 feet with a total dissolved solids concentration of approximately 450 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 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 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 16th day of June, 1995.

STATE OF NEW MEXICO

STATE OF NEW MEXICO
County of Bernalillo SS

Bill Tafoya being duly sworn declares and says that he is Classified Advertising manager of **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 of assessed as court cost; that the notice, copy of which is hereto attached, was published in said paper in the regular daily edition, for 1 times, the first publication being of the 27th day of June, 1995, and the subsequent consecutive publications on _____, 1995

Bill Tafoya

Sworn and subscribed to before me, a notary public in and for the County of Bernalillo and State of New Mexico, this 27th day of June 1995

OFFICIAL SEAL
Megan Garcia
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires: 5-20-98

PRICE $46.85
Statement to come at end of month.

Megan Garcia

CLA-22-A (R-1/93) ACCOUNT NUMBER C80932

Affidavit of Publication

No. 15155

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 days" consecutive weeks on the same day as follows:

First Publication June 27, 1995

Second Publication

Third Publication

Fourth Publication

Gary D. Scott

Subscribed and sworn to before me this 27th day of June 19 95

Barbara Ann Boans
Notary Public, Eddy County, New Mexico

My Commission expires September 23, 1996

Copy of Publication

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, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

(GW-203)-PETROLITE CORPORATION, MR. DAN TARVER, P.O. BOX 740, Sundown Texas, 79372-0740 has submitted a Discharge plan application for their Hobbs facility located in the NE/4, Section 7, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico. All effluents that may be generated at the facility will be collected in a closed top tank and transported offsite for disposal at an OCD approved facility; Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 100 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-204)-PETROLITE CORPORATION, MR. DAN TARVER, P.O. BOX 740, Sundown, Texas, 79372-0740 has submitted a Discharge plan application for their Artesia facility located in the SE/4 SW/4, Section 33, Township 16 South, Range 26 East, NMPM, Eddy County, New Mexico. All effluents that may be generated at the facility will be collected in a closed top tank and transported offsite for disposal at an OCD approved facility; Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 15 feet with a total dissolved solids concentraiton of approximately 2160 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-207) BAKER PERFORMANCE CHEMICALS, INC., MR. JOHN COCKRUM, P.O. BOX 250, Lovington, NM 88260 has submitted a Discharge plan application for their Lovington facility located in the NW/4 Section 21, Township 15 South, Range 36 East, NMPM, Lea County, New Mexico. All effluents that may be generated at the facility will be collected in a closed top tank and transported offsite for disposal at an OCD approved facility; Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 85 feet with a total dissolved solids concentration of approximately 450 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 form the Oil Conservation Division

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No. 15155

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sworn to before me this 27th day

June 19 95

Notary Public, Eddy County, New Mexico

expires September 23, 1996

Copy of Publication

LEGAL NOTICE

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Any interested person may obtain further information form the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and 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 hearng is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearng 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 16th day of June, 1995.

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

S E A L

Published in the Artesia Daily Press, Artesia, N.M. June 27, 1995.

Legal 15155

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

MEMORANDUM OF MEETING OR CONVERSATION

☒ Telephone ☐ Personal | Time 4:00 pm | Date 6/28/95

Originating Party	Other Parties
George Carey - Petrolite	Pat Sanchez
	NMOCD

Place: Petrolite Artesia, Hobbs, Jal Facilities

Discussion: George was not aware of pad/curb - impervable Containment. I told him maybe it was my error for not mentioning during the inspection. He said this will put them out of business - I told him he did not have to put in the containment systems right away - he could put them in over time as their budget Allows. OR I told him to right a justification for exempting them from the containment - I told him I did not think it would fly but he could propose.

Conclusions or Agreements: George will Iron out details with Management and follow up latter. He also asked if he could move the discharge plan to another area - I told him I didn't think so.

Distribution:

Signed: Robin W. Seale

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

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 June 22, 1995

and ending with the issue of June 22, 1995

And that the cost of publishing said notice is the sum of $ 58.32

which sum has been (Paid) as Court Costs

Subscribed and sworn to before me this 23rd

day of June, 1995

Notary Public, Lea County, New Mexico

My Commission Expires Sept. 28, 1998

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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 the State of New Mexico Oil Conservation Commission at Santa Fe, New Mexico on this 16th day of June, 1995.

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

June 22, 1995

CERTIFIED MAIL
RETURN RECEIPT NO. Z-765-962-715

Mr. George A. Cary
Petrolite (Tretolite Division)
369 Marshall Avenue
St. Louis, MO 63119

RE: Discharge Plan GW-204
Petrolite Corporation, Artesia facility
Eddy County, New Mexico

Dear Mr. Cary:

The NMOCD has received the proposed Petrolite Corporation discharge plan application for the facility located in SE/4 SW/4, Section 33, Township 16 South, Range 26 East, NMPM, Eddy County, New Mexico. The application filing fee in the amount of $50 and flat fee in the amount of $1,380 was received by the NMOCD along with the discharge plan application. The NMOCD has prepared and sent out the public notice for the Petrolite Corporation facility as stated in WQCC section 3-108 and has performed a preliminary review of the discharge plan as proposed by Petrolite Corporation as received by the OCD on June 9, 1995.

The following comments and request for additional information are based on the review of the Petrolite Corporation application. **Please note that unless otherwise stated, response to all comments shall be received and reviewed by the OCD prior to approval of the discharge plan application.**

Refer to the application page submitted by Petrolite Corporation as signed by Mr. George A. Cary on May 30, 1995.

A. UNDER ITEM IX. - Submit a plan for addressing the loading dock at the Artesia facility that lacked pad/curb type containment.

B. UNDER ITEM XII. - The NMOCD used the following parameters in providing preliminary groundwater data for the public notice:
TDS (total dissolved solids)=2160 mg/l and depth to groundwater=15'(feet)

NOTE: State Engineer in district II Roswell may be contacted at 1-800-231-8933 for groundwater and hydrological information.

C. UNDER ITEM XIII. - Attach the enclosed information and include as part of the discharge plan.

NOTE: The legal location for this facility is SE/4 SW/4, Section 33, Township 16 South, Range 26 East, NMPM, Eddy County, New Mexico. per Mr. Ken Patterson.

Submittal of the requested information and commitments in a timely fashion will expedite the final review of the application and approval of the discharge plan.

If you have any questions, please feel free to call me at (505)-827-7156.

Sincerely,

Patricio W. Sanchez
Petroleum Engineer

xc: Mr. Wayne Price-Environmental Engineer

Z 765 962 715

Receipt for Certified Mail
No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

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P.O., State and ZIP Code	
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TOTAL Postage & Fees	$
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PS Form 3800, March 1993

XIII - Part A

GUIDELINES

FOR

REMEDIATION

OF

LEAKS, SPILLS AND RELEASES

(AUGUST 13, 1993)

New Mexico Oil Conservation Division

INTRODUCTION

The following document is to be used as a **guide** on all federal, state and fee lands when remediating contaminants resulting from leaks, spills and releases of oilfield wastes or products. The New Mexico Oil Conservation Division (OCD) requires that corrective actions be taken for leaks, spills or releases of any material which has a reasonable probability to injure or be detrimental to public health, fresh waters, animal or plant life, or property or unreasonably interfere with the public welfare or use of the property. These guidelines are intended to provide direction for remediation of soils and fresh waters contaminated as a result of leaks, spills or releases of oilfield wastes and products in a manner that assures protection of fresh waters, public health and the environment.

Fresh waters (to be protected) includes the water in lakes, playas, surface waters of all streams regardless of the quality of the water within any given reach, and all underground waters containing 10,000 milligrams per liter (mg/l) or less of total dissolved solids (TDS) except for which, after notice and hearing, it is found that there is no present or reasonably foreseeable beneficial use which would be impaired by contamination of such waters. The water in lakes and playas shall be protected from contamination even though it may contain more than 10,000 mg/l of TDS unless it can be shown that hydrologically connected fresh ground water will not be adversely affected.

Procedures may deviate from the following guidelines if it can be shown that the proposed procedure will either remediate, remove, isolate or control contaminants in such a manner that fresh waters, public health and the environment will not be impacted. Specific constituents and/or requirements for soil and ground water analysis and/or remediation may vary depending on site specific conditions. Deviations from approved plans will require OCD notification and approval.

****** Note:** **Notification to OCD of leaks, spills and releases does not relieve an operator of responsibility for compliance with any other federal, state or local law and/or regulation regarding the incident. Other agencies (ie. BLM, Indian Tribes, etc) may also have guidelines or requirements for remediation of leaks spills and releases.**

TABLE OF CONTENTS

I. NOTIFICATION OF LEAK, SPILL OR RELEASE

Leaks, spills and releases of any wastes or products from oilfield operations are required to be reported to the OCD pursuant to OCD Rule 116 (Appendix A) or New Mexico Water Quality Control Commission (WQCC) Regulation 1-203 (Appendix B). Appendix C contains the phone numbers and addresses for reporting incidents to the OCD district and Santa Fe offices. Notification will include all information required under the respective rule or regulation. Below is a description of some of the information required:

A. RESPONSIBLE PARTY AND LOCAL CONTACT

The name, address and telephone number of the person/persons in charge of the facility/operation as well as the owner and/or operator of the facility/operation and a local contact.

B. FACILITY

The name and address of the facility or operation where the incident took place and the legal location listed by quarter-quarter, section, township and range, and by distance and direction from the nearest town or prominent landmark so that the exact site location can be readily located on the ground.

C. TIME OF INCIDENT

The date, time and duration of the incident.

D. DISCHARGE EVENT

A description of the source and cause of the incident.

E. TYPE OF DISCHARGE

A description of the nature or type of discharge. If the material leaked, spilled or released is anything other than crude oil, condensate or produced water include its chemical composition and physical characteristics.

F. QUANTITY

The known or estimated volume of the discharge.

G. SITE CHARACTERISTICS

The relevant general conditions prevailing at the site including precipitation, wind conditions, temperature, soil type, distance to nearest residence and population centers and proximity of fresh water wells or watercourse (ie. any river, lake, stream, playa, arroyo, draw, wash, gully or natural or man-made channel through which water flows or has flowed).

H. IMMEDIATE CORRECTIVE ACTIONS

Any initial response actions taken to mitigate immediate threats to fresh waters, public health and the environment.

II. INITIAL RESPONSE ACTIONS

Upon learning of a leak, spill or release of any material which has a reasonable probability to injure or be detrimental to public health, fresh waters, animal or plant life, or property or unreasonably interfere with the public welfare or use of the property, the responsible party (RP) should take the following immediate actions unless the actions could create a safety hazard which would result in a threat to personal or public injury:

A. SOURCE ELIMINATION AND SITE SECURITY

The RP should take the appropriate measures to stop the source of the leak, spill or release and limit access to the site as necessary to reduce the possibility of public exposure.

B. CONTAINMENT

Once the site is secure, the RP should take steps to contain the materials leaked, spilled or released by construction of berms or dikes, the use of absorbent pads or other containment actions to limit the area impacted by the event and prevent potential fresh water contaminants from migrating to watercourses or areas which could pose a threat to public health and safety.

C. SITE STABILIZATION

After containment, the RP should recover any products or wastes which can be physically removed from the surface within the containment area. The disposition of all wastes or products removed from the site must be approved by the OCD.

III. SITE ASSESSMENT

Prior to final closure (Section VIII), soils into which nonrecoverable products or wastes have infiltrated and which have a reasonable probability to injure or be detrimental to public health, fresh waters, animal or plant life, or property or unreasonably interfere with the public welfare or use of the property should be assessed for their potential environmental impacts and remediated according to the procedures contained in the following sections. Assessment results form the basis of any required remediation. Sites will be assessed for severity of contamination and potential environmental and public health threats using a risk based ranking system.

The following characteristics should be determined in order to evaluate a sites potential risks, the need for remedial action and, if necessary, the level of cleanup required at the site:

A. GENERAL SITE CHARACTERISTICS

1. Depth To Ground Water

The operator should determine the depth to ground water at each site. The depth to ground water is defined as

the vertical distance from the lowermost contaminants to the seasonal high water elevation of the ground water. If the exact depth to ground water is unknown, the ground water depth can be estimated using either local water well information, published regional ground water information, data on file with the New Mexico State Engineer Office or the vertical distance from adjacent ground water or surface water.

2. Wellhead Protection Area

The operator should determine the horizontal distance from all water sources including private and domestic water sources. Water sources are defined as wells, springs or other sources of fresh water extraction. Private and domestic water sources are those water sources used by less than five households for domestic or stock purposes.

3. Distance To Nearest Surface Water Body

The operator should determine the horizontal distance to all downgradient surface water bodies. Surface water bodies are defined as perennial rivers, streams, creeks, irrigation canals and ditches, lakes, ponds and playas.

B. SOIL/WASTE CHARACTERISTICS

Soils/wastes within and beneath the area of the leak, spill or release should be evaluated to determine the type and extent of contamination at the site. In order to assess the level of contamination, observations should be made of the soils at the surface and samples of the impacted soils should be taken in the leak, spill or release area. Observations should note whether previous leaks, spills or releases have occurred at the site. Additional samples may be required to completely define the lateral and vertical extent of contamination. Soil samples should be obtained according to the sampling procedures in Sections V.A. and V.B. This may be accomplished using a backhoe, drill rig, hand auger, shovel or other means.

Initial assessment of soil contaminant levels is not required if an operator proposes to determine the final soil contaminant concentrations after a soil removal or remediation pursuant to section VI.A.

Varying degrees of contamination described below may co-exist at an individual site. The following sections describe the degrees of contamination that should be documented during the assessment of the level of soil contamination:

1. Highly Contaminated/Saturated Soils

Highly contaminated/saturated soils are defined as those soils which contain a free liquid phase or exhibit gross staining.

2. **Unsaturated Contaminated Soils**

Unsaturated contaminated soils are defined as soils which are not highly contaminated/saturated, as described above, but contain benzene, toluene, ethylbenzene and xylenes (BTEX) and total petroleum hydrocarbons (TPH) or other potential fresh water contaminants unique to the leak, spill or release. Action levels and sampling and analytical methods for determining contaminant concentrations are described in detail in Sections IV. and V.

**** **(NOTE: Soils contaminated as a result of spills, leaks or releases of non-exempt wastes must be evaluated for all RCRA Subtitle C hazardous waste characteristics. The above definitions apply only to oilfield contaminated soils which are exempt from federal RCRA Subtitle C hazardous waste provisions and nonexempt oilfield contaminated soils which are characteristically nonhazardous according to RCRA Subtitle C regulations. Any nonexempt contaminated soils which are determined to be characteristically hazardous cannot be remediated using this guidance document and will be referred to the New Mexico Environment Department Hazardous Waste Program.)**

C. **GROUND WATER QUALITY**

If ground water is encountered during the soil/waste characterization of the impacted soils, a sample should be obtained to assess the incidents potential impact on ground water quality. Ground water samples should be obtained using the sampling procedures in Section V.C. Monitor wells may be required to assess potential impacts on ground water and the extent of ground water contamination, if there is a reasonable probability of ground water contamination based upon the extent and magnitude of soil contamination defined during remedial activities.

IV. SOIL AND WATER REMEDIATION ACTION LEVELS

A. **SOILS**

The sections below describe the OCD's recommended remediation action levels for soils contaminated with petroleum hydrocarbons. Soils contaminated with substances other than petroleum hydrocarbons may be required to be remediated based upon the nature of the contaminant and it's potential to impact fresh waters, public health and the environment.

1. **Highly Contaminated/Saturated Soils**

All highly contaminated/saturated soils should be remediated insitu or excavated to the maximum extent practicable. These soils should be remediated using techniques described in Section VI.A to the contaminant specific level listed in Section IV.A.2.b.

2. Unsaturated Contaminated Soils

The general site characteristics obtained during the site assessment (Section III.A.) will be used to determine the appropriate soil remediation action levels using a risk based approach. Soils which are contaminated by petroleum constituents will be scored according to the ranking criteria below to determine their relative threat to public health, fresh waters and the environment.

a. Ranking Criteria

Depth To Ground Water	Ranking Score
<50 feet	20
50 - 99	10
>100	0

Wellhead Protection Area

<1000 feet from a water source,or;
<200 feet from private domestic water source

Yes	20
No	0

Distance To Surface Water Body

<200 horizontal feet	20
200 - 1000 horizontal feet	10
>1000 horizontal feet	0

b. Recommended Remediation Action Level

The total ranking score determines the degree of remediation that may be required at any given site. The total ranking score is the sum of all four individual ranking criteria listed in Section IV.A.2.a. The table below lists the remediation action level that may be required for the appropriate total ranking score.

(NOTE: The OCD retains the right to require remediation to more stringent levels than those proposed below if warranted by site specific conditions (ie. native soil type, location relative to population centers and future use of the site or other appropriate site specific conditions.)

	Total Ranking Score		
	>19	10 - 19	0 - 9
Benzene(ppm)*	10	10	10
BTEX(ppm)*	50	50	50
TPH(ppm)**	100	1000	5000

* A field soil vapor headspace measurement (Section V.B.1) of 100 ppm may be substituted for a laboratory analysis of the Benzene and BTEX concentration limits.

** The contaminant concentration for TPH is the concentration above background levels.

B. GROUND WATER

Contaminated ground water is defined as ground water of a present or foreseeable beneficial use which contains free phase products, dissolved phase volatile organic constituents or other dissolved constituents in excess of the natural background water quality. Ground water contaminated in excess of the WQCC ground water standards or natural background water quality will require remediation.

V. SOIL AND WATER SAMPLING PROCEDURES

Below are the sampling procedures for soil and ground water contaminant investigations of leaks, spills or releases of RCRA Subtitle C exempt oil field petroleum hydrocarbon wastes. Leaks, spills or releases of non-exempt RCRA wastes must be tested to demonstrate that the wastes are not characteristically hazardous according to RCRA regulations. Sampling for additional

constituents may be required based upon the nature of the contaminant which was leaked, spilled or released.

A. HIGHLY CONTAMINATED OR SATURATED SOILS

The following method is used to determine if soils are highly contaminated or saturated:

1. Physical Observations

Study a representative sample of the soil for observable free petroleum hydrocarbons or immiscible phases and gross staining. The immiscible phase may range from a free hydrocarbon to a sheen on any associated aqueous phase. A soil exhibiting any of these characteristics is considered highly contaminated or saturated.

B. UNSATURATED CONTAMINATED SOILS

The following methods may be used for determining the magnitude of contamination in unsaturated soils:

1. Soil Sampling Procedures for Headspace Analysis

A headspace analysis may be used to determine the total volatile organic vapor concentrations in soils (ie. in lieu of a laboratory analysis for benzene and BTEX but not in lieu of a TPH analysis). Headspace analysis procedures should be conducted according to OCD approved industry standards or other OCD-approved procedures. Accepted OCD procedures are as follows:

a) Fill a 0.5 liter or larger jar half full of sample and seal the top tightly with aluminum foil or fill a one quart zip-lock bag one-half full of sample and seal the top of the bag leaving the remainder of the bag filled with air.

b) Ensure that the sample temperature is between 15 to 25 degrees Celsius (59-77 degrees Fahrenheit).

c) Allow aromatic hydrocarbon vapors to develop within the headspace of the sample jar or bag for 5 to 10 minutes. During this period, the sample jar should be shaken vigorously for 1 minute or the contents of the bag should be gently massaged to break up soil clods.

d) If using a jar, pierce the aluminum foil seal with the probe of either a PID or FID organic vapor meter (OVM), and then record the highest (peak) measurement. If using a bag, carefully open one end of the bag and insert the probe of the OVM into the bag and re-seal the bag around the probe as much as possible to prevent vapors from escaping. Record the peak measurement. The OVM must be calibrated to assume a benzene response factor.

2. **Soil Sampling Procedures For Laboratory Analysis**

a. Sampling Procedures

Soil sampling for laboratory analysis should be conducted according to OCD approved industry standards or other OCD-approved procedures. Accepted OCD soil sampling procedures and laboratory analytical methods are as follows:

i) Collect samples in clean, air-tight glass jars supplied by the laboratory which will conduct the analysis or from a reliable laboratory equipment supplier.

ii) Label the samples with a unique code for each sample.

iii) Cool and store samples with cold packs or on ice.

iv) Promptly ship sample to the lab for analysis following chain of custody procedures.

v) All samples must be analyzed within the holding times for the laboratory analytical method specified by EPA.

b. Analytical Methods

All soil samples must be analyzed using EPA methods, or by other OCD approved methods and must be analyzed within the holding time specified by the method. Below are laboratory analytical methods commonly accepted by OCD for analysis of soil samples analyzed for petroleum related constituents. Additional analyses may be required if the substance leaked, spilled or released has been anything other than petroleum based fluids or wastes.

i) Benzene, toluene, ethylbenzene and xylene

- EPA Method 602/8020

ii) Total Petroleum Hydrocarbons

- EPA Method 418.1, or;
- EPA Method Modified 8015

C. GROUND WATER SAMPLING

If an investigation of ground water quality is deemed necessary, it should be conducted according to OCD approved industry standards or other OCD-approved procedures. The following methods are standard OCD accepted methods which

should be used to sample and analyze ground water at RCRA Subtitle C exempt sites (Note: The installation of monitor wells may not be required if the OCD approves of an alternate ground water investigation or sampling technique):

1. Monitor Well Installation/Location

One monitor well should be installed adjacent to and hydrologically down-gradient from the area of the leak, spill or release to determine if protectable fresh water has been impacted by the disposal activities. Additional monitor wells, located up-gradient and down-gradient of the leak, spill or release, may be required to delineate the full extent of ground water contamination if ground water underlying the leak, spill or release has been found to be contaminated.

2. Monitor Well Construction

a) Monitor well construction materials should be:

i) selected according to industry standards;

ii) chemically resistant to the contaminants to be monitored; and

iii) installed without the use of glues/adhesives.

b) Monitor wells should be constructed according to OCD approved industry standards to prevent migration of contaminants along the well casing. Monitor wells should be constructed with a minimum of fifteen (15) feet of well screen. At least five (5) feet of the well screen should be above the water table to accommodate seasonal fluctuations in the static water table.

3. Monitor Well Development

When ground water is collected for analysis from monitoring wells, the wells should be developed prior to sampling. The objective of monitor well development is to repair damage done to the formation by the drilling operation so that the natural hydraulic properties of the formation are restored and to remove any fluids introduced into the formation that could compromise the integrity of the sample. Monitoring well development is accomplished by purging fluid from the well until the pH and specific conductivity have stabilized and turbidity has been reduced to the greatest extent possible.

4. Sampling Procedures

Ground water should be sampled according to OCD accepted standards or other OCD approved methods. Samples should be collected in clean containers supplied by the laboratory which will conduct the analysis or from a reliable laboratory equipment supplier. Samples for

different analyses require specific types of containers. The laboratory can provide information on the types of containers and preservatives required for sample collection. The following procedures are accepted by OCD as standard sampling procedures:

a) Monitor wells should be purged of a minimum of three well volumes of ground water using a clean bailer prior to sampling to ensure that the sample represents the quality of the ground water in the formation and not stagnant water in the well bore.

b) Collect samples in appropriate sample containers containing the appropriate preservative for the analysis required. No bubbles or headspace should remain in the sample container.

c) Label the sample containers with a unique code for each sample.

d) Cool and store samples with cold packs or on ice.

e) Promptly ship sample to the lab for analysis following chain of custody procedures.

f) All samples must be analyzed within the holding times for the laboratory analytical method specified by EPA.

5. Ground Water Laboratory Analysis

Samples should be analyzed for potential ground water contaminants contained in the waste stream, as defined by the WQCC Regulations. All ground water samples must be analyzed using EPA methods, or by other OCD approved methods and must be analyzed within the holding time specified by the method. Below are OCD accepted laboratory analytical methods for analysis of ground water samples analyzed for petroleum related constituents. Additional analyses may be required if the substance leaked, spilled or release has been anything other than a petroleum based fluid or waste.

a. <u>Analytical Methods</u>

i.) Benzene, Toluene, Ethylbenzene and Xylene

- EPA Method 602/8020

ii.) Major Cations and Anions

- Various EPA or standard methods

iii.) Heavy Metals

- EPA Method 6010, or;
- Various EPA 7000 series methods

[redacted].) Polynuclear Aromatic H[redacted]rocarbons

- EPA Method 8100

VI. REMEDIATION

The following discussion summarizes recommended techniques for remediation of contaminated soil and ground water as defined in Section IV.A. and IV.B. OCD approval for remediation of an individual leak, spill or release site is not required if the company is operating under an OCD approved spill containment plan. All procedures which deviate from the companies spill containment plan must be approved by OCD.

A. SOIL REMEDIATION

When RCRA Subtitle C exempt or RCRA nonhazardous petroleum contaminated soil requires remediation, it should be remediated and managed according to the criteria described below or by other OCD approved procedures which will remove, treat, or isolate contaminants in order to protect fresh waters, public health and the environment.

In lieu of remediation, OCD may accept an assessment of risk which demonstrates that the remaining contaminants will not pose a threat to present or foreseeable beneficial use of fresh waters, public health and the environment.

1. Contaminated Soils

Highly contaminated/saturated soils and unsaturated contaminated soils exceeding the standards described in Section IV.A. should be either:

a) Excavated from the ground until a representative sample from the walls and bottom of the excavation is below the contaminant specific remediation level listed in Section IV.A.2.b or an alternate approved remediation level, or;

b) Excavated to the maximum depth and horizontal extent practicable. Upon reaching this limit a sample should be taken from the walls and bottom of the excavation to determine the remaining levels of soil contaminants, or;

c) Treated in place, as described in Section VI.A.2.b.ii. - Treatment of Soil in Place, until a representative sample is below the contaminant specific remediation level listed in Section IV.A.2.b, or an alternate approved remediation level, or;

d) Managed according to an approved alternate method.

2. Soil Management Options

All soil management options must be approved by OCD. The following is a list of options for either on-site treatment or off-site treatment and/or disposal of contaminated soils:

a. Disposal

Excavated soils may be disposed of at an off-site OCD approved or permitted facility.

b. Soil Treatment and Remediation Techniques

i. Landfarming

Onetime applications of contaminated soils may be landfarmed on location by spreading the soil in an approximately six inch lift within a bermed area. Only soils which do not contain free liquids can be landfarmed. The soils should be disced regularly to enhance biodegradation of the contaminants. If necessary, upon approval by OCD, moisture and nutrients may be added to the soil to enhance aerobic biodegradation.

In some high risk areas an impermeable liner may be required to prevent leaching of contaminants into the underlying soil.

Landfarming sites that will receive soils from more than one location are considered centralized sites and must be approved separately by the OCD prior to operation.

ii. Insitu Soil Treatment

Insitu treatment may be accomplished using vapor venting, bioremediation or other approved treatment systems.

iii. Alternate Methods

The OCD encourages alternate methods of soil remediation including, but not limited to, active soil aeration, composting, bioremediation, solidification, and thermal treatment.

B. GROUND WATER REMEDIATION

1. Remediation Requirements

Ground water remediation activities will be reviewed and approved by OCD on a case by case basis prior to commencement of remedial activities. When contaminated

ground water exceeds WQCC ground water standards, it should be remediated according to the criteria described below.

a. Free Phase Contamination

Free phase floating product should be removed from ground water through the use of skimming devices, total-fluid type pumps, or other OCD-approved methods.

b. Dissolved Phase Contamination

Ground water contaminated with dissolved phase constituents in excess of WQCC ground water standards can be remediated by either removing and treating the ground water, or treating the ground water in place. If treated waters are to be disposed of onto or below the ground surface, a discharge plan must be submitted and approved by OCD.

c. Alternate Methods

The OCD encourages other methods of ground water remediation including, but not limited to, air sparging and bioremediation. Use of alternate methods must be approved by OCD prior to implementation.

VII. TERMINATION OF REMEDIAL ACTION

Remedial action may be terminated when the criteria described below have been met:

A. SOIL

Contaminated soils requiring remediation should be remediated so that residual contaminant concentrations are below the recommended soil remediation action level for a particular site as specified in Section IV.A.2.b.

If soil action levels cannot practicably be attained, an evaluation of risk may be performed and provided to OCD for approval showing that the remaining contaminants will not pose a threat to present or foreseeable beneficial use of fresh water, public health and the environment.

B. GROUND WATER

A ground water remedial action may be terminated if all recoverable free phase product has been removed, and the concentration of the remaining dissolved phase contaminants in the ground water does not exceed New Mexico WQCC water quality standards or background levels. Termination of remedial action will be approved by OCD upon a demonstration of completion of remediation as described in above.

VIII. FINAL CLOSURE

Upon termination of any required remedial actions (Section VII.) the area of a leak, spill or release may be closed by backfilling any excavated areas, contouring to provide drainage away from the site, revegetating the area or other OCD approved methods.

IX. FINAL REPORT

Upon completion of remedial activities a final report summarizing all actions taken to mitigate environmental damage related to the leak, spill or release will be provided to OCD for approval.

APPENDIX A

A. The Division shall be notified of any fire, break, leak, spill, or blowout occurring at any injection or disposal facility or at any oil or gas drilling, producing, transporting, or processing facility in the State of New Mexico by the person operating or controlling such facility.

B. "Facility," for the purpose of this rule, shall include any oil or gas well, any injection or disposal well, and any drilling or workover well; any pipe line through which crude oil, condensate, casinghead or natural gas, or injection or disposal fluid (gaseous or liquid) is gathered, piped, or transported (including field flow-lines and lead-lines but not including natural gas distribution systems); any receiving tank, holding tank, or storage tank, or receiving and storing receptacle into which crude oil, condensate, injection or disposal fluid, or casinghead or natural gas is produced, received, or stored; any injection or disposal pumping or compression station including related equipment; any processing or refining plant in which crude oil, condensate, or casinghead or natural gas is processed or refined; and any tank or drilling pit or slush pit associated with oil or gas well or injection or disposal well drilling operations or any tank, storage pit, or pond associated with oil or gas production or processing operations or with injection or disposal operations and containing hydrocarbons or hydrocarbon waste or residue, salt water, strong caustics or strong acids, or other deleterious chemicals or harmful contaminants.

C. Notification of such fire, break, leak, spill, or blowout shall be in accordance with the provisions set forth below:

(1) Well Blowouts. Notification of well blowouts and/or fires shall be "immediate notification" described below. ("Well blowout" is defined as being loss of control over and subsequent eruption of any drilling or workover well, or the rupture of the casing, casinghead, or wellhead or any oil or gas well or injection or disposal well, whether active or inactive, accompanied by the sudden emission of fluids, gaseous or liquid, from the well.)

(2) "Major" Breaks, Spills, or Leaks. Notification of breaks, spills, or leaks of 25 or more barrels of crude oil or condensate, or 100 barrels or more of salt water, none of which reaches a watercourse or enters a stream or lake; breaks, spills, or leaks in which one or more barrels of crude oil or condensate or 25 barrels or more of salt water does reach a watercourse or enters a stream or lake; and breaks, spills, or leaks of hydrocarbons or hydrocarbon waste or residue, salt water, strong caustics or strong acids, gases, or other deleterious chemicals or harmful contaminants of any magnitude which may with reasonable probability endanger human health or result in substantial damage to property, shall be "immediate notification" described below.

(3) "Minor" Breaks, Spills, or Leaks. Notification of breaks, spills, or leaks of 5 barrels or more but less than 25 barrels of crude oil or condensate, or 25 barrels or more but less than 100 barrels of salt water, none of which reaches a watercourse or enters a stream or lake, shall be "subsequent notification" described below.

(4) "Gas Leaks and Gas Line Breaks. Notification of gas leaks from any source or of gas pipe line breaks in which natural or casinghead gas of any quantity has escaped or is escaping which may with reasonable probability endanger human health or result in substantial damage to property shall be "immediate notification" described below. Notification of gas pipe line breaks or leaks in which the loss is estimated to be 1000 or more MCF of natural or casinghead gas but in which there is no danger to human health nor of substantial damage to property shall be "subsequent notification" described below.

(5) Tank Fires. Notification of fires in tanks or other receptacles caused by lightning or any other cause, if the loss is, or it appears that the loss will be, 25 or more barrels of crude oil or condensate, or fires which may with reasonable probability endanger human health or result in substantial damage to property, shall be "immediate notification" as described below. If the loss is, or it appears that the loss will be at least 5 barrels but less than 25 barrels, notification shall be "subsequent notification" described below.

(6) Drilling Pits, Slush Pits, and Storage Pits and Ponds. Notification of breaks and spills from any drilling pit, slush pit, or storage pit or pond in which any hydrocarbon or hydrocarbon waste or residue, strong caustic or strong acid, or other deleterious chemical or harmful contaminant endangers human health or does substantial surface damage, or reaches a watercourse or enters a stream or lake in such quantity

(7) IMMEDIATE NOTIFICATION. "Immediate Notification" shall be as soon as possible after discovery and shall be either in person or by telephone to the district office of the Division district in which the incident occurs, or if the incident occurs after normal business hours, to the District Supervisor, the Oil and Gas Inspector, or the Deputy Oil and Gas Inspector. A complete written report ("Subsequent Notification") of the incident shall also be submitted in DUPLICATE to the appropriate district office of the Division within ten days after discovery of the incident.

(8) SUBSEQUENT NOTIFICATION. "Subsequent Notification" shall be a complete written report of the incident and shall be submitted in duplicate to the district office of the Division district in which the incident occurred within ten days after discovery of the incident.

(9) CONTENT OF NOTIFICATION. All reports of fires, breaks, leaks, spills, or blowouts, whether verbal or written, shall identify the location of the incident by quarter-quarter, section, township, and range, and by distance and direction from the nearest town or prominent landmark so that the exact site of the incident can be readily located on the ground. The report shall specify the nature and quantity of the loss and also the general conditions prevailing in the area, including precipitation, temperature, and soil conditions. The report shall also detail the measures that have been taken and are being taken to remedy the situation reported.

(10) WATERCOURSE, for the purpose of this rule, is defined as any lake-bed or gully, draw, stream bed, wash, arroyo, or natural or man-made channel through which water flows or has flowed.

APPENDIX B

1-203. NOTIFICATION OF DISCHARGE--REMOVAL.

A. 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 unreasonably interfere with the public welfare or the use of property, the following notifications and corrective actions are required:

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, Ground Water Bureau, Environmental Improvement Division, 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 of the owner and/or operator of the facility;

b. the name and address of the facility;

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

g. any actions taken to mitigate immediate damage from the discharge.

2. When in doubt as to which agency to notify, the person in charge of the facility shall notify the Chief, Ground Water Bureau,
Environmental Improvement Division. If that division does not have authority pursuant to Commission delegation, the division shall notify the appropriate constituent agency.

3. Within one week after the discharger has learned of the discharge, the facility owner and/or operator shall send written notification to the same division 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.

4. The oral and written notification and reporting requirements contained in the three preceding paragraphs and the paragraphs below are not intended to be duplicative of discharge notification and reporting requirements promulgated by the Oil Conservation Commission (OCC) or by the Oil Conservation Division (OCD); therefore, any facility which is subject to OCC or OCD discharge notification and reporting requirements need not additionally comply with the nofification/and reporting requirements herein.

5. 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.

6. 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, Ground Water Bureau, Environmental Improvement Division or appropriate counterpart in a delegated agent, in an effort to determine the division'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.

7. The Bureau Chief shall approve or disapprove in writing the foregoing corrective action report within thirty (30) days of its receipt by the division. In the event that the report is not satisfactory to the division, 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 division.

8. In the event that the modified corrective action report also is unsatisfactory to the division, the facility owner/operator has five (5) days from the notification by the Bureau Chief that it is unsatisfactory to appeal to the division director. The division director shall approve or disapprove the modified corrective action report within five (5) days of receipt of the appeal from the Bureau Chief's decision. In the absence of either corrective action consistent with the approved corrective action report or with the decision of the director concerning the shortcomings of the modified corrective action report, the division may take whatever enforcement or legal action it deems necessary or appropriate.

B. Exempt from the requirements of this section are continuous or periodic discharges which are made;

1. in conformance with water quality control commission regulations and rules, regulations or orders of other state or federal agencies; or

2. in violation of water quality control commission regulations but pursuant to an assurance of discontinuance or schedule of compliance approved by the commission or one of its duly authorized constituent agencies.

C. As used in this section:

1. "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;

2. "facility" means any structure, installation, operation, storage tank, transmission line, motor vehicle, rolling stock, or activity of any kind, whether stationary or mobile;

3. "oil" means oil of any kind or in any form including petroleum, fuel oil, sludge, oil refuse and oil mixed with wastes;

4. "operator" means the person or persons responsible for the overall operations of a facility; and

5. "owner" means the person or persons who own a facility, or part of a facility.

D. Notification of discharge received pursuant to this regulation or information obtained by the exploitation of such notification shall not be used against any such person in any criminal case, except for perjury or for giving a false statement.

APPENDIX C

TELEPHONE LISTING OIL CONSERVATION
FAX NO. 827-8177

MAIN LINE - 827-7131

DIRECTOR'S OFFICE:

William LeMay	827-7132
Florene Davidson	827-7132
Sally Martinez	827-7133

GAS MARKETING

Ron Merrett	827-7146
Lyn Hebert	827-1364
Dorothy Phillips	827-7137
Angela Romero	827-7148
Chris Williams	827-7149

ADMINISTRATIVE BUREAU

Edwin Martin	827-7151
Mary Anaya	827-7150
Lupe Sherman	827-7178

ENVIRONMENTAL BUREAU

Roger Anderson	827-7152
Mark Ashley	827-7155
Pat Sanchez	827-7156
Chris Eustice	827-7153
William Olson	827-7154
Mobil No.	660-1067

RECORDS CENTER

Elizabeth Roybal	827-8164
Lawrence Romero	827-8166

HEARING ROOM - 827-7082

LEGAL BUREAU

Rand Carroll	827-8156
Diane Richardson	827-8153

ENGINEERING BUREAU

David Catanach	827-8184
Roy Johnson	827-8198
Michael Stogner	827-8185
Ben Stone	827-8186
Kathy Valdes	827-8182
Vacant	827-8183

KEY ENTRY SECTION

Becky Espy	827-8194
Rick Brown	827-1363
Fran Chavez	827-7158
Dolly Huffman	827-8196
Isabel Montoya	827-8195
Lynn Rivera	827-8197
Andrea Lauber	827-1362

ONGARD IMPLEMENTATION

Ed Martin	827-7151

DISTRICT OFFICES

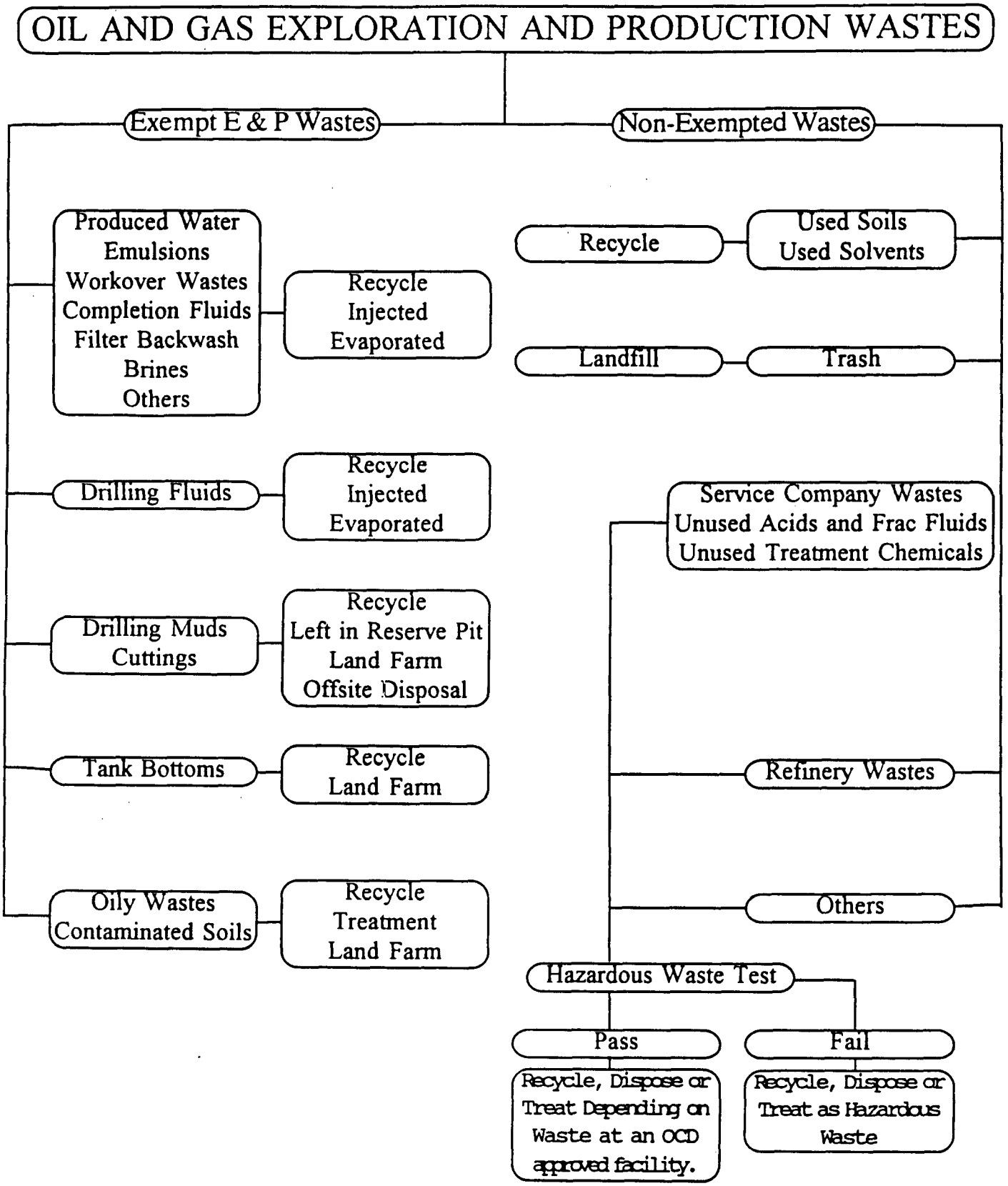
Aztec	334-6178
Artesia	748-1283
Hobbs	393-6161

FAX NOS. FOR DISTRICTS

AZTEC	334-6170
ARTESIA	748-9720
HOBBS	393-0720

XIII - Part B

New Mexico
OIL FIELD WASTES
CATEGORIES AND DISPOSAL METHODS



Please contact the Oil Conservation Division concerning any waste or disposal methods not listed.

EPA WASTE CLASSIFICATION
O & G EXPLORATION AND PRODUCTION WASTES*

Oil and Natural Gas Exploration and Production Materials and Wastes Exempted by EPA from Consideration as "Hazardous Wastes" (provided non-exempt waste which is or may be "hazardous" has not been added):

- Produced water;
- Drilling fluids;
- Drill cuttings;
- Rigwash;
- Drilling fluids and cuttings from offshore operations disposed of onshore;
- Geothermal production fluids;
- Hydrogen sulfide abatement wastes from geothermal energy production;
- Well completion, treatment, and stimulation fluids;
- Basic sediment and water and other tank bottoms from storage facilities that hold product and exempt waste;
- Accumulated materials such as hydrocarbons, solids, sand, and emulsion from production separators, fluid treating vessels, and production impoundments;
- Pit sludges and contaminated bottoms from storage or disposal of exempt wastes;
- Workover wastes;
- Gas plant dehydration wastes, including glycol-based compounds, glycol filters, filter media, backwash, and molecular sieves;
- Gas plant sweetening wastes for sulfur removal, including amines, amine filters, amine filter media, backwash, precipitated amine sludge, iron sponge, and hydrogen sulfide scrubber liquid and sludge;
- Cooling tower blowdown;
- Spent filters, filter media, and backwash (assuming the filter itself is not hazardous and the residue in it is from an exempt waste steam);
- Packing fluids;
- Produced sand;
- Pipe scale, hydrocarbon solids, hydrates, and other deposits removed from piping and equipment prior to transportation;
- Hydrocarbon-bearing soil;
- Pigging wastes from gathering lines;
- Wastes from subsurface gas storage and retrieval, except for nonexempt wastes listed below;
- Constituents removed from produced water before it is injected or otherwise disposed of;
- Liquid hydrocarbons removed from the production stream but not from oil refining;
- Gases from the production stream, such as hydrogen sulfide and carbon dioxide, and volatilized hydrocarbons;
- Materials ejected from a producing well during the process known as blowdown;
- Waste crude oil from primary field operations and production;
- Light organics volatilized from exempt wastes in reserve pits or impoundments or production equipment;
- *Liquid and solid wastes generated by crude oil and crude tank bottom reclaimers****.

Materials and Wastes Not Exempted (may be a "hazardous waste" if tests or EPA listing define as "hazardous") **:

- Unused fracturing fluids or acids;
- Gas plant cooling tower cleaning wastes;
- Painting wastes;
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids;
- Vacuum truck and drum rinsate from trucks and drums transporting or containing non-exempt waste;
- Refinery wastes;
- *Liquid and solid wastes generated by refined oil and product tank bottom reclaimers****;
- Used equipment lubrication oils;
- Waste compressor oil, filters, and blowdown;
- Used hydraulic fluids;
- Waste solvents;
- Waste in transportation pipeline-related pits;
- Caustic or acid cleaners;
- Boiler cleaning wastes;
- Boiler refractory bricks;
- Boiler scrubber fluids, sludges, and ash;
- Incinerator ash;
- Laboratory wastes;
- Sanitary wastes;
- Pesticide wastes;
- Radioactive tracer wastes;
- Drums, insulation, and miscellaneous solids.

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* Source: Federal Register, Wednesday, July 6, 1988, p.25,446 - 25,459.

** See important note on 1990 disposal restrictions for non-exempt waste on reverse.

*** See reverse side for explanation of oil and tank bottom reclaimer listings.

(rev. NMOCD 9/91)

COMMERCIAL SURFACE DISPOSAL FACILITIES

SOUTHEAST

COMPANY	ORDER NO.	LOCATION	WASTE	DATE
Burro Pipeline	R-3238	Lane Salt Lake S13 T10S R32E	PW	1967
C & C	R-9769-A	S02 T20S R37E	LF	1993
CRI	R-9166	S27 T20S R32E	PW TP S M	1990
Daugherty	R-5464	Crosby Salt Lake S24 T08S R29E S19 T08S R30E	PW	1977
ESSR	---	S01 T26S R31E	LF	1993
Loco Hills	R-6811-A	S16 T17S R30E	PW TP	1982
Parabo	R-5516	S29 T21S R38E	PW TP S M	1977 1983
R & R Inc.	---	S05 T02N R01E	PW	1993
Unichem	R-7113	S26 T23S R29E	PW	1982

NORTHWEST

COMPANY	ORDER NO.	LOCATION	WASTE	DATE
Basin Disposal	---	S03 T29N R11W	PW	1985
Envirotech No. 1	---	S26 T27N R11W	LF	1990
Envirotech No. 2	---	S06 T26N R10W	LF	1992
SWWD	---	S04 T29N R09W	PW	1988
Sunco	R-9485-A	S02 T29N R12W	PW	1991
TNT Construction	---	S08 T25N R03W	PW LF	1990 1992
Tierra	R-9772	S02 T29N R12W	LF	1992

PW - Produced Water
TP - Waste Oil Treating Plant
S - Solids
LF - Landfarm (Solids)
M - Drilling Muds

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, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

(GW-203) -PETROLITE CORPORATION, MR. DAN TARVER, P.O. BOX 740, Sundown, Texas, 79372-0740 has submitted a Discharge plan application for their Hobbs facility located in the NE/4, Section 7, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico. All effluents that may be generated at the facility will be collected in a closed top tank and transported offsite for disposal at an OCD approved facility; Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 100 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-204) -PETROLITE CORPORATION, MR. DAN TARVER, P.O. BOX 740, Sundown, Texas, 79372-0740 has submitted a Discharge plan application for their Artesia facility located in the SE/4 SW/4, Section 33, Township 16 South, Range 26 East, NMPM, Eddy County, New Mexico. All effluents that may be generated at the facility will be collected in a closed top tank and transported offsite for disposal at an OCD approved facility; Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 15 feet with a total dissolved solids concentration of approximately 2160 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-207) -BAKER PERFORMANCE CHEMICALS, INC., MR. JOHN COCKRUM, P.O. BOX 250, Lovington, NM, 88260 has submitted a Discharge plan application for their Lovington facility located in the NW/4, Section 21, Township 15 South, Range 36 East, NMPM, Lea County, New Mexico. All effluents that may be generated at the facility will be collected in a closed top tank and transported offsite for disposal at an OCD approved facility; Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 85 feet with a total dissolved solids concentration of approximately 450 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 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 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 16th day of June, 1995.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

by Deputy Director

SEAL

WILLIAM J. LEMAY, Director

PETROLITE

Petrolite Oil Field Chemicals Group
16010 Barker's Point Lane • Houston, Texas 77079
(713) 558-5200 • Telex 4620346 • Fax (713) 589-4737

Reply to: P.O. Box 60180
Midland, TX 79711-0180

FAX # 915-563-2066

DATE: 6-16-95

TO: Pat Sanchez

FROM: Kenneth Patterson

MESSAGE: Legal Discription

NUMBER OF PAGES (including Cover Page): 3

Per Our Conversation

505 927 8177

Petrolite Oil Field Chemicals Group
16010 Barker's Point Lane • Houston, Texas 77079
(713) 558-5200 • Telex 4620346 • Fax (713) 589-4737

Reply to: 110 W. Louisiana
Suite 400
Midland, Texas 79701

Att Ken Patterson

This is the Legal Discription on the Artesia stock Location

S.E. 1/4 of SW/4 of Section 33. Township 16 South Range 26 E.

I hope this is what you needed.

Thanks ML

505 827 8177

Inter-office Correspondence

Date: June 16, 1995

Copy to:

[redacted] DESCRIPTION OF HOBBS WAREHOUSE

The [redacted] as follows:

[redacted] of land located at Lots 4 and 5, Block 6, Unit 2, Del Norte Industrial Sub-division, NE 1/4, Section 7, T-18-S, R-38-E, Lea County, New Mexico. (Approximately 80 percent of the property is in the SE 1/4 of the NE 1/4 and approximately 20 percent is in the SW 1/4 of the NE 1/4.)

The center point of the property is at a latitude of 32° 45' 51" N and a longitude of 103° 10' 56" W.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

MEMORANDUM OF MEETING OR CONVERSATION

GW-203

☒ Telephone ☐ Personal | Time 3:50 pm | Date 6-12-95

Originating Party	Other Parties
Pat Sanchez - NMOCD	George Carey Tetra Lite

Subject: Legal Locations For GW-203, GW-204

Discussion

Told George I needed legal locations for Hobbs & Artesia. Told him he did not include Cor/Hyd. Information - told him I would use State Engineer Numbers for the Facilities.

Conclusions or Agreements

George will get Legal Location information - i.e. USGS 1/4 Section Township & Range For the Facilities. I'll use State Engineer numbers for Water Quality (i.e. Chloride & TDS) — when George gets me the Information then I'll do public notice

Distribution

GW-204

Signed Patricia A. Sanchez

PETROLITE

GW-204

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

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

June 2, 1995

RECEIVED
JUN
OIL CONSERVATION DIVISION

Pat W. Sanchez
State of New Mexico
Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87505

Re: Discharge Plan Requirement
Artesia, Hobbs, and Jal Facilities

CERTIFIED MAIL RETURN RECEIPT

Dear Mr. Sanchez:

In compliance with the Water Quality Control Commission Regulations, Petrolite is submitting discharge plans for its Artesia, NM and combined Hobbs, NM and Jal, NM facilities. Enclosed please find two checks in the amount of $1430.00 and three copies of each discharge plan. As per your instructions, Petrolite has combined the discharge plan applications for the Hobbs warehouse and Jal stock point. A copy of the Jal plot plan is attached to the back of the EPPCP & Spill Prevention Plan for the Hobbs facility.

Please address future correspondence and bills to:

Dan Tarver
Petrolite Corporation
P. O. Box 740
Sundown, TX 79372-0740

Should you have any questions, please do not hesitate to contact me at 314/968-6068.

Sincerely,

George A. Cary
Manager, Regional SHEA Operations
Tretolite Division

Enclosures

RECEIVED
JUN 09 1995
Environmental Bureau
Oil Conservation Division

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

DISCHARGE PLAN APPLICATION FOR OIL FIELD SERVICE FACILITIES

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

I. **TYPE OF OPERATION:**

Oil field chemical service company.

II. **OPERATOR:**

Petrolite Corporation

Industrial Park North Loop 299
2402 Industrial Ave.
Artesia, NM 88211-1140

Mike Harrison - Warehouse Foreman
(505)746-3588

III. **LOCATION:**

See attached combined: "**Emergency Preparedness, Prevention & Contingency Plan, and Spill Prevention Response Plan**"

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

City of Artesia, NM
511 West Texas Ave.
Artesia, NM 88211

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

See attached combined: "**Emergency Preparedness, Prevention & Contingency Plan, and Spill Prevention Response Plan**"

VI. **Description of all materials stored or used at site.**

See Part VI. Form

VII./VIII. **Description of present sources of effluent and waste solids, average quality and daily volume of waste water. Liquid and solid waste collection/treatment/disposal.**

No waste water discharges.

See Combined Part VII. / VIII. Form

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

No planned modifications.

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

Drums and tanks are inspected daily during the normal work week. Leaking drums are placed in salvage drums and returned to Midland, TX. Leaking tanks or piping systems are repaired immediately.

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

See attached combined: "**Emergency Preparedness, Prevention & Contingency Plan, and Spill Prevention Response Plan**"

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

Not applicable. No on-site dispoals.

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

None.

XIV. CERTIFICATION

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

Name: George A Cary **Title:** Manager Regional SHEA Operations

Signature: [signature] **Date:** 5-30-95

Discharge Plan Application *Part VI. Form*				
Name	Solids (S) or Liquids (L)	Type of container (tank, drum, etc)	Estimated Volume	Location (yard, shop, drum storage, etc.)
Drilling Fluids		None	0	
Brines		None	0	
Acids/Caustics		None	0	
Detergents/Soaps		None	0	
Solvents & Degreasers xylene 1,1,1 trichloroethane chloroform	 L L L	 bottle bottle bottle	 5 gal 5 gal 1 gal	 lab lab lab
Oil and water soluble oil field and refinery specialty organic chemicals used in demulsification, scale Inhibition, corrosion inhibition, paraffin dispersion, water clarification, biocides, surfactants, hydrogen sulfide control, and others.	L	drums	300-400 drums	yard
Above chemicals used in contract treating operations	L	tanks	150 - 1,000 gallons	yard
Labortory waste oil field sample collection tank	L	tank	5 - 15 gallons per month	lab

Discharge Plan Applicaiton *Combined Part VII. / VIII. Form*				
Name / Waste Type	**General Composition and Source (solvents from parts cleaning, oil filters from trucks, etc.)**	**Volume per month (bbl or gal)**	**Major Additives (eg degreaser fluids from truck washing, soap in steam cleaners)**	**Method of Disposal**
Truck Waste		None		
Truck, Tank & Drum Washing		None		
Steam Cleaning of Parts, Equipment, Tanks		None		
Solvent/Degreaser Use	Laboratory solvents, reagents and lab wastes containing: Xylene, 1,1,1-trichloroethane, chloroform, chromates, silver nitrate mercuric chloride .	2-5 gallons per month	Oil field sample analyses	RCRA TSDF
Spent Acids, Caustics, or Completion Fluids		None		
Waste Slop Oil		None		
Waste Lubrication and Motor Oils		None		
Oil Filters		None		
Solids & Sludges from Trucks (Describe types of materials [e.g. crude oil tank bottoms, sands, etc.]		None		
Painting Wastes		None		
Sewage (Indicate if other wastes mixed with sewage; if no commingling, domestic sewage under jurisdiction of the NMEID)	Domestic wastes and laboratory glassware cleaning.	1,000 gallons per month	No Commingling,	Artesia, NM POTW

Discharge Plan Applicaiton *Combined Part VII. / VIII. Form*				
Name / Waste Type	**General Composition and Source (solvents from parts cleaning, oil filters from trucks, etc.)**	**Volume per month (bbl or gal)**	**Major Additives (eg degreaser fluids from truck washing, soap in steam cleaners)**	**Method of Disposal**
Other Waste Liquids (describe in detail)	Rainwater collection from CT tanks secondary containment basins	0 - 200 gallons per month	De minimus ,if any, chemical contamination from daily operations.	Used as flush water in contract treating operations
	Chemical spills from unforeseen upsets in CT tank storage are	Unknown	Unknown	Recovered liquids would still have treating capability and would be used in CT operations. Recovered solids would be profiled under RCRA to determine status.
	Waste / unused oil field lab samples	5 - 15 gallons per month	crude oil, brine	Returned to customer's production system.

Discharge Plan Applicaiton *Combined Part VII. / VIII. Form*				
Name / Waste Type	**General Composition and Source (solvents from parts cleaning, oil filters from trucks, etc.)**	**Volume per month (bbl or gal)**	**Major Additives (eg degreaser fluids from truck washing, soap in steam cleaners)**	**Method of Disposal**
Other Waste Solids (Cement, construction materials, used drums)				
Used Tires	Truck Operation	4-6 per year	None	Returned to supplier for recapping
Chemical transfer hoses	Contract treating operations.	8 - 12 per year	None	Returned to supplier for recycling
Wood pallets	Chemical delivery	6 - 12 per year	None	Landfill
DOT/ EPA Empty Drums	Petrolite product line	300-400 drums per month	None: water & oil soluble oil field chemicals	Recycled by authorized drum reconditioner
Empty new and used field storage tanks (110 - 250 gallon capacity).	Customer service bulk chemical field tanks	0 - 20	None to a few gallons of chemical residue per tank.	Residues still have treating capability and are used in contract treating operations.
Oil field oil and water samples	Crude oil and brine	10 - 20 gallon per month	None	Returned to customer's production system

Discharge Plan Applicaiton *Combined Part VII. / VIII. Form*				
Name / Waste Type	**General Composition and Source (solvents from parts cleaning, oil filters from trucks, etc.)**	**Volume per month (bbl or gal)**	**Major Additives (eg degreaser fluids from truck washing, soap in steam cleaners)**	**Method of Disposal**
Laboratory supplies (glassware, sample bottles, equipment, etc.)	de minimus residues of lab reagents and field samples	0 - 50 lbs per month.	oil residues, rinsed glassware, etc.	Glassware rinsed or drained - sent to landfill. Product sample bottles returned to Midland, TX warehouse for TSDF disposal.
Paper wastes	Office supplies and packing materials	100 lbs per month	None	Landfill
Miscellaneous solid waste	General Operations	Unknown	None	Landfill

Petrolite Corporation

Artesia Stockpoint

Industrial Park North Loop 299
2402 Industrial Ave.
Artesia, NM

Version 1. 0
May 1995

Emergency Preparedness, Prevention & Contingency Plan

and

Spill Prevention Response Plan

Artesia, NM Stock Locaiton
EMERGENCY TELEPHONE NUMBERS

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

Artesia Fire Department 505/746-2701	**Artesia Police Department** 505/746-2704
National Response Center 1/800-424-8802	Water Quality Control Comm. 505/827-2824
Hospital - Emergency Center Artesia General Hospital 505/748-3333	New Mexico State Police 505/746-2703
Eddy County Sheriff	505/746-9888
Petrolite Emergency Information (CHEMTREC)	1/800-424-9300
Primary Coordinator Mike Harrison Warehouse Foreman 308 Lawerance Ranch Rd. Lake Arther, N.M. 88253	Work: 505/746-3588 Car: 505/365-7408 Home: 505/365-2160
Secondary Coordinator : Andy Miller - Sales Engineer 807 W. Hermosa Artesia, N.M. 882120	Mobile: 505/365-7405 Home: 505/748-3699
Official Spokesperson/media rep. Mike McPeak, Mngr. Distribution Services 11844 SW 3rd Terrace Yukon, OK 73099-6930	Work: 1-405/728-9958 Home 1-405/324-5952
Regional Distribution Manager Kenneth Patterson 4004 Norwood Midland, TX 79707	Work: 915/563-2140 Home 915/697-1152 Mobile: 915/580-3736
Manager Regional SHEA Operations George A Cary 1865 Shiloh Woods Rd Chesterfield, MO 63005	Work: 314/968-6068 Home: 314/458-0982 Pager: 1-800-443-7243, ID# 008678
Corporate Environmental Engineer Edward M. Cox 1574 Sycamore Meadows Dr Ballwin, MO 63011	Work: 314-968-6247 Home: 314-225-7443 Pager: 1-800-443-7243, ID# 008680

PETROLITE CORPORATION, Artesia FACILITY

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

TABLE OF CONTENTS

PETROLITE CORPORATION, Artesia 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 Artesia facility is located at Industrial Park North Loop, 299 2402 Industrial Ave. Artesia, NM . The facility is comprised of an office/sales field laboratory, product storage yard, contract treating and product loading/unloading area. Petrolite leases 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 Warehouse Foreman/Driver who assists in coordinating receiving and shipping activities. Facility operations consist of the Warehouse Foreman/Driver and three contract treating drivers. The Warehouse Foreman/Driver reports directly to the Regional Distribution Manager. This location also provides lab facilities for a sales technician and other sales personnel on an intermitant basis. The Regional Distribution 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, or (3) 5 gallon pails. 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 characteization 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 Artesia 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 the Warehouse Foreman/Driver and three contract teating drivers.

2.1.2 The Regional Distribution 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

Mike Harrison - Warehouse Foreman
308 Lawerance Ranch Rd.
Lake Arther, N.M. 88253

Work: 505/746-3588
Car: 505/365-7408
Home: 505/365-2160

2.3.2 Secondary Coordinator:

Andy Miller - Sales EngineeR
807 W. Hermosa
Artesia, N.M. 882120

Mobile: 505/365-7405
Home: 505/748-3699

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
   Kenneth Patterson — Work: 915/563-2140
   4004 Norwood — Home 915/697-1152
   Midland, TX 79707 — Mobile: 915/580-3736

2. Delivery Services Manager
   Mike McPeak — Work: 1-405/728-9958
   11844 SW 3rd Terrace — Home 1-405/324-5952
   Yukon, OK 73099-6930

3. Corporate Environmental Engineer
   Edward M. Cox, — Work: 314-968-6247
   1574 Sycamore Meadows Dr. — Home: 314-225-7443
   Ballwin, MO 63011 — Pager: 1-800-443-7243, ID# 008680, Type Phone #, Hang Up

4. Manager Regional SHEA Operations
   George A Cary — Work: 314/968-6068
   1865 Shiloh Woods Rd — Home: 314/458-0982
   Chesterfield, MO 63005 — Pager: 1-800-443-7243, ID# 008678 Type Phone #, Hang Up

4. Director Corporate Safety, Health, Environmental Affairs
   Mark Henson — Work: 314/968-6135
   17972 Rosemar Lane — Home: 314/458-0982
   Glencoe, MO 63038

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 being 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 five 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 Artesia 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 Artesia 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 **746-2701**. 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 south and assemble against on the gravel driveway off of the North Loop 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 south side of the main 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 Artesia facility is by VOICE.

1.2.4.1 **External Reporting** - All required assistance should be summoned through the 911 operator or **424-2701**. The call for assistance is the responsibility of the individual witnessing the emergency.

1.2.4.2 **Internal Reporting** - The Regional Distribution Manager must be notified immediately, with follow-up notification to the SHEA department as soon as practical. The SHEA department will make all other required internal notifications.

1.2.5 The storage of flammable liquids at this site presents a potential fire hazard. Petrolite has established proper procedures for handling and storage of these materials.

1.2.6 The office area contains many different types of electrical appliances, including electric typewriters, 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 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 Warehouse Foreman/Driver is responsible for maintenance and inspection of fire control 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 Warehouse Foreman/Driver 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 a regular basis. 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 (including vehicle operation) 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.

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, or **746-8802** 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 Regional Distributiion Manager and SHEA Department must be advised of the situation. The SHEA Department will make other required notifications.

1.7 Follow-up Reporting

1.7.1 The Regional Distribution Manager, in concert with the Manager of Regional SHEA Operations, 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 Regional Distribution Manager 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, or the local emergency number, 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 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 1-800-424-9300.

2.2.4 Based upon the seriousness of the accident, the designated facility representative 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 , or the local emergency number, as indicated above in Section 2.2. You should next notify the Regional Distribution Manager, who will in turn notify the victim's supervisor of the incident. If the incident involves Distribution personnel, the Regional Distribution Manager will notify the Manager of Distribution Services and the Corporate Safety Department as appropriate.

2.4 Follow-up Reporting

2.4.1 All medical incidents will be investigated by the Regional Distribution Manager, or the employees immediate supervisor 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 by the SHEA Project Coordinator in St. Louis 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 Artesia facility:

Appendix I
Emergency Control Procedures

Artesia Police	911 or 318-837-6259
Eddy County Sheriff's Department	911 or 318-232-9211
Artesia Fire Department	911 or 318-837-6259
Lafayette General Medical Center	318-261-7991
Department of Environmental Quality	318-262-5584
Acadiana Ambulance Service	911 or 318-267-1111

2.6.2 All above listed agencies have been provided with a copy of this plan. The Artesia 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 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 and hazardous waste 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 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 and hazardous wastes stored at the stock point and its proximity to major water sources, contamination of a waterway is unlikely. In the event that product or hazardous waste 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.

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 stock point. Vacuum truck services are available through OHM Corporation, 1090 Cinclare Dr., Port Allen, NM 70767, (504)389-9596 or (800)537-9596. 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 shed and on the delivery/CT trucks. Backhoe services are available through TAD Trucking Company, 814 W. Marland, Hobbs, NM 88240, (505)393-1010. Waste will be profiled and stored for disposal in 55 gallon drums available at the stock point 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 on the loading dock and next to the shed. 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 Site Map.

3.4.2 The following emergency response equipment is maintained on-site:

Appendix I
Emergency Control Procedures

Location	Description
Yard	3 - 20 Lb Fire Extinguishers
Yard	1 - 10 Lb Fire Extinguishers
Office/Lab	1 - 10 Lb Fire Extinguisher
Fork Lifts	1 - 2 Lb Fire Extinguisher
Trucks	1 - 10 Lb Fire Extinguisher

3.4.3 Items listed below are to be used in the event of a spill.

1 - Bag of assorted wooden pegs.
Absorbent. (in Salvage drum)
Sucker Pillows (17" X 17")
Snake Tubes (48" X 3")
Booms (10' X 4")
2 - Disposable Suits (Tyvek)
2 - Pair Tyvek Gloves
3 - Salvage Drums.
Shovel

3.4.4 The above material is stored inside the Salvage drums, and/or the shed. The facility also has at least 3 to 5 open head drums which should be used to collect contaminated soil.

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.

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 Warehouse Foreman/Driver 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. The SHEA Department will also make any additional notifications that need to be made.

3.7 Follow-up Reporting

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

3.8 Record Retention

3.8.1 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 Regional Distirubtion Manager as well as in the SHEA department. 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 at the assembly point at the front driveway and a head count will be made.

4.2 Specific Considerations

4.2.1 Internal Emergencies

4.2.1.1 When conditions become untenable, any designated employee shall verbably alert all other employees of the need to evacuate. When alerted, 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 person in charge. Insofar as practical, prior to shutdown, all equipment and small containers should be 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 verbal command system is to be used for facility evacuation.

4.4 Evacuation Route

4.4.1 Go through the front door of the office building, turn left, go out the gate and proceed to the designated assembly location.

4.4.2 Alternative Evacuation Route: If necessary, go through the gate on the west side of the property.

Appendix I
Emergency Control Procedures

4.5 Assembly Location

4.5.1 Employees should assemble at the North Side Of SR 229 North Loop along the driveway.

4.6 Authorized Personnel

4.6.1 Personnel authorized to take emergency action are:
- 4.6.1.1 Mike Harrison
- 4.6.1.2 Andy Miller
- 4.6.1.3 Any involved employee

Appendix I
Emergency Control Procedures

Appendix II
Site Map / Utility Shut-off

Appendix II
Utility Shut-off

UTILITY SHUT-OFFS FOR THE ARTESIA STOCK LOCATION

1.0 WATER SERVICE

1.1 There is one water shut-off located on the south side of the property.

2.0 ELECTRICAL SERVICE

2.1 The electrical panel and main shut-off for the office/lab is located inside the building.

3.0 GAS SERVICE

3.1 This facility has no natural gas service.

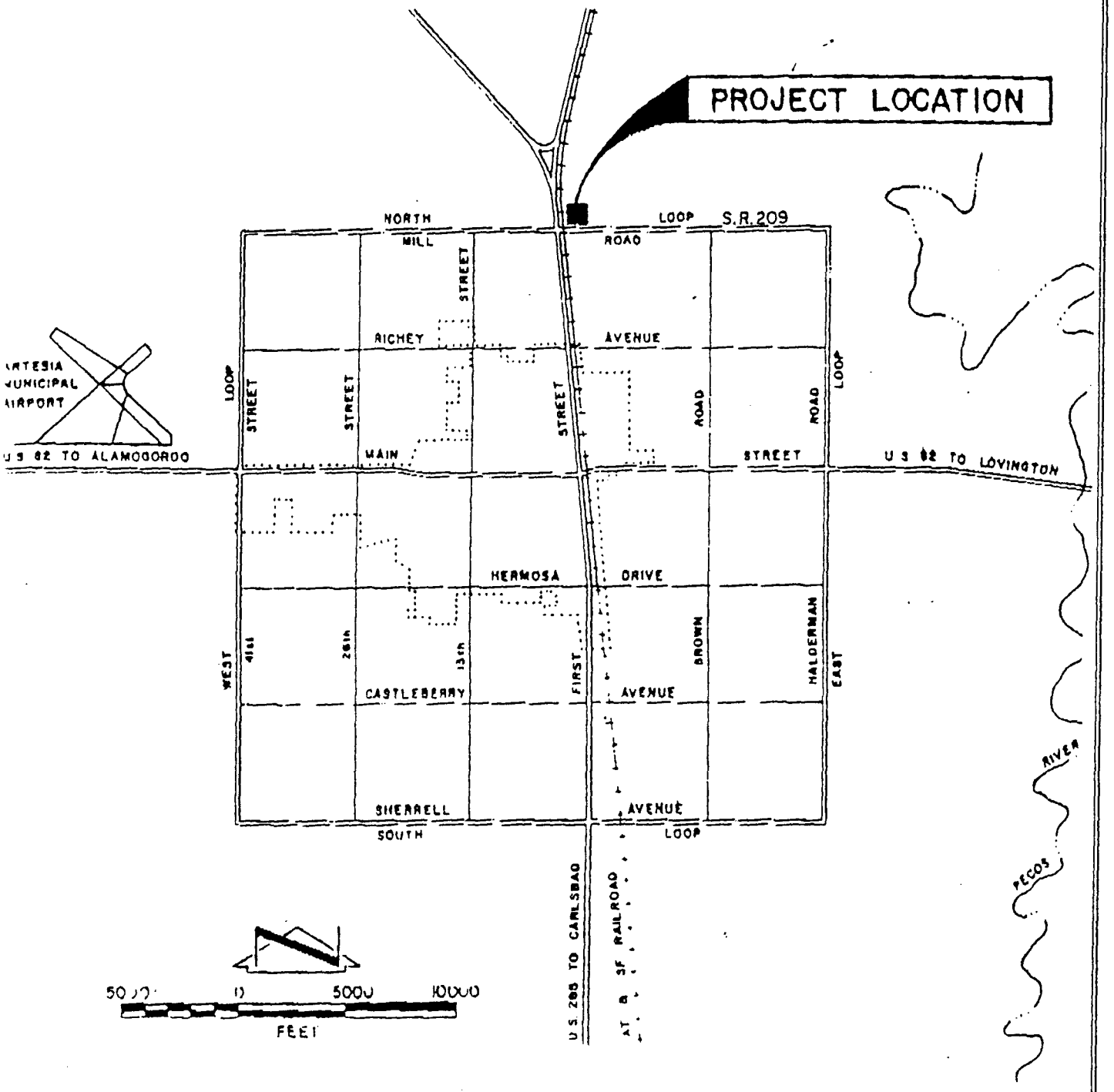
Date of last revision 9/4/93

This revision supersedes all previous copies of the Contingency Plan for the Artesia, N.M. facility. Please discard all other copies.

Appendix II
Utility Shut-off

SITE MAPS

ARTESIA NM.



JOHN D. JAQUESS AND ASSOCIATES

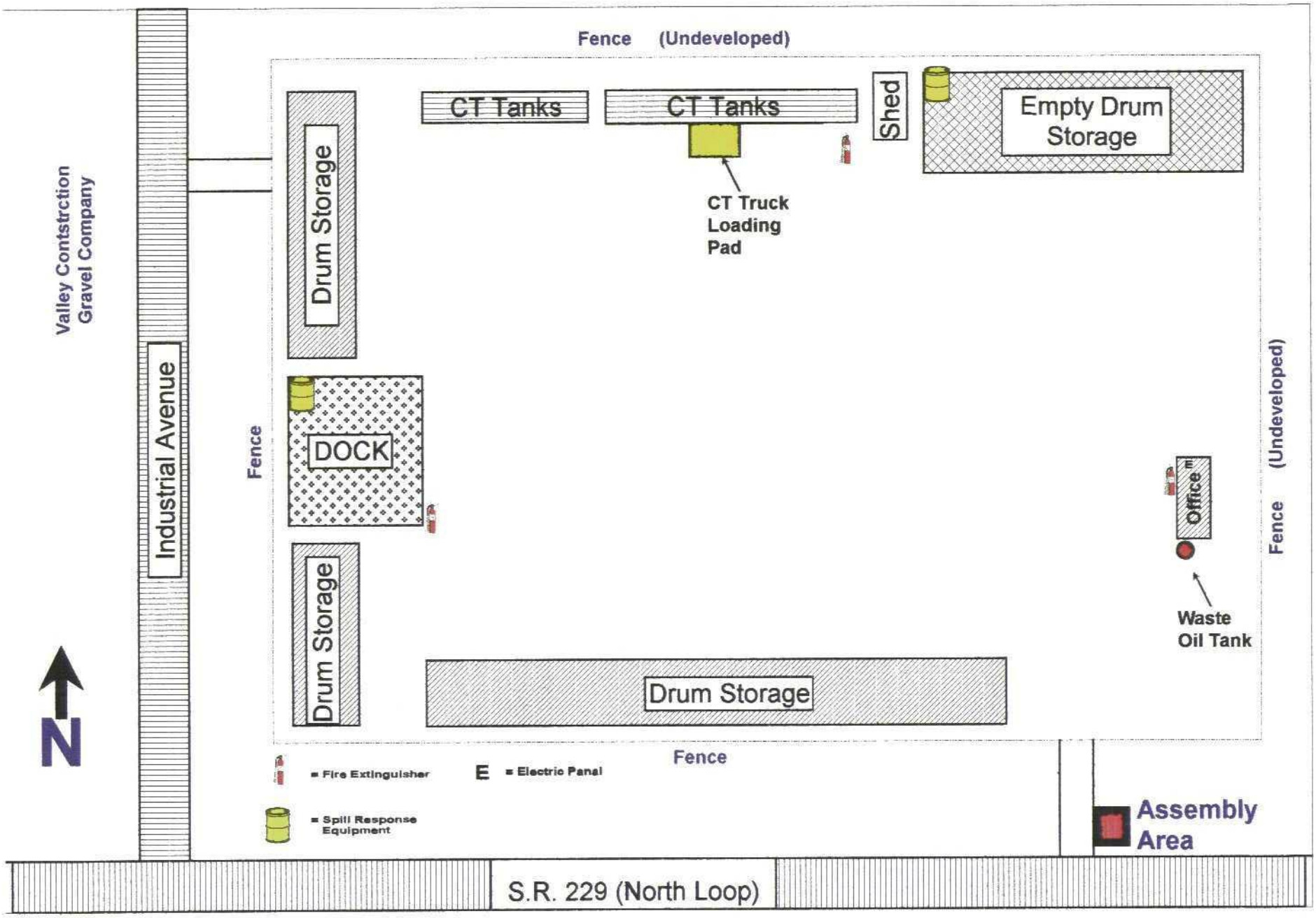
VICINITY MAP

TRETOLITE CHEMICAL COMPANY

ARTESIA, NEW MEXICO

DWG. NO. 1 OF 4 | DATE: MAY, 1991

Tretolite Chemical Company - Artesia, N.M.



STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

MEMORANDUM OF MEETING OR CONVERSATION

[X] Telephone [ ] Personal	Time	Date
	8:45 AM	6-1-95

Originating Party	Other Parties
George Cary w/ Tretolite	Pat Sanchez

Subject: Mailing Discharge Plans for Hobbs, Artesia and Jal.

Discussion: Wanted to know how to submit Plans. I told him I would discuss with RCA and call right back. Talked with RCA and relayed the following to George: Submit Hobbs and Jal as one - w/ one set of fees we would permit Jal as a suttelite of Hobbs.

Conclusions or Agreements: George will mail Hobbs and Jal as one w/ one set of fees. Artesia will be seperate.

Distribution

Signed Robert W. Goodyear

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

March 15, 1995

CERTIFIED MAIL
RETURN RECEIPT NO.Z-765-962-648

Mr. George A. Cary
Petrolite (Tretolite Division)
369 Marshall Avenue
St. Louis, MO 63119

RE: Discharge Plan(s)
Artesia and Hobbs Facilities
Eddy and Lea Counties, New Mexico

Dear Mr. Cary:

Enclosed is the additional information that you requested at the end of the field inspection of the Tretolite facilities located in South East New Mexico.

1. A copy of NMOCD rule 116 - spill notification.

2. Commercial surface disposal facilities.

3. New Mexico Oil Field Wastes - Categories and Disposal Methods.

If there are any questions please feel free to call me at (505)-827-7156 or Roger Anderson at (505)-827-7152.

Sincerely,

Patricio W. Sanchez
Petroleum Engineer - Environmental Bureau NMOCD

State of New Mexico
ENERGY, M[illegible]RALS and NATURAL RESOURCES DE[illegible]RTMENT
Santa Fe, New Mexico 87505

New Mexico DRUG FREE It's a State of Mind!

February 2, 1995

CERTIFIED MAIL
RETURN RECEIPT NO.Z-765-962-634

Mrs. Gail Parker
Tretolite Division
5624 Lovington HWY
Hobbs,NM 88240-9143

RE: Discharge Plan Requirement
Hobbs Facility
Lea County, New Mexico

Dear Mrs. Parker:

Under the provision of the Water Quality Control Commission (WQCC) Regulations, you are hereby notified that the filing of a discharge plan is required for Tretolites facility located at 5624 Lovington HWY in Hobbs, New Mexico.

The discharge plan is required pursuant to Section 3-104 and 3-106 of the WQCC regulations. The discharge plan, defined in Section 1.101.Q of the WQCC regulations should cover all discharges of effluent or leachate at the facilty site or adjacent to the facility site. Included in the plan should be plans for controlling spills and accidental discharges at the facility, including detection of leaks in buried underground tanks and\or piping.

Pursuant to Section 3-106.A, a discharge plan should be submitted for approval to the OCD Director within 120 days of receipt of this letter. Three copies of the discharge plan should be submitted.

VILLAGRA BUILDING - 408 Galisteo
Forestry and Resources Conservation Division
P.O. Box 1948 87504-1948
827-5830
Park and Recreation Division
P.O. Box 1147 87504-1147
827-7465

2040 South Pacheco
Office of the Secretary
827-5950
Administrative Services
827-5925
Energy Conservation & Management
827-5900
Mining and Minerals
827-5970
Oil Conservation
827-7131

A copy of the regulations have been provided for your convenience. Also provided is an OCD guideline for the preparation of discharge plans at oil & gas service companies. The guideline addresses berming of tanks, curbing and paving of process areas susceptible to leaks or spills and the disposition of any solid wastes.

The discharge plan is subject to the WQCC Regulation 3-114 discharge plan fee. Every billable facility submitting a discharge plan will be assessed a fee equal to the filing fee of fifty (50) dollars plus the flat rate of one thousand, three hundred and eighty ($1380) dollars for oil & gas service companies. The fifty (50) dollar filing fee is due when the discharge plan is submitted. The flat rate fee is due upon approval of the discharge plan.

Please make all checks payable to: **NMED Water Quality Management** and addressed to the OCD Santa Fe office.

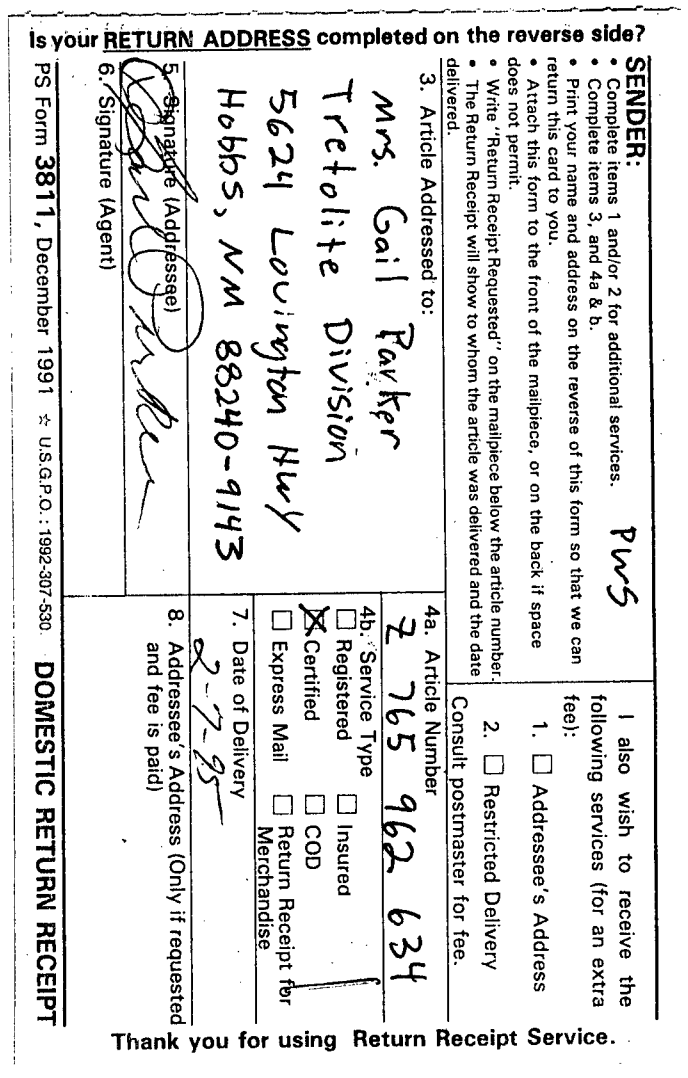
If there are any questions on this matter, please feel free to contact Patricio Sanchez at 827-7156 or Roger Anderson at 827-7152.

Sincerely,

William J. LeMay
Director

WJL/pws

XC: OCD Hobbs Office



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ARTESIA QUADRANGLE
NEW MEXICO–EDDY CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

Facility Location Artesia, NM

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Culture and drainage in part compiled from aerial photographs taken 1946. Topography by planetable surveys 1955

Polyconic projection. 1927 North American datum
10,000-foot grid based on New Mexico coordinate system, east zone
1000-meter Universal Transverse Mercator grid ticks, zone 11, shown in blue

Red tint indicates areas in which only landmark buildings are shown

Revisions shown in purple compiled from aerial photographs taken 1975. This information not field checked

Purple tint indicates extension of urban areas

UTM GRID AND 1975 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

ROAD CLASSIFICATION

Heavy-duty — Light-duty
Medium-duty — Unimproved dirt
Interstate Route — U.S. Route — State Route

NEW MEXICO
QUADRANGLE LOCATION

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ARTESIA, N. MEX.
N3245—W10422.5/7.5

1955
PHOTOREVISED 1975
AMS 5149 IV SW—SERIES V881