

# PERMITS, RENEWALS, & MODS Application

#### Jones, Brad A., EMNRD

From:	Seale, Runell [RSeale@eprod.com]
Sent:	Monday, March 10, 2008 12:43 PM
То:	Jones, Brad A., EMNRD; Price, Wayne, EMNRD
Cc:	Jordan, Doug
Subject:	FW: Re: NMOCD Discharge Plans-MAPL Pump Stations
Importance:	High
Follow Up Flag:	Follow up
Flag Status:	Red
Attachments:	White Lakes Pump Station NMOCD Discharge Plans.pdf; San Luis Pump Station NMOCD Discharge Plans.pdf; Mesa Pump Station NMOCD Discharge Plans.pdf; Lybrook Pump Station NMOCD Discharge Plans.pdf; Kutz Pump Station NMOCD Discharge Plans.pdf; Huerfano Pump Station NMOCD Discharge Plans.pdf; Estancia Pump Station NMOCD Discharge Plans.pdf; Duran Pump Station NMOCD Discharge Plans.pdf; Landowner notification FEDEX delivery reciept.pdf

#### Brad/Wayne,

The attached are signed/scanned copies of the landowner notification for the eight MAPL pump station sites under which we do not own the surface. These were sent via Federal Express with several of the notices going to the same address; I have scanned the detailed tracking results showing delivery of the letters to the BLM. Please call if you have any questions.

### **Runell A. Seale**

Specialist, Environmental Permitting **EPCO, Inc., providing services to Enterprise Products Operating LLC and TEPPCO** 614 Reilly Ave. Farmington, NM 87401 505 599-2124 office 505 599-2538 fax 505 320-2816 cell e-mail: <u>rseale@eprod.com</u>

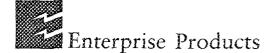
From: Thompson, Stephanie Sent: Monday, March 10, 2008 6:25 AM To: Nolan, Shiver Cc: Seale, Runell; Jordan, Doug Subject: Re: NMOCD Discharge Plans

Good morning,

Attached are the NMOCD Discharge Plans letters sent out by Federal Express on Friday, 3/7/08. Copies of the letters with the air bill receipts will be given to Shiver. Thank you.

Stephanie Thompson EHS&T, Planning & Permits 713-803-2201 <u>srthompson@teppco.com</u>

This inbound email has been scanned by the MessageLabs Email Security System.



P.O. Box 4324 Houston, Texas 77210-4324 713.880.6500 2727 North Loop West Houston, Texas 77008-1044 www.epplp.com

March 7, 2008

#### FEDERAL EXPRESS 8577 1946 8668

Bureau of Land Management Rio Puerco Field Office 435 Montano Road, NE Albuquerque, NM 87107-4935

#### RE: Notification of Renewal – NMOCD Discharge Plans San Luis Pump Station – GW-333 SE/4, NW/4 Section 13, Township 17 North, Range 3 West

Gentlemen:

Enterprise Products Operating LLC, as operator of the captioned facility on behalf of Mid-America Pipeline Company, owner; has made application to the New Mexico Oil Conservation Department for renewal of the Discharge Permit for the captioned facility. We are sending notification to you as the landowner of record for this property.

This facility is a pipeline pump station that pumps natural gas liquids and refined petroleum products to various distribution centers. No onsite discharges are intentionally allowed to contact or enter surface or groundwater. Any waste products generated from normal operating and maintenance at the site are trucked off-site for recycling and or appropriate disposal.

Should you have any questions pertaining to this application you may contact me at 713-880-6629.

Sincerely,

Doug Jordan<sup>V</sup> Manager, Environmental Permitting

/srt

#### Jones, Brad A., EMNRD

From:	Seale, Runell [RSeale@eprod.com]
Sent:	Thursday, February 14, 2008 2:58 PM
То:	Price, Wayne, EMNRD; Jones, Brad A., EMNRD
Cc:	Jordan, Doug
Subject:	Affidavit of Publication - MAPL San Luis and San Ysidro Pump Stations
Attachments	: Affidavit of Publication San Luis.pdf; Affidavit of Publication San Ysidro.pdf

Wayne & Brad,

The attached files are scanned copies of the affidavit of publication for the two remaining MAPL pump stations.

## **Runell A. Seale**

Specialist, Environmental Permitting **EPCO, Inc., providing services to Enterprise Products Operating LLC and TEPPCO** 614 Reilly Ave. Farmington, NM 87401 505 599-2124 office 505 599-2538 fax 505 320-2816 cell e-mail: <u>rseale@eprod.com</u>

This inbound email has been scanned by the MessageLabs Email Security System.

#### AFFIDAVIT of PUBLICATION

, being first duly sworn, deposes and

that said publication

says: That (he) (she) is the Agent to the Publisher of the Rio Rancho Observer printed and published 2 days a week in the County of Sandoval, State of New Mexico and of general circulation in the City of Rio Rancho, County of Sandoval, State of New Mexico and elsewhere, and the hore to attached

STATE OF NEW MEXICO ) SS COUNTY OF SANDOVAL )

San Ysidno

Rylish Sponish Public Notice

Dof

was printed and published correctly in the regular and entire issue of said The Rio Rancho Observer for <u>issues</u>, that the

day of Jon un 2008 first was made on the and the last publication thereof was made on the day of

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was made on each of the following dates, to wit:

Request of.

#### THE RIO RANCHO OBSERVER

By: Affiant

Subscribed sworn to before me this

12 day of January

20/7X

NotaryPublic in and for the County of Sandoval, State of New Mexico

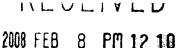
C. Oak. Bach SANN SAUNIER HOTARY PUBLIC MATE OF NEW MEXICO

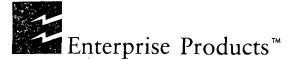
La empresa Erriterprise Products Operating, L.P. de parte de Mid-America Pipeline Company, LLC, cuya dirección es P. O. Box 4324, Housion, FX 77210-4324 ha presentado ante la Oil Conservation Divide Sendaval. Nuero Mexico, approvimedemente 3 milias al sur de San Ysidto. Nuevo México. La dirección de la facilitad es 21000 Almóiste 550. San Ysidto. NM. Las pregunas con respecto a éstá aplicación sion (Division de Conservación del Petróleo, OCD por sus siglas en 'de Nuevo Mérodo) una solicitud para la ranovoción del plan de descanga (GW-332), antenimente aprobado, para su estación compressor San Indies) del New Mexico Energy, Minerals and Natural Resources De parturient (Departamento de Engeria, Minerales y Recursos Naturales Ysideo Pump Slattori ubicada en la parte noresta de la Sección 19. Distrito Municipat (Township) 15 Noite, Zona (Range) 2 Este en el condado Està facilitad es una estactón da bomba de tuberte que bombee gas neural liquidos y derivados del petroleo refinados a varios centros de distribución. Ningunas descargas en el sitio son permisidas Cualquier desecho engendrado de operar y conservación normales en el sitio es transportado en camión fuera de obra para recidar y o apro-pia la disposición. Mosib la profundidad de egua en el sito es estimada para ser 30 a 50 pies debajo de la superitat. Total se disposition la conintencionalmente contactar ni entrar superficté ni agua subtentana. centración de solidos de gamas de aqua subtimanda de area de 200 a S. del sur Francis Narieja. Sama Fe, Niewo Mexico. (505) 476: 5460 Para la mitorinación. para somelara los comentarios. y para solicitar reta se conceso an una ista de anio faculdadespecífico para notas Los partidos interesedos pueden contractas Sr. Precedida Wayne en la Effetgria de Nuevo Ménico, los Milheirales y el Deportamento Natural de Recursos, la Direstor da la Conservación del Periodo 1220 ow misres con respecto a la apticación y create una fista de envio fact pueden ser dirigidas a Sr. Doug Jonania en la drección de Muteton. Paid Advis idadi especifico pare personas que desean reción notas foluras. Muritise El Departamento acaptaria los minimarina cuma na AVISO PUBLICO 2000 partes por militin. als and Natural Resources Department. Oil Conservation Division for a refiewal of the previously approved discharge plan (GW-332) for the Ser Ysidto Pump Station. This facility is located in the SE4 fine Company, LLC, P. O. Box 4324, Houston, TX 77210-4324, has submitted a renewet application to the New Mexico Energy, Minerof the NW/4 Section 19. Township 15 North, Range 2 East in Sandoval County, NM. approximately 3 miles south of San Ysidro, New Mexico. The address of the facility is 21000 Hwy 550, San Ysidro, Enterprise Products Operating, L.P. on behalf of Mici-America Pipe This facility to a pholine purry station that purrys natural 989 killuds and relined petroleum products to various distribution 2000 parts pet maken Internet dantes may confact Mr. Wayne Prine at the New Mexico Erletutys Monetals and Natural Resources Department, Cit NM. Questions congeming this application may be dredled to Mr. centers. No unsite discritations are intentionally allowed to contact or enter surface or groundwates. Any wasta products generated from solved solids contaction of area groundwatet ranges from 200 to Mexico, ເວີເອັງ 476-3490 ໃນ ເກັດຕຳອນັດກ. ດະ ມີຮຸມສາກາ ແຕ່ກາດເກີນ. and normal operating and manyamance at the site are functed of site for recycling and of appropriate disposal. Ground water depth at the atte is estimated to be 30 to 50 thet below the surface. Total dis-Conservation Division 3220 South St. Fighter Diver, Sainte Fe, New ia be placed on a locally specific maining list for Atture the Department will accept comments and strumming of interset regarding the application and will create a facility specific ÷ Sector handle with the because introduces PUBLIC NOTICE Doug Jordan at the Housian address. po request

#### ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge	receipt of check No dated _2/5/08	
or cash received on	in the amount of $\frac{02}{1300}$	
from Enterpr.	ise Products Operatory	
for <u>GW-333</u>	· · · ·	
Submitted by:	TENCE Portero Date: 2/11/08	
Submitted to ASD by:	Souerine Forne zer Date: 2/11/08	
	Date:	
Filing Fee	New Facility Renewal	· .
Modification	Other	
Organization Code	521.07 Applicable FY2004	
To be deposited in the V	Water Quality Management Fund.	
Full Payment	or Annual Increment	

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ENTERPRISE PRODUCTS PARTNERS LP ENTERPRISE PRODUCTS OPERATING LLC

ENTERPRISE PRODUCTS GP, LLC, GENERAL PARTNER ENTERPRISE PRODUCTS OLPGP, INC., SOLE MANAGER

February 6, 2008

8610 9887 4430 Federal Express

Mr. Wayne Price New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division 1220 South St. Francis Drive Santa Fe, NM 87505

#### **RE:** Discharge Permit Renewals

San Ysidro Pump Station (GW-332)–Mid-America Pipeline Company LLC San Luis Pump Staton (GW333)–Mid-America Pipeline Company LLC Kutz Pump Station (GW-334)-Mid-America Pipeline Company LLC Huerfano Pump Station (GW-335)-Mid-America Pipeline Company LLC Duran Pump Station (GW-336)-Mid-America Pipeline Company LLC Lybrook Pump Station(GW337)-Mid-America Pipeline Company LLC Mesa Pump Station (GW-338)-Mid America Pipeline Company LLC Estancia Pump Station (GW-339)-Mid-America Pipeline Company LLC Edgewood Pump Station (GW-340)-Mid-America Pipeline Company LLC White Lakes Pump Station (GW-341)-Mid-America Pipeline Company LLC Caprock Pump Station (GW-342)-Mid-America Pipeline Company LLC

Dear Sir:

Enterprise Products Operating LLC, as operator, for Mid-America Pipeline Company LLC herein submits for your review and handling the referenced discharge permit renewals along with Enterprise's check in the amount of \$13,200 for fees associated with these renewals.

Should you have questions or need additional information or Mr. Doug Jordan, Permitting Manager, at 713-880-6629.

Yours truly

S. The

Shiver J. Nolan Senior Compliance Administrator

P. O. BOX 4324 HOUSTON, TX 77210-4324 713.880.6500 2727 NORTH LOOP WEST HOUSTON, TX 77008-1044 www.epplp.com

#### ATTACHMENT- DISCHARGE PERMIT APPROVAL CONDITIONS

1. Payment of Discharge Plan Fees: All discharge permits are subject to WQCC Regulations. Every billable facility that submits a discharge permit application will be assessed a filing fee of \$100.00, plus a flat fee (see WQCC Regulation 20.6.2.3114 NMAC). The Oil Conservation Division ("OCD") has received the required \$100.00 filing fee. <u>The flat fee for a</u> <u>pump station is \$1200.00. Please submit this amount along with the signed certification item</u> <u>23 of this document after the final permit is issued in approximately 45 days. Checks should be</u> <u>made out to the New Mexico Water Quality Management Fund.</u>

2. Permit Expiration, Renewal Conditions and Penalties: Pursuant to WQCC Regulation 20.6.2.3109.H.4 NMAC, this permit is valid for a period of five years. The permit will expire on February 15, 2012 and an application for renewal should be submitted no later than 120 days before that expiration date. Pursuant to WQCC Regulation 20.6.2.3106.F NMAC, if a discharger submits a discharge permit renewal application at least 120 days before the discharge permit expires and is in compliance with the approved permit, then the existing discharge permit will not expire until the application for renewal has been approved or disapproved. *Expired permits are a violation of the Water Quality Act {Chapter 74, Article 6, NMSA1978} and civil penalties may be assessed accordingly.* 

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

4. **Owner/Operator Commitments:** The owner/operator shall abide by all commitments submitted in its April 2006 discharge plan application, including attachments and subsequent amendments and these conditions for approval. Permit applications that reference previously approved plans on file with the division shall be incorporated in this permit and the owner/operator shall abide by all previous commitments of such plans and these conditions for approval.

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

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

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

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

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

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

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

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

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

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

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

the leak detection system to determine if the primary containment is leaking. Small sumps or depressions in secondary containment systems used to facilitate fluid removal are exempt from these requirements if fluids are removed within 72 hours.

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

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

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

#### 12. Underground Process/Wastewater Lines:

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

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

13. Class V Wells: The owner/operator shall close all Class V wells (e.g., septic systems, leach fields, dry wells, etc.) that inject non-hazardous industrial wastes or a mixture of industrial

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wastes and domestic wastes unless it can be demonstrated that ground water will not be impacted in the reasonably foreseeable future. Leach fields and other wastewater disposal systems at OCDregulated facilities that inject non-hazardous fluid into or above an underground source of drinking water are considered Class V injection wells under the EPA UIC program. Class V wells that inject domestic waste only, must be permitted by the New Mexico Environment Department (NMED).

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

**15. Spill Reporting:** The owner/operator shall report all unauthorized discharges, spills, leaks and releases and conduct corrective action pursuant to WQCC Regulation 20.5.12.1203 NMAC and OCD Rule 116 (19.15.3.116 NMAC). The owner/operator shall notify both the OCD District Office and the Santa Fe Office within 24 hours and file a written report within 15 days.

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

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

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

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

20. Additional Site Specific Conditions: <u>N/A</u>

21. Transfer of Discharge Permit (WQCC 20.6.2.3111) Prior to any transfer of ownership, control, or possession (whether by lease, conveyance or otherwise) of a facility with a discharge

permit, the transferor shall notify the transferee in writing of the existence of the discharge permit, and shall deliver or send by certified mail to the department a copy of such written notification, together with a certification or other proof that such notification has in fact been received by the transferee.

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

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

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

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

	Enterprise Products Operating LLC
	Company Name-print name above
A 108	Terry L. Hurlburt
W12910 -	Company Representative- print name
olle	les L. Mult
	Company Representative- Signature
	Title Senior Vice President-Operations
	- 2 / 2

Date: 2-6-2008

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BILLED ACCOUNT NAME AND ADDRESS N M DEPT OF ENERGY, MINERALS **OIL CONSERVATION DIV** 1220 S ST FRANCIS DR SANTA FE NM 87505

ALBUQUERQUE JOURNAL

Mornings and Sundays

REMITTANCE, ADDRESS ALBUQUERQUE PUBLISHING COMPANY P.O. BOX 95777 ALBUQUERQUE, NM 87199-5777

The Albuquerque Tribune (A Scripps-Howard Newspaper) Evenings

Albuquerque Publishing Company ADVERTISER/CLIENT NUMBER TOTAL AMOUNT DUE **BILLING PERIOD** 12/01/07 12/31/07 \$129.28 C80932 **BILLING DATE** BILLED ACCOUNT NUMBER ADVERTISER/CLIENT NAME AMOUNT ENCLOSED N M DEPT OF ENERGY, MINERALS 12/31/07 C80932

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P.O. BOX 95777 Albuquerque, NM 87199-5777 001 ADVERTISING INVOICE/STATEMENT ADVERTISER INFORMATION **BILLING PERIOD** BILLED ACCOUNT NUMBER ADVERTISER/CLIENT NUMBER ADVERTISER/CLIENT NAME 12/01/07 12/31/07 C80932 N M DEPT OF ENERGY, MINERALS C80932 NEWSPAPER REFERENCE DESCRIPTION-OTHER COMMENTS/CHARGES SAU SIZE TIMES RUN AMOUNT DATE RATE PU8 PROD CLS START DATE CONTRACT LINEAGE **BILLED UNITS** BALANCE FORWARD .00 521009461/ NOTICE OF PUBLICAT 120.96 1.0X 216.00L 12729 4477516CW01 JD DGLE 0000 216.00L 0.56 8.32 TAX 129.28 NET INVOICE AMOUNT TOTAL DUE 129.28 PREVIOUS AMOUNT OWED: .00 NEW CHARGES THIS PERIOD: 120.96 . 8.32 NEW TAXES THIS PERIOD: CASH THIS PERIOD: .00 DEBIT ADJUSTMENTS THIS PERIOD: .00 CREDIT ADJUSTMENTS THIS PERIOD: .00 20

#### ALBUQUERQUE JOURNAL Mornings and Sundays

The Albuquerque Tribune (A Scripps-Howard Newspaper) Evenings

Albuquerque Publishing Company

PAGE #



NOTICE OF PUBLICATION STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES. DEPARTMENT

OIL CONSERVATION DIVISION

Notice is hereby given that pursu-ant to New Mexico Water Quality Control Commission Regulations (20.6.2.3106 NMAC), the following discharge permit application(s) has been submitted to the Director of the New Mexico Oil Conservation Division ("NMOCD"), 1220 S. Saint Francis: Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

Enterprise Products Operating LP, Mr. Doug Jordan 713-880-6629 P. O. Bóx 4324, Hous-ton, TX 77210-4324 has applied for discharge permit renewals for their. Natural Gas Liquids (NGL) pipeline pump stations as listed below:

(GW-332) The San Ysidro Pump Station is located in the SE4 of NW/4 of Section 19, Township 15 North, Range 2 East, Sando-val County, New Mexico, ap-proximately. 3, miles south of San Ysidro, New Mexico. Groundwater depth is 30-50 feet deep with a quality of 200-2000 mg/i of Total Dissolved Solids;

(GW-333) The San Luis Pump Station located in the SE/4 NW/-4, Section 13, Township 17. North, Range 3 West, NMPM, Sandoval County, New Mexico. Groundwater most Jikely to be affected by an acci-dental discharge is at a depth ranging from 50 to 100 feet with a total

a total dissolved solids concentrations ranging from quality of 200 to 1000 mg/l. (GW-339) The Estancia Pump

(GW-339) The Estancia Pump Station located in the NE/4 SE/4, Section 27, Township 8 North, Range 10 East, NMPM, Torrance County, New Mexico.

Groundwater most likely to be affected by an accidental dis-charge is at a depth ranging from 90 to 125 feet with a total dissolved solids concentrations is approximately 1200 mg/l.

(GW-340) The Edgewood Pump Station located in the NW/4 NWI4, Section 3, Township 10. North, Range 7 East, NMPM, Santa Fe County, New Mexico. Groundwater most likely to be affected by an acci-dental, discharge is at a depth ranging from 200 to 300 feet with a total

dissolved solids concentrations ranging from 500 to 1000 mg/l. The discharge plan addresses how oilfield products and waste will be properly handled, stored,

#### 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 the first publication 🖵 day times, being the  $\measuredangle$ on of 20 21 and the subsequent consecutive publications on

> Sworn and subscribed to before me, a Notary Public, in and for the County of Bernalillo and State of New Mexico this day of  $^{\prime}$ of 20<u>0</u>

PRICE

Statement to come at end of month.

ACCOUNT NUMBER C 809

OPENDINE SEAL Elyn Sloane NOTARY PUBLIC STATE OF HEW MEXICO Expires My Commission

, 20\_

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

interested in obtaining turther cir-interested in obtaining turther cir-formation, submitting comments or requesting to be on a facility-specific mailing list for future no-tices may contact the Environ-mental Bureau Chief of the Environ-mental Bureau Chief of the Coll Conservation Division at the Coll drass given above. The adminis-trative completeness determination and draft permit may be viewed at the above address between 76.00 a.m. and 4.00 p.m., Monday through Friday, or may also be viewed at the NMOCD web site htp://www.envird.state.mn.us/od/ Persons interested in obtaining a copy of the application and draft permit may contact the NMOCD at the address given above. Prior to plant or major modification, the Director shall allow a period of at east finity (30) days after the date of publication of this notice, during which interested persons may NMOCD hold a public hearing. The NMOCD has determined that the application is administratively complete and has prepared a draft permit. The NMOCD;will accept comments and statements of in-terest regarding this, application and, will create a facility-specific mailing list for persons who wish to receive future notices. Persons 15 North, Range 2 East, Sando-val County New Mexico, ap-proximately 3 miles south of San Ysidro, New Mexico Groundwater depth is 30-50 teet deep with a quality of 200-2000 mg/l of Total Dissolved Solids; will be properly handled, stored, and disposed of, including how spills, leaks, and other acciden-tal discharges to the surface will be managed in order to protect 1000 mgl. (GW-339) The Estancia Pump Station located in the NE4 SE4, Section 27, Township & North, Range 10 East, NMPM, Torrance County, New Mexico. Groundwater most likely to be affected by an accidental dis-charge is at a depth ranging trom 90 to 125 feet with a total 1 NW14, Section 3, Township 10 North, Range 7 East, NMPM, Santa Fe County New Mexico, Groundwater most likely to be affected by an acci-dental-discharge is at a depth ranging from 200 to 300 feet tresn water. dissolved solids concentrations, ranging from 500 to 1000 mg/l. The discharge plan addresses how oilfield products and waste ranging tro with a total (GW-340) The Edgewood Pump Station located in the NW/4 dissolved solids concentrations is approximately 1200 mg/l. 4. Section 13. Township .17. North, Range 3 West, MMPM, Sandoval County, New Mexico, Groundwater most linkely to be affected, by an acc-dental discharge is at a sidepth dental discharge is at a sidepth ranging from 50 to 100 feet with (GW-333) - The San Luis Pump Station located in the SE/4 NW nging from quality of 200 to CLA-22-A (R-1/93) ACCOUNT NUMBER C 809Statement to come at end of month. PRICE. Plos Ind w My Commission Expires: STATE OF NE OTAM ASVION Elyn Slowne COLORAD 3 XICO

cussolved solids concentrations transging from 500 to 1000 mg/n. The discharge plan: addresses will be properly handled, stored, spills; leaks; and other accident the address given above. The administratives and acting on any proposed discharge permit on may contact the data the address given above. Phot to a uling on any proposed discharge between acting and allow a period of a least third; (30) dar. m. Monday which, interested persons may submit comments or request the data the address given above. Phot to a uling and the spiniticant public interest.
Para otherer mas information and on submitted at the hearing submit comments or request and virture of public hearing is held. the the address of a public hearing shall ing should be keed of information and and and and and the approve of disaptrove the address of a public and and the approve of action and information submitted at the hearing.
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#### THE SANTA FE NEW = MEXICAN Founded 1849

#### NM ENTRY OF OUL CONSERVING 1220 S ST FRANCIS DR SANTA (TETHY \$7505) ] )

/S/

 ALTERNATE ACCOUNT: 56689

 AD NUMBER: 00241768 ACCOUNT: 00002212

 LEGAL NO: 82096
 P.O. #: 52100-00000075

 361 LINES 1 TIME(S)
 314.16

 AFFIDAVIT:
 6.00

 TAX:
 25.21

 TOTAL:
 345.37

#### AFFIDAVIT OF PUBLICATION

#### STATE OF NEW MEXICO COUNTY OF SANTA FE

I, T. Valencia, 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 # 82096 a copy of which is hereto attached was published in said newspaper 1 day(s) between 12/26/2007 and 12/26/2007 and that the notice was published in the newspaper proper and not in any supplement; the first date of publication being on the 26th day of December, 2007 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

#### LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 26th day of December, 2007

Notary	Mula	anne	Beach	
Commissi	on Expires:	May 3.	7 - 2011	



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#### NOTICE OF PUBLICATION

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

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations. (20.6.2.3106 NMAC), following disthe charge permit application(s) has been submitted to the Di-rector of the New Mexico Oil Conservation Division ("NMOCD"). 1220 S. Saint Francis Drive. Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

Enterprise Products Operating LP, Mr. Doug Jordan 713-880-6629 P. O. Box 4324, Houston, TΧ 77210-4324 has ap-plied for discharge permit renewals for their Natural Gas Liquids (NGL) pipeline stations as pump isted below:

(GW-332) The San Ysidro Pump Station is located in the SE/4 of NW/4 of Section 19, Township 15 North, Range 2 East, Sandoval County New Mexico, approximately 3 miles south of San Ysidro. New Mexico. Groundwater depth is 30-50 feet deep with a quality of 200-2000 mg/l of Total Dis-solved Solids;

(GW-333) - The San Luis Pump Station lo-SE/4 cated in the NW/4, Section 13, Township 17 North, Range 3 West, NMPM, North, Sandoval County, New Mexico. Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 50 to 100 feet with a total dissolved solids concentrations ranging from quality of 200 to 1000 mg/l.

(GW-334) - The Kutz Pump Station located in the SW/4 NW/4, Section 13, 28 North, Township 11 . West, Range San NMPM. Juan County, New Mexico. Groundwater depth is 420 to 450 feet with a quality of 200 to 1000 mg/l. Total Dissolved Solids.

at a depth ranging field products from 600 to 700 feet waste will be pro with a total dissolved solids concentrations ranging from 2100 to 2300 mg/l.

(GW-337) The Lybrook Pump Station located in the Section 14, This is North, NMPM in the NE/4 NW/4, Range 7 West, NMPM, Rio Arriba County, New Mexico, Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 600 to 1200 feet. with a total dissolved solids concentrations ranging from 700 to 3000 mg/l.

(GW-338) The Mesa Pump Station located in the SE/4 NE/4, Section 13 4 South. Township Range 22 East, NMPM, Chaves County, New Mexico. Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 70 to 100 feet with a total

dissolved solids concentrations ranging from 200 to 2000 mg/l.

(GW-339) The Estancia Pump Station lo-cated in the NE/4 SE/4, Section 27, Township 8 North, Range 10 East, NMPM, Torrance County, New México. Groundwater most

likely to be affected by an accidental discharge is at a depth ranging from 90 to 125 feet with a total dissolved solids concen-trations is approxi-mately 1200 mg/l.

(GW-340) The Edgewood Pump Station located in the NW/4 NWI4, Section 3, Township 10 North, Range 7 East, NMPM, Santa Fe County, New Mexico. Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 200 to 300 feet with a total dissolved solids con-

centrations ranging from 500 to 1000 mg/l.

White interest. (GW-341) Lakes Pump Station located in the NW/4 NEI4, Section 16, Township 9 South, Range 29 East, NMPM, Chaves County, New Mexico. Groundwater most likely to be affected by an acciden-(GW-335) The Huer-fano Pump Station 10-100 to 200 feet with a prove or disapprove

be affected by an ac- The discharge plan cidental discharge is addresses how oiland waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the sur-face will be managed in order to protect fresh water.

> The NMOCD has determined that the application is administratively complete and has prepared a draft permit. The NMOCD will accept comments and statements of interest regarding this applica-tion and will create a facility-specific mailing list for persons who, wish to receive future notices. Per-sons interested in obtaining further information, submitting comments or requesting to be on a facility-specific mailing list for future notices may contact the Environmental Bureau Chief of the Oil Conservation Division at the address given above. The adminis-trative completeness determination and draft permit may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday, or may also be viewed at the NMOCD web site http://www.emnrd.st ate.nm.us/ocd/. Persons interested in obtaining a copy of the application and draft permit may contact the NMOCD at the address\_given\_above. Prior to ruling on any proposed discharge permit or major modi-fication, the Director shall allow a period of

at least thirty (30) days after the date of publication of this notice, during which interested persons may submit comments or request that NMOCD hold a public hearing. Requests for a public hearing shall set forth the reasons why a be hearing should held. A hearing will be held if the Director determines that there is significant public

If no public hearing is held, the Director will approve or disapprove the proposed permit based on information available, including all comments received. If a

Dorothy Phillips. 505-476-3461)

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 20th day of December 2007.

STATE OF NEW MEX-100 CONSERVATION OIL DIVISION SEAL Mark Fesmire, Director Legal#82096 Pub. Dec. 26, 2007

("NMOCD"), 1220 S. ranging from 700 to Saint Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

Enterprise Products Operating LP, Mr. Doug Jordan 713-880-6629 P. O. Box Houston, 4324. TX 77210-4324 has applied for discharge permit renewals for discharge their Natural Gas Liguids (NGL) pipeline stations pump as listed below:

(GW-332) The San Ysidro Pump Station is located in the SE/4 of NW/4 of Section 19, Township 15 North, Range 2 East, Sandoval County New Mexico, approximately 3 miles south of San Ysidro, New Mexico. Groundwater depth is 30-50 feet deep with a quality of 200-2000 mg/l of Total Dissolved Solids;

(GW-333) The San. Luis Pump Station lo-cated in the SE/4 NW/4, Section 13, Township 17 North, Range 3 West, NMPM, County, Sandoval New Mexico. Ground-water most likely to be affected by an accidental discharge is at a depth ranging from 50 to 100 feet with a total dissolved solids concentrations ranging from quality of 200 to 1000 mg/l.

(GW-334) - The Kutz Pump Station located in the SW/4 NW/4, Section 13, Township 28 North, 11 West, Range NMPM. San Juan County, New Mexico. Groundwater depth is 420 to 450 feet with a quality of 200 to 1000 mg/l. Total Dissolved Solids.

(GW-335) - The Huerfano Pump Station located in the NW/4 SW/4, Section 21. Township 26 North, Range 10 West, NMPM. San Juan County, New Mexico. Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 500 to 1000 feet with a total dissolved solids conranging centrations from 500 to 3000 mg/l.

(GW-336) The Duran

(GW-338) The Mesa Pump Station located in the SE/4 NE/4, Section 13,

Township 4 South, Range 22 East, NMPM, Chaves County, New Mexico. Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 70 to 100 feet with a total

dissolved solids concentrations ranging from 200 to 2000 mg/l.

(GW-339) The Estancia Pump Station located in the NE/4 SE/4, Section 27, Township 8 North, Range 10 East, NMPM, Torrance County, New Mexico. Groundwater most

likely to be affected by an accidental discharge is at a depth ranging from 90 to 125 feet with a total dissolved solids concen-trations is approximately 1200 mg/l.

(GW-340) The Edge-wood Pump Station located in the NW/4 NW14, Section 3, Township 10 North, Range 7 East, NMPM, Santa Fe County, New Mexico. Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 200 to 300 feet with a total

dissolved solids concentrations ranging from 500 to 1000 mg/l.

(GW-341) **.** . White Lakes Pump Station located in the NW/4 NEI4, Section 16, Township 9 South, Range 29 East, NMPM, Chaves County, New Mexico, Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 100 to 200 feet with a total dissolved solids con-

centrations ranging from 200 to 2000 mg/l. ranging

(GW-342) The Caprock Pump Sta-tion located in the NW/4 NW/4, Section 27, Township 12 South, Range 33 East, NMPM, Lea County, New Mexico. Groundwater most likely to be affected by an accidental disin the SW/4 SW/4, is at a depth ranging México), Oil Conser-Section 1, from 70 to 100 feet vation Division Township 2 North, with a total dissolved (Depto. Conserva-Range 16 East, NMPM. Solids concentration

facility-specific mailing list for persons who wish to receive future notices. Persons interested in obtaining further information, submitting comments or requesting to be on a facility-specific mailing list for future notices may contact the Environmental Bureau Chief of the Oil Conservation Division at the address given above. The adminis-trative completeness determination and draft permit may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday, or may also be viewed at the NMOCD web site http://www.emnrd.st ate.nm.us/ocd/. Per-sons interested in obtaining a copy of the application and draft permit may contact the NMOCD at the address given above. Prior to ruling on any proposed discharge permit or major modification, the Director shall allow a period of at least thirty (30) days after the date of publication of this notice, during which interested persons may submit comments or request that NMOCD hold a public hearing. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines that there is significant public interest.

ureate

If no public hearing is held, the Director will approve or disap-prove the proposed permit based on information available, including all including all com-ments received. If a public hearing is held, the director will approve or disapprove the proposed permit based on information in the permit application and information submitted the at hearing.

Para obtener más información sobre esta solicitud en espan ol, sirvase comunicarse por favor: New Mexico Energy, Minerals and Natural Re Sources Department (Depto: Del Energia, Minerals y Recursos Naturales de Nuevo Range 16 East, NMPM, solids concentrations cio n Del Petróleo, Guadalupe County, ranging from approxi-New Mexico, Ground-water most likely to mg/l. 200 to 2000 México (Contacto: (Contacto:



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor Joanna Prukop Cabinet Secretary Mark E. Fesmire, P.E. Director Oil Conservation Division

January 23, 2008

Mr. Doug Jordan Enterprise Products Operating LP P. O. Box 4324, Houston, TX 77210-4324

Re: Discharge Permit Renewal
 San Luis Pump Station (GW-333)
 SE/4 NW/4 Section 13, Township 17 North, Range 3 West, NMPM,
 Sandoval County, New Mexico, New Mexico

Dear Mr. Jordan

Pursuant to Water Quality Control Commission (WQCC) Regulations 20.6.2.3104 - 20.6.2.3114 NMAC, the Oil Conservation Division (OCD) hereby approves the discharge permit for the **Enterprise Products Operating LP** (owner/operator) for the above referenced site contingent upon the conditions specified in the enclosed Attachment to the Discharge Permit. Enclosed are two copies of the conditions of approval. Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe Office within 15 working days of receipt of this letter including permit fees.

Please be advised that approval of this permit does not relieve the owner/operator of responsibility should operations result in pollution of surface water, ground water or the environment. Nor does approval of the permit relieve the owner/operator of its responsibility to comply with any other applicable governmental authority's rules and regulations.

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

Sincerely,

Wayne Price Environmental Bureau Chief

LWP/baj

Attachments-1

Cc: OCD District III Office, Aztec

Runell A. Seale, Enterprise Products Operating, L.P., Farmington, NM

Oil Conservation Division \* 1220 South St. Francis Drive \* Santa Fe, New Mexico 87505 Phone: (505) 476-3440 \* Fax (505) 476-3462 \* <u>http://www.emnrd.state.nm.us</u>

#### **ATTACHMENT- DISCHARGE PERMIT APPROVAL CONDITIONS**

1. Payment of Discharge Plan Fees: All discharge permits are subject to WQCC Regulations. Every billable facility that submits a discharge permit application will be assessed a filing fee of \$100.00, plus a flat fee (*see* WQCC Regulation 20.6.2.3114 NMAC). The Oil Conservation Division ("OCD") has received the required \$100.00 filing fee. <u>The flat fee for a</u> <u>pump station is \$1200.00. Please submit this amount along with the signed certification item</u> 23 of this document after the final permit is issued in approximately 45 days. Checks should be made out to the New Mexico Water Quality Management Fund.

2. Permit Expiration, Renewal Conditions and Penalties: Pursuant to WQCC Regulation 20.6.2.3109.H.4 NMAC, this permit is valid for a period of five years. The permit will expire on February 15, 2012 and an application for renewal should be submitted no later than 120 days before that expiration date. Pursuant to WQCC Regulation 20.6.2.3106.F NMAC, if a discharger submits a discharge permit renewal application at least 120 days before the discharge permit expires and is in compliance with the approved permit, then the existing discharge permit will not expire until the application for renewal has been approved or disapproved. *Expired permits are a violation of the Water Quality Act {Chapter 74, Article 6, NMSA1978} and civil penalties may be assessed accordingly.* 

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

4. **Owner/Operator Commitments:** The owner/operator shall abide by all commitments submitted in its April 2006 discharge plan application, including attachments and subsequent amendments and these conditions for approval. Permit applications that reference previously approved plans on file with the division shall be incorporated in this permit and the owner/operator shall abide by all previous commitments of such plans and these conditions for approval.

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

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

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

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

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

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

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

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

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

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

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

the leak detection system to determine if the primary containment is leaking. Small sumps or depressions in secondary containment systems used to facilitate fluid removal are exempt from these requirements if fluids are removed within 72 hours.

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

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

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

#### 12. Underground Process/Wastewater Lines:

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

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

13. Class V Wells: The owner/operator shall close all Class V wells (e.g., septic systems, leach fields, dry wells, etc.) that inject non-hazardous industrial wastes or a mixture of industrial

wastes and domestic wastes unless it can be demonstrated that ground water will not be impacted in the reasonably foreseeable future. Leach fields and other wastewater disposal systems at OCDregulated facilities that inject non-hazardous fluid into or above an underground source of drinking water are considered Class V injection wells under the EPA UIC program. Class V wells that inject domestic waste only, must be permitted by the New Mexico Environment Department (NMED).

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

**15. Spill Reporting:** The owner/operator shall report all unauthorized discharges, spills, leaks and releases and conduct corrective action pursuant to WQCC Regulation 20.5.12.1203 NMAC and OCD Rule 116 (19.15.3.116 NMAC). The owner/operator shall notify both the OCD District Office and the Santa Fe Office within 24 hours and file a written report within 15 days.

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

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

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

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

20. Additional Site Specific Conditions: <u>N/A</u>

21. Transfer of Discharge Permit (WQCC 20.6.2.3111) Prior to any transfer of ownership, control, or possession (whether by lease, conveyance or otherwise) of a facility with a discharge

Same

permit, the transferor shall notify the transferee in writing of the existence of the discharge permit, and shall deliver or send by certified mail to the department a copy of such written notification, together with a certification or other proof that such notification has in fact been received by the transferee.

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

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

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

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

Company Name-print name above

Company Representative- print name

Company Representative- Signature

Title

Date:

From: Price, Wayne, EMNRD Sent: Thursday, December 20, 2007 2:37 PM To: 'Seale, Runell'; 'DJordan@eprod.com' Cc: Hansen, Edward J., EMNRD; Jones, Brad A., EMNRD Subject: RE: Enterprise Pump stations 332-342

Attachments: Enterprise San Ysidro Pump St (GW-332)Draft permit\_12\_2007.doc; DraftPermitNoticeGw332-342.DOC; Enterprise Caprock Pump St (GW-342)Draft permit\_12\_2007.doc; Enterprise Duran Pump St (GW-336)Draft permit\_12\_2007.doc; Enterprise Edgewood Pump St (GW-340)Draft permit\_12\_2007.doc; Enterprise Estancia Pump St (GW-339)Draft permit\_12\_2007.doc; Enterprise Huerfano Pump St (GW-335)Draft permit\_12\_2007.doc; Enterprise Lybrook Pump St (GW-337)Draft permit\_12\_2007.doc; Enterprise Mesa Pump St (GW-338)Draft permit\_12\_2007.doc; Enterprise White Lakes Pump St (GW-341)Draft permit\_12\_2007.doc; Enterprise San Juan Pump St (GW-334)Draft permit\_12\_2007.doc; Enterprise San Luis Pump St (GW-333)Draft permit\_12\_2007.doc

The OCD has administratively approved the above subject permit renewal applications and is issuing public notice and posting on our web site. Please find attached a draft permit for each site and a copy of OCD's public notice. Please proceed in issuing your public notices as required by 20.6.2.3108 NMAC and provide OCD proof. OCD will wait 30 days and if no comments are received we will be issuing the final permit. At that time a copy of the approval conditions should be signed and returned to us with the Flat fees.

If you have any questions please do not hesitate to call or write.

From: Seale, Runell [mailto:RSeale@eprod.com] Sent: Thursday, December 20, 2007 12:34 PM To: Price, Wayne, EMNRD Subject: Enterprise Importance: High

Wayne,

Sorry I wrote this way earlier today and then did not finish sending to you. Please pardon the oversight on this.

The Environmental Permitting Manager is

Mr. Doug Jordan Enterprise Products Operating LP P. O. Box 4324 Houston, TX 77210-4324

His email is DJordan@eprod.com Phone: 713 880.6629

#### **Runell A. Seale**

Specialist, Environmental Permitting EPCO, Inc., providing services to Enterprise Products Operating LP and TEPPCO 614 Reilly Ave. Farmington, NM 87401 505 599-2124 office 505 599-2538 fax 505 320-2816 cell e-mail: rseale@eprod.com

This inbound email has been scanned by the MessageLabs Email Security System.

#### **NOTICE OF PUBLICATION**

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

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations (20.6.2.3106 NMAC), the following discharge permit application(s) has been submitted to the Director of the New Mexico Oil Conservation Division ("NMOCD"), 1220 S. Saint Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

Enterprise Products Operating LP, Mr. Doug Jordan 713-880-6629 P. O. Box 4324, Houston, TX 77210-4324 has applied for discharge permit renewals for their Natural Gas Liquids (NGL) pipeline pump stations as listed below:

(GW-332) The San Ysidro Pump Station is located in the SE/4 of NW/4 of Section 19, Township 15 North, Range 2 East, Sandoval County New Mexico, approximately 3 miles south of San Ysidro, New Mexico. Groundwater depth is 30-50 feet deep with a quality of 200-2000 mg/l of Total Dissolved Solids;

(GW-333) – The San Luis Pump Station located in the SE/4 NW/4, Section 13, Township 17 North, Range 3 West, NMPM, Sandoval County, New Mexico. Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 50 to 100 feet with a total dissolved solids concentrations ranging from quality of 200 to 1000 mg/l.

(GW-334) – The Kutz Pump Station located in the SW/4 NW/4, Section 13, Township 28 North, Range 11 West, NMPM, San Juan County, New Mexico. Groundwater depth is 420 to 450 feet with a quality of 200 to 1000 mg/l. Total Dissolved Solids.

(GW-335) – The Huerfano Pump Station located in the NW/4 SW/4, Section 21, Township 26 North, Range 10 West, NMPM, San Juan County, New Mexico. Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 500 to 1000 feet with a total dissolved solids concentrations ranging from 500 to 3000 mg/l.

(GW-336) The Duran Pump Station located in the SW/4 SW/4, Section 1, Township 2 North, Range 16 East, NMPM, Guadalupe County, New Mexico. Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 600 to 700 feet with a total dissolved solids concentrations ranging from 2100 to 2300 mg/l.

(GW-337) The Lybrook Pump Station located in the NE/4 NW/4, Section 14, Township 23 North, Range 7 West, NMPM, Rio Arriba County, New Mexico. Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 600 to 1200 feet with a total dissolved solids concentrations ranging from 700 to 3000 mg/l.

(GW-338) The Mesa Pump Station located in the SE/4 NE/4, Section 13, Township 4 South, Range 22 East, NMPM, Chaves County, New Mexico. Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 70 to 100 feet with a total dissolved solids concentrations ranging from 200 to 2000 mg/l. (GW-339) The Estancia Pump Station located in the NE/4 SE/4, Section 27, Township 8 North, Range 10 East, NMPM, Torrance County, New Mexico. Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 90 to 125 feet with a total dissolved solids concentrations is approximately 1200 mg/l.

(GW-340) The Edgewood Pump Station located in the NW/4 NWI4, Section 3, Township 10 North, Range 7 East, NMPM, Santa Fe County, New Mexico. Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 200 to 300 feet with a total dissolved solids concentrations ranging from 500 to 1000 mg/l.

(GW-341) - White Lakes Pump Station located in the NW/4 NEI4, Section 16, Township 9 South, Range 29 East, NMPM, Chaves County, New Mexico. Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 100 to 200 feet with a total dissolved solids concentrations ranging from 200 to 2000 mg/l.

(GW-342) – The Caprock Pump Station located in the NW/4 NW/4, Section 27, Township 12 South, Range 33 East, NMPM, Lea County, New Mexico. Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 70 to 100 feet with a total dissolved solids concentrations ranging from approximately 200 to 2000 mg/I.

# The discharge plan addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

The NMOCD has determined that the application is administratively complete and has prepared a draft permit. The NMOCD will accept comments and statements of interest regarding this application and will create a facility-specific mailing list for persons who wish to receive future notices. Persons interested in obtaining further information, submitting comments or requesting to be on a facility-specific mailing list for future notices may contact the Environmental Bureau Chief of the Oil Conservation Division at the address given above. The administrative completeness determination and draft permit may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday, or may also be viewed at the NMOCD web site <a href="http://www.emnrd.state.nm.us/ocd/">http://www.emnrd.state.nm.us/ocd/</a>. Persons interested in obtaining a copy of the application and draft permit may contact the Director shall allow a period of at least thirty (30) days after the date of publication of this notice, during which interested persons may submit comments or request that NMOCD hold a public hearing. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines that there is significant public interest.

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 20th day of

SEAL

# STATE OF NEW MEXICO OIL CONSERVATION DIVISION

Mark Fesmire, Director



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor Joanna Prukop

Cabinet Secretary

GW-333 <u>DRAFT</u>

Mark E. Fesmire, P.E. Director

**Oil Conservation Division** 

Mr. Doug Jordan Enterprise Products Operating LP P. O. Box 4324, Houston, TX 77210-4324

Re: Discharge Permit Renewal
 San Luis Pump Station (GW-333)
 SE/4 NW/4 Section 13, Township 17 North, Range 3 West, NMPM,
 Sandoval County, New Mexico,

December 20, 2007

Dear Mr. Jordan

Pursuant to Water Quality Control Commission (WQCC) Regulations 20.6.2.3104 - 20.6.2.3114 NMAC, the Oil Conservation Division (OCD) hereby approves the discharge permit for the Enterprise Products Operating LP (owner/operator) for the above referenced site contingent upon the conditions specified in the enclosed Attachment to the Discharge Permit. Enclosed are two copies of the conditions of approval. Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe Office within 30 working days of receipt of this letter including permit fees.

Please be advised that approval of this permit does not relieve the owner/operator of responsibility should operations result in pollution of surface water, ground water or the environment. Nor does approval of the permit relieve the owner/operator of its responsibility to comply with any other applicable governmental authority's rules and regulations.

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

Sincerely,

Wayne Price Environmental Bureau Chief

Attachments-1 xc: OCD District Office December 20, 2007

GW-333 **DRAFT** 

Mr. Doug Jordan Enterprise Products Operating LP Page 2

#### ATTACHMENT- DISCHARGE PERMIT APPROVAL CONDITIONS

1. Payment of Discharge Plan Fees: All discharge permits are subject to WQCC Regulations. Every billable facility that submits a discharge permit application will be assessed a filing fee of \$100.00, plus a flat fee (*see* WQCC Regulation 20.6.2.3114 NMAC). The Oil Conservation Division ("OCD") has received the required \$100.00 filing fee. <u>The flat fee for a pump station is \$1200.00</u>. <u>Please submit this amount along with the signed certification item 23 of this document after the final permit is issued in approximately 45 days. Checks should be made out to the New Mexico Water Quality Management Fund.</u>

2. Permit Expiration, Renewal Conditions and Penalties: Pursuant to WQCC Regulation 20.6.2.3109.H.4 NMAC, this permit is valid for a period of five years. The permit will expire on February 15, 2012 and an application for renewal should be submitted no later than 120 days before that expiration date. Pursuant to WQCC Regulation 20.6.2.3106.F NMAC, if a discharger submits a discharge permit renewal application at least 120 days before the discharge permit expires and is in compliance with the approved permit, then the existing discharge permit will not expire until the application for renewal has been approved or disapproved. *Expired permits are a violation of the Water Quality Act {Chapter 74, Article 6, NMSA1978} and civil penalties may be assessed accordingly.* 

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

4. **Owner/Operator Commitments:** The owner/operator shall abide by all commitments submitted in its April 2006 discharge plan application, including attachments and subsequent amendments and these conditions for approval. Permit applications that reference previously approved plans on file with the division shall be incorporated in this permit and the owner/operator shall abide by all previous commitments of such plans and these conditions for approval.

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

December 20, 2007 GW-333 <b><u>DRAFT</u></b>
Mr. Doug Jordan
Enterprise Products Operating LP
Page 3

6. Waste Disposal and Storage: The owner/operator shall dispose of all wastes at an OCDapproved facility. Only oil field RCRA-exempt wastes may be disposed of by injection in a Class II well. RCRA non-hazardous, non-exempt oil field wastes may be disposed of at an OCD-approved facility upon proper waste determination pursuant to 40 CFR Part 261. Any waste stream that is not listed in the discharge permit application must be approved by the OCD on a case-by-case basis.

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

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

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

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

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

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

December 20, 2007

GW-333 **DRAFT** 

**Mr. Doug Jordan Enterprise Products Operating LP** Page 4

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

A. All below-grade tanks and sumps must be approved by the OCD prior to installation and must incorporate secondary containment with leak detection into the design. The owner/operator shall retrofit all existing systems without secondary containment and leak detection before discharge permit renewal. All existing below-grade tanks and sumps without secondary containment and leak detection must be tested annually or as specified herein. Systems that have secondary containment with leak detection shall have a monthly inspection of the leak detection system to determine if the primary containment is leaking. Small sumps or depressions in secondary containment systems used to facilitate fluid removal are exempt from these requirements if fluids are removed within 72 hours.

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

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

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

#### 12. Underground Process/Wastewater Lines:

A. The owner/operator shall test all underground process/wastewater pipelines at least once every five (5) years to demonstrate their mechanical integrity, except lines containing fresh water or fluids that are gases at atmospheric temperature and pressure. Pressure rated pipe shall be tested by pressuring up to one and one-half times the normal operating pressure, if possible, or for atmospheric drain systems, to 3 pounds per square inch greater than normal operating pressure, and pressure held for a minimum of 30 minutes with no more than a 1% loss/gain in pressure. The owner/operator may use other methods for testing if approved by the OCD. December 20, 2007



Mr. Doug Jordan Enterprise Products Operating LP Page 5

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

13. Class V Wells: The owner/operator shall close all Class V wells (e.g., septic systems, leach fields, dry wells, etc.) that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes unless it can be demonstrated that ground water will not be impacted in the reasonably foreseeable future. Leach fields and other wastewater disposal systems at OCD-regulated facilities that inject non-hazardous fluid into or above an underground source of drinking water are considered Class V injection wells under the EPA UIC program. Class V wells that inject domestic waste only, must be permitted by the New Mexico Environment Department (NMED).

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

**15. Spill Reporting:** The owner/operator shall report all unauthorized discharges, spills, leaks and releases and conduct corrective action pursuant to WQCC Regulation 20.5.12.1203 NMAC and OCD Rule 116 (19.15.3.116 NMAC). The owner/operator shall notify both the OCD District Office and the Santa Fe Office within 24 hours and file a written report within 15 days.

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

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

December 20, 2007

GW-333 **DRAFT** 

#### Mr. Doug Jordan Enterprise Products Operating LP Page 6

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

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

#### 20. Additional Site Specific Conditions: <u>N/A</u>

21. Transfer of Discharge Permit (WQCC 20.6.2.3111) Prior to any transfer of ownership, control, or possession (whether by lease, conveyance or otherwise) of a facility with a discharge permit, the transfer or shall notify the transferee in writing of the existence of the discharge permit, and shall deliver or send by certified mail to the department a copy of such written notification, together with a certification or other proof that such notification has in fact been received by the transferee. Upon receipt of such notification, the transferee shall have the duty to inquire into all of the provisions and requirements contained in such discharge permit, and the transferee shall be charged with notice of all such provisions and requirements as they appear of record in the department's file or files concerning such discharge permit. The transferee (new owner/operator) shall sign and return an original copy of these permit conditions and provide a written commitment to comply with the terms and conditions of the previously approved discharge permit.

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

December 20, 2007



#### Mr. Doug Jordan Enterprise Products Operating LP Page 7

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

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

Company Name-print name above

Company Representative- print name

Company Representative- Signature

Title

Date:

**Oil Conservation Division** 

1220 South St. Francis Dr.

Santa Fe, NM 87505

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

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

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

	$\square New \boxtimes Renewal \square Modification \qquad \qquad$
1.	VDe: San Luis Fuind Station
2.	Operator: Enterprise Products Operating, L.P. GW TAS
	Address: P.O. Box 4324, Houston, Texas 77210
	Contact Person: <u>Mr. Don Fernald, Environmental Scientist</u> Phone: <u>505/599-2141</u>
3.	Location: <u>SE</u> /4 <u>NW</u> /4 Section <u>13</u> Township <u>17 North</u> Range <u>3 West</u> Submit large scale topographic map showing exact location.
4.	Attach the name, telephone number and address of the landowner of the facility site.
5.	Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.
6.	Attach a description of all materials stored or used at the facility.
7.	Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water rnust be included.
8.	Attach a description of current liquid and solid waste collection/treatment/disposal procedures.
9.	Attach a description of proposed modifications to existing collection/treatment/disposal systems.
10.	Attach a routine inspection and maintenance plan to ensure permit compliance.
11.	Attach a contingency plan for reporting and clean-up of spills or releases.
12.	Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included.
13.	Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.
	4. CERTIFICATION I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
N	Vame: <u>Kevin Bodenhamer</u> Title: <u>Director, Western Operations</u>
S	lignature: Ma Boda Date: <u>5-9-06</u>
E	e-mail Address:aparra@eprod.com

#### ACXNOWLEDGEMENT OF RECEIPT OF CHECX/CASH

I hereby acknowledge receipt of check No dated 5/18/01 or cash received on \_\_\_\_\_ in the amount of \$ 9300.00 from Williams Field Services transport for SEE ATTACHED Contine Non Submitted by: OP Neul Date: 5-25-0 Submitted to ASD by: Date: Recaived in ASD by: Date: Filing Fee V New Facility V Renewal Modification Other Organization Code 521.07 Applicable FY 2001 To be deposited in the Water Quality Management Fund. Full Payment V or Annual Increment OR GRADUALLY AND EVENLY FROM DARK TO LIGHT WITH DARKER AREAS BOTH TOP AND BOTTOM. IT ALSO HAS A REFLECTIVE WATERMARK ON THE B DATE: 05/18/2001 PAY TO THE ORDER OF: \*\*\*\$9,300.00 NEW MEXICO OIL CONSERVATION DI NM WATER QUALITY MGMT FUND 2040 S PACHECO muhauph NM 87504 SANTA FE United States Benk One: NA Illinois



Environmental Affairs 188 CR 4900 Bloomfield, NM 87413 505/634-4956 505/632-4781 Fax

EGED MAPE 2 2001

May 21, 2001

. **.** .

Mr. Jack Ford New Mexico Oil Conservation Division 2040 South Pacheco Santa Fe NM 87505

#### **Re:** Discharge Plan Application and Filing Fee for WFS Compressor Stations

Dear Mr. Ford:

Enclosed please find copies of Discharge Plan application and check number 1000291383 for \$500.00 to cover the filling fee for the following Williams Field Services (WFS) Compressor Stations:

- Middle Mesa Compressor Station Guo 064
- Horse Canyon Compressor Station Gui 06)
- Pump Mesa Compressor Station GW 063
- La Jara Compressor Station ムルンン33
- Wild Horse Compressor Station حرب ص79

Also included in check number 1000291383 is \$8,800.00 to cover the flat fee for discharge plans on the following sites:

- White Lakes Pump Station GW-341 (\$1,200)
- Hare Compressor Station GW-343 (\$400)

Mesa Pump Station GW-338 (\$1,200)

San Luis Pump Station GW-333 (\$1,200)

- San Ysidro Pump Station GW-332 (\$1,200)
- Huerfano Pump Station GW-335 (\$1,200)
- Duran Pump Station GW-336 (\$1,200)
- Kutz Pump Station GW-334 (\$1,200)

Williams Field Services appreciates your assistance in handling these applications and fees. If you have any questions or require additional information, please contact me at 505/634/4956.

Thank you,

Clara M Garcia Environmental Compliance

and the second second

Xc: Denny Foust, Aztec, OCD Dist III



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON Governor Betty Rivera Cabinet Secretary

April 1, 2002

Lori Wrotenbery Director Oil Conservation Division

#### <u>CERTIFIED MAIL</u> <u>RETURN RECEIPT NO. 3929 7716</u>

Mr. Mark J. Bareta Williams Field Services 188 CR 4900 Bloomfield, New Mexico 87413

#### RE: Site Modification Notification Pump Stations Sandoval, Torrance, and Chaves Counties, New Mexico

Dear Mr. Bareta:

The OCD has received the site modification letters, dated March 27, 2002, from Williams Field Services for the following identified facilities:

San Ysidro Pump Station GW-332 located in SE/4 NW/4 of Section 19, Township 15 North, Range 2 East, NMPM, Sandoval County, New Mexico.

San Luis Pump Station GW-333 located in NW/4 of Section 13, Township 17 North, Range 3 West, Sandoval County, New Mexico.

Duran Pump Station GW-336 located in SW/4 of Section 1, Township 2 North, Range 16 East, Guadalupe County, New Mexico.

Estancia Pump Station GW-339 located in SE/4 NE/4 of Section 27, Township 8 North, Range 10 East, Torrance County, New Mexico.

White Lakes Pump Station GW-341 located in NE/4 of Section 16, Township 9 South, Range 29 East, Chaves County, New Mexico.

The site modifications are approved without modification to each of the individual discharge plans with the stipulation that all modifications comply with the discharge plans and/or any renewals previously approved.

Please note that Section 3104 of the regulations requires that "When a plan has been approved, discharges must be consistent with the terms and conditions of the plan." Pursuant to Section 3107.C Williams Field Services is required to notify the Director of any facility expansion, production increase, or process modification that would result in any change in the discharge of water quality or volume. Further, this approval does not relieve Williams Field Services from liability should operations result in contamination to the environment.

Mr. Mark J. Bareta April 1, 2002 Page 2

If you have any questions contact Mr. Jack Ford at (505) 476-3489.

Sincerely,

X

Roger C. Anderson Environmental Bureau Oil Conservation Division

RCA/wjf

cc: OCD Aztec District Office OCD Santa Fe District Office OCD Artesia District Office

#### ATTACHMENT TO THE DISCHARGE PLAN GW-333 WILLIAMS FIELD SERVICES SAN LUIS PUMP STATION DISCHARGE PLAN APPROVAL CONDITIONS (May 8, 2001)

- 1. <u>Payment of Discharge Plan Fees:</u> The \$100.00 filing fee has been received by the OCD. There is a flat fee assessed for crude oil pump stations equal to \$1,200.00. The required flat fee may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the plan, with the first payment due upon receipt of this approval.
- 2. <u>Williams Field Services Commitments:</u> Williams Field Services will abide by all commitments submitted in the discharge plan application dated February 15, 2001 and these conditions for approval.
- 3. <u>Waste Disposal</u>: All wastes will be disposed of at an OCD approved facility. Only oilfield exempt wastes shall be disposed of down Class II injection wells. Non-exempt oilfield wastes that are non-hazardous may be disposed of at an OCD approved facility upon proper waste determination per 40 CFR Part 261. Any waste stream that is not listed in the discharge plan will be approved by OCD on a case-by-case basis.
- 4. <u>Drum Storage:</u> All drums containing materials other than fresh water must be stored on an impermeable pad with curbing. All empty drums will be stored on their sides with the bungs in and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets will also be stored on an impermeable pad and curb type containment.
- 5. <u>Process Areas:</u> All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device incorporated into the design.
- 6. <u>Above Ground Tanks</u>: All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new tanks or existing tanks that undergo a major modification, as determined by the Division, must be placed within an impermeable bermed enclosure.
- 7. <u>Above Ground Saddle Tanks</u>: Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.

Page 1 of 3

- 8. <u>Labeling:</u> All tanks, drums and containers will be clearly labeled to identify their contents and other emergency notification information.
- 9. <u>Below Grade Tanks/Sumps:</u> All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks must demonstrate integrity on an annual basis. Integrity tests include pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks and/or sumps, or other OCD approved methods. The OCD will be notified at least 72 hours prior to all testing.
- 10. <u>Underground Process/Wastewater Lines:</u> All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity every 5 years. The permittee may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing.
- 11. <u>Class V Wells</u>: No Class V wells that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes will be closed unless it can be demonstrated that groundwater will not be impacted in the reasonably foreseeable future. Leach fields and other wastewater disposal systems at OCD regulated facilities which inject non-hazardous fluid into or above an underground source of drinking water are considered Class V injection wells under the EPA UIC program. Class V wells that inject domestic waste only must be permitted by the New Mexico Environment Department.
- 12. <u>Housekeeping:</u> All systems designed for spill collection/prevention will be inspected weekly and after each storm event to ensure proper operation and to prevent overtopping or system failure. A record of inspections will be retained on site for a period of five years.
- 13. <u>Spill Reporting:</u> All spills/releases will be reported pursuant to OCD Rule 116 and WQCC 1203 to the OCD Aztec District Office.
- 14. <u>Transfer of Discharge Plan:</u> The OCD will be notified prior to any transfer of ownership, control, or possession of a facility with an approved discharge plan. A written commitment to comply with the terms and conditions of the previously approved discharge plan must be submitted by the purchaser and approved by the OCD prior to transfer.
- 15. Storm Water Plan: The facility will have an approved storm water run-off plan.

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

Accepted 5/15/2001 Lava M. Jane 12 WILLIAMS FIELD SERVICES

by Environmental Compliance

Page 3 of 3



# NEW MEXICO ENERGY, MENERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON Governor Jennifer A. Salisbury Cabinet Secretary

May 8, 2001

Lori Wrotenbery Director Oil Conservation Division

#### CERTIFIED MAIL RETURN RECEIPT NO. 5051 0418

Ms. Clara L Garcia Williams Field Services 188 CR 4900 Bloomfield, New Mexico 87413

RE: Discharge Plan Approval GW-333 Williams Field Services San Luis Pump Station Sandoval County, New Mexico

Dear Ms. Garcia:

The ground water discharge plan GW-333 for the Williams Field Services San Luis Pump Station located in the SE/4 NW/4 of Section 13, Township 17 North, Range 3 West, NMPM, Sandoval County, New Mexico, is hereby approved under the conditions contained in the enclosed attachment. Enclosed are two copies of the conditions of approval. Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe Office within 30 days of receipt of this letter.

The original discharge plan application was submitted on February 15, 2001 pursuant to Section 5101.B.3. of the New Mexico Water Quality Control Commission (WQCC) Regulations. Please note Section 3109.G., which provides for possible future amendment of the plan. Please be advised that approval of this plan does not relieve Williams Field Services of liability should operations result in pollution of surface water, ground water, or the environment.

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

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

Ms. Clara L.Garcia GW-333 San Luis Pump Station May 8, 2001 Page 2

Pursuant to Section 3109.H.4., this discharge plan is for a period of five years. This plan will expire on May 8, 2006, and Williams Field Services should submit an application in ample time before this date. Note that under Section 3106.F. of the regulations, if a discharger submits a discharge plan renewal application at least 120 days before the discharge plan expires and is in compliance with the approved plan, then the existing discharge plan will not expire until the application for renewal has been approved or disapproved. It should be noted that all discharge plan facilities will be required to submit the results of an underground drainage testing program as a requirement for discharge plan.

Williams Field Services will submit a storm water run-off plan for approval by the OCD within six (6) months of the date of this approval letter for the San Luis Pump Station.

The discharge plan application for the Williams Field Services San Luis Pump Station is subject to WQCC Regulation 3114. Every billable facility submitting a discharge plan application will be assessed a non-refundable fee equal to the filing fee of \$100. There is a flat fee assessed for crude oil pump stations equal to \$1,200.00. The OCD has received the filing fee.

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

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

Sincerely,			All (REGEIERS) Only: No Insurance	Coverage Provided)
Log- Und	ቤ	Article Sent To:		
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#### ATTACHMENT TO THE DISCHARGE PLAN GW-333 WILLIAMS FIELD SERVICES SAN LUIS PUMP STATION DISCHARGE PLAN APPROVAL CONDITIONS (May 8, 2001)

- 1. <u>Payment of Discharge Plan Fees:</u> The \$100.00 filing fee has been received by the OCD. There is a flat fee assessed for crude oil pump stations equal to \$1,200.00. The required flat fee may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the plan, with the first payment due upon receipt of-this approval.
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- 4. <u>Drum Storage:</u> All drums containing materials other than fresh water must be stored on an impermeable pad with curbing. All empty drums will be stored on their sides with the bungs in and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets will also be stored on an impermeable pad and curb type containment.
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- 13. <u>Spill Reporting:</u> All spills/releases will be reported pursuant to OCD Rule 116 and WQCC 1203 to the OCD Aztec District Office.
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- 17. <u>Certification:</u> Williams Field Services, by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. Williams Field Services further acknowledges that these conditions and requirements of this permit may be changed administratively by the Division for good cause shown as necessary to protect fresh water, human health and the environment.

#### Accepted:

#### WILLIAMS FIELD SERVICES

Title

by\_

Page 3 of 3

#### ACXNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of c	neck No. dated $\frac{2/7/61}{}$ ,
or cash received on	in the amount of \$ 560.00
from Williams Field Samines	
San ysidro Pump Station - Giu: 107 Bankurs P.S Giu-333 Nits F.S Gu	332 Hurtano RS 4W-335 -334 Duran P.S. GW-336
Submitted by:	
	Date:
Received in ASD by:	Date:
Filing Fee _/_ New Facilit	ry <u>/</u> Renewal
Modification Other	
	(aqueenty)
Organization Code <u>521.07</u>	Applicable FY 2001
To be deposited in the Water Qual	ity Management Fund.
Full Payment 📈 or Annua	l Increment

PAY TO THE ORDER OF:

ATENTS 4 210 346, 4 227,720, 4,310,180 5,197,765, 5 340 15

MA1353 (10/99)

NEW MEXICO OIL CONSERVATION DI NM WATER QUALITY MGMT FUND 2040 S PACHECO

SANTA FE United States Bank One, NA Illinois NM 87504

muhauphill

PAY ->

\*\*\*\*\*\*\$500.00

Authorized Signer

<ul> <li><u>District 1</u> <ul> <li>1625 N. French Dr., Hobbs, NM 88240</li> <li><u>District II</u> <ul></ul></li></ul></li></ul>	State of New Mexico Energy Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Revised Junc 10, 2003 Submit Original Plus 1 Copy to Santa Fe 1 Copy to Appropriate District Office						
REFINERIES, C AN	LICATION FOR SERVICE COMPANIE COMPRESSOR, GEOTHERMAL FACI D CRUDE OIL PUMP STATIONS CD Guidelines for assistance in completing the applicat	LITIES						
	New 🛛 Renewal 🗌 Modification							
1. Type: <u>San Luis Pump Station</u>								
2. Operator: <u>Enterprise Products Op</u>	erating, L.P.							
Address: <u>P.O. Box 4324,</u>	Houston, Texas 77210							
Contact Person: <u>Mr. Don Fern</u>	ald, Environmental Scientist Phone: 505/599	9-2141						
	_/4 Section <u>13</u> Township <u>17 North</u> Rar t large scale topographic map showing exact location.	nge <u>3 West</u>						
4. Attach the name, telephone number	r and address of the landowner of the facility site.							
5. Attach the description of the facility	Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.							
6. Attach a description of all materials	Attach a description of all materials stored or used at the facility.							
7. Attach a description of present sour must be included.								
8. Attach a description of current liqu	id and solid waste collection/treatment/disposal procedu	ures.						
9. Attach a description of proposed m	odifications to existing collection/treatment/disposal sy	stems.						
10. Attach a routine inspection and ma	aintenance plan to ensure permit compliance.							
11. Attach a contingency plan for repo	orting and clean-up of spills or releases.							
12. Attach geological/hydrological inf	ormation for the facility. Depth to and quality of groun	d water must be included.						
13. Attach a facility closure plan, and rules, regulations and/or orders.	other information as is necessary to demonstrate compl	iance with any other OCD						
14. CERTIFICATION I hereby certi best of my knowledge and belief.	fy that the information submitted with this application i	s true and correct to the						
Name: <u>Kevin Bodenhamer</u>	Title: <u>Director, West</u>	ern Operations						
Signature: Ma Book	<b>L</b> Date: <u>5-9</u> .	Ob						
E-mail Address:aparra@eprod.	.com							

# **Renewal: Discharge Plan - GW-333**

## Mid-America Pipeline Company LLC Mid-America Pipeline System

San Luis Pump Station

# SE/4, NW/4, Section 13, Township 17 North, Range 3 West Sandoval County, NM

April 2006

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VII.	Transfer, Storage, and Disposal of Process Fluids, Effluents and Waste Solids $\dots 2$
VIII.	Storm Water Plan
IX.	Inspection, Maintenance and Reporting5
Х.	Spill / Leak Prevention and Reporting (Contingency Plans)
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XII.	Facility Closure Plan
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FIGUI	RE 2 – Site Plot Plan
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	NDIX B - NMOCD NOTIFICATION

#### I. <u>Type of Operation</u>

The Mid-America Pipeline Company LLC San Luis Pump Station was constructed in 1980 to pump natural gas liquids along the Mid-America Pipeline System which is operated by Enterprise Products Operating LP.

#### II. Operator/Legally Responsible Party

Legally Responsible Party:	Mr. Kevin Bodenhamer Enterprise Products Operating LP P.O. Box 4324 Houston, TX 77210-4324					
Environmental Scientist:	Mr. Donald Fernald 614 Reilly Ave. Farmington, NM 87402					
Operations Supervisor:	Mr. Darrin Hayhurst 3621 E. Main Farmington, NM 87402					

#### III. Location of Facility

The San Luis Pump Station is located in the SE/4 of NW/4 of Section 13, Township 17 North, Range 3 West, in Sandoval County, New Mexico, approximately 3.8 miles northwest of San Luis, New Mexico. A site location map is attached (USGS 7.5 Minute Quadrangle: San Ysidro, New Mexico) as Figure 1. The facility layout is illustrated in Figure 2. All figures are attached following Section XI of this document.

#### IV. <u>Landowner</u>

Mid-America Pipeline Company LLC is leasing the subject property from:

Bureau of Land Management 1235 N. La Plata Farmington, NM 87401 (505) 533-8900

#### V. Facility Description

This facility is classified as a pipeline pump station and is un-manned. The air permit for this site allows the operation of five, 1300 horsepower Solar turbines. In addition, there are various storage tanks, support structures and ancillary equipment. Records related to the facility operations are maintained at the central office locations.

#### VI. Source, Quantity, and Quality of Effluents and Waste Solids

The source, quantity, and quality of effluent and waste solids generated at the compressor station are summarized in Table 1.

#### <u>Table 1</u> Source, Quantity, and Quality of Effluent and Waste Solids SAN LUIS PUMP STATION

Process Fluid/Waste	Source	Quantity (Ranges)	Quality
Used Oil	Engine	200-400 gal/engine/every three years	Used motor oil with no additives
Used Oil Filters	Engine	50-100 filters/year/engine	No additives
Wash-down Water	Engine Skid and Storage Pad	1000-1500 gal/year/engine	Biodegradable Soap and tap water w/traces of used oil
Used Process Filters	Air, Inlet and Fuel Gas	75-100/year	No additives
Empty Barrels	Liquid Containers	20-40/year	No additives
Spill Residue (i.e. gravel, soil)	Incidental spills	Incident dependent	Incident dependent
Used Absorbents	Incidental spill/leak equipment wipe-down	Incident dependent	No additives

Used oil filters have been collected from representative NGL pump stations and analyzed for TCLP Metals. The results of the analysis found that the filters did not exceed TCLP concentrations for metals. The analyses were submitted to the disposal facility along with the Waste Acceptance Profiles. These profiles are updated every two years or as required by the disposal facility.

#### VII. Transfer, Storage, and Disposal of Process Fluids, Effluents and Waste Solids

Wastes generated at this facility fall into the non-exempt category. Waste management will be conducted as outlined in Table 2. Non-exempt waste management will be conducted in accordance with NMOCD requirements including the preparation of a Certificate of Waste Status for each non-exempt waste stream.

As applicable, non-exempt wastes will be analyzed at a minimum for BTEX, TPH, RCRA D-List metals, ignitability, corrosivity, and reactivity to initially determine if such wastes are hazardous as defined in 40 CFR Part 261.

Barring facility modification and/or process changes, the classification of non-exempt wastes by laboratory analyses will be made once during the approval period of this plan. Subsequent laboratory analyses will be performed at the generator's discretion (minimum of once every five years), or more frequently to comply with waste acceptance procedures of the disposal facility.

Table 2 describes the transfer, storage and disposal of process fluids, effluents, and waste solids expected to be generated at the site. The table also includes information regarding the type of container in which the waste stream will be stored, container capacity, and containment/spill prevention provisions.

<u>Transfer, Storage, and Disposal of Process Fluids, Effluents, and Waste Solids</u> <u>SAN LUIS PUMP STATION</u>

Off-spec material recycled or disposed consistent with Off-spec material recycled or disposed consistent with consolidation point, drained and ultimately transported consolidation point, drained and ultimately transported Off-spec material recycled or disposed consistent with for disposal at an approved disposal facility. A Waste for disposal at an approved disposal facility. A Waste Recycling options may be considered when available. Recycling options may be considered when available facility. A Waste Acceptance Profile will be filed with approved facility: or evaporation at Enterprise facility Barrels are returned to supplier or transported to a Emergency product line storage tank. Recovered the facility. Recycling options may be considered Wash-down water will be transported to NMOCD-Per Section VI, Remediation, in 8/19/93 NMOCD transported for disposal at an approved disposal Guidelines for Remediation of Leaks, Spills, and Enterprise or contractor consolidation point and product is recycled or disposed consistent with Acceptance Profile will be filed with the facility. Acceptance Profile will be filed with the facility. consolidation point, drained, and ultimately Transported to an Enterprise or contractor Transported to an Enterprise or contractor **DESCRIPTION OF FINAL DISPOSITION** Transported to a Enterprise or contractor ultimately recycled/ disposed. may be considered in future. applicable regulations. applicable regulations. applicable regulations. applicable regulations. when available. Releases. Non-exempt Non-exempt Non-exempt Non-exempt Non-exempt Non-exempt <u>RCRA</u> STATUS A/A ΑN A/A AN Fransported to an CONTAINMENT/ SPILL contractor facility In situ treatment, land-farm, or alternate method contractor facility Transported to a Dual walled with in drum or other in drum or other PREVENTION eak detection Enterprise or Enterprise or containment containment containment containment containment Tank set in Concrete Concrete container Concrete Concrete container concrete Berm CONTAINER CAPACITY 1550 gallons 600 gallons 500 gallons 300 gallons 55 gallons 55 gallons Varies Varies AN A/A Below-ground dual walled tank Drum or other container Below-ground tank, vaulted Above-ground Above ground Drum or other steel storage storage tank STORAGE container detection with leak Drum Drum tank A/A ٨N **Used Process Filters** Wash-down Water Used Absorbents Empty Drums/Container Spill Residue (i.e., soil, gravel) **Used Oil Filters FLUID/WASTE** Y-Grade NGL PROCESS Methanol Methanol Lube Oil Product

Page 3

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#### VIII. Storm Water Plan

This storm water section was developed to provide a plan to monitor and mitigate impact to storm water runoff from the facility. It serves to satisfy storm water management concerns of the NMOCD. It is not intended to comply with 40 CFR Part 122, Storm Water Discharges as this facility is excluded in 122.26 (c) (1) (iii).

This section concentrated on the identification of potential pollutants, identification of personnel responsible for implementation, inspection and maintenance of the pollutant controls, and gives a description of structural controls to prevent storm water pollution.

#### Site Assessment and Facility Controls

An evaluation of the material used and stored on this site that may be exposed to storm water indicates that no materials would routinely be exposed to precipitation. There are no engineered storm water controls or conveyances; all storm water leaves the site by overland flow.

Any leakage or spill from the identified potential pollutant sources, if uncontained by existing berms, curbs, or emergency response actions, could flow overland to open off-site drainage ditches (arroyos) and this impact storm water. In such an event, containment would occur by blocking the ditch or culvert downstream of the pollutant. Cleanup of the substance and implementation of mitigation measures could be conducted while protecting downstream storm watercourses.

#### **Best Management Practices**

Following are Best Management Practices (BMP's) to be implemented to prevent or mitigate pollution to storm water from facility operations:

- All waste materials and debris will be properly disposed of on an ongoing basis in appropriate containers and locations for collection and remove from the site.
- Temporary storage of potential pollutant sources will be located in areas with appropriate controls for storm water protection. This would include ensuring all containers are sealed/covered and otherwise protected from contact with precipitation.
- Periodic inspection of channels and culverts shall be performed at least twice annually and after any major precipitation event.
- Sediment deposits and debris will be removed from the channels and culverts as necessary and any erosion damage at the outfall (if any) will be repaired or controlled.
- Conduct inspections of the facility on a regular basis as part of the preventive maintenance site check. Such inspections will include the visual assessment of corroded or damaged drums and tanks, broken or breached containment structures, collapsed or clogged drainages or drain lines.

Implementation of the BMP's will prevent or mitigate impact to storm water runoff from this facility.

#### IX. Inspection, Maintenance and Reporting

Enterprise and/or contract personnel will operate and maintain the pumping units at the facility. The facility will be monitored remotely for equipment malfunctions through Enterprise Gas Control Department and by regular site visits. The facility will be visited several times per week at a minimum, and an operator will be on call 24 hours per day, 7 days per week, 52 weeks per year.

In the event of a release of a reportable quantity, the operator reports the release to 3E Company who immediately notifies the appropriate regulatory agencies. Enterprise's Environmental Department prepares the follow-up written reports for the release to the appropriate agencies. Records of spills, leaks, or other pollutant discharges, if any, and inspections and maintenance activities will be maintained as required by permit or regulations.

#### X. Spill / Leak Prevention and Reporting (Contingency Plans)

Spill containment berms around above ground storage tanks are designed to contain 1-1/3 times the volume of the tank. The below grade tanks are constructed with a means of leak detection, and are either double-bottomed/walled tanks or a tank set on an impermeable pad.

Enterprise's procedure for the controlling and reporting of Discharges or Spills of Oil or Hazardous Substances is provided in Appendix A. Significant spills and leaks are reported to the NMOCD pursuant to NMOCD Rule 116 and WQCC 1-203 using the NMOCD form (see Appendix B).

#### XI. Site Characteristics

The San Luis Pump Station is located approximately 3.8 miles northwest of San Luis, New Mexico. The site elevation is approximately 6,550 feet above mean sea level. The natural ground surface topography slopes downward toward the southwest. The maximum relief over the site is approximately 10 feet.

Intermittent flow from the site will follow the unnamed drainage towards the southeast. The unnamed drainage meets the Chaves Arroyo, approximately 1.5 miles southeast of the site. Chaves Arroyo drains approximately 2.3 miles southeast into the Rio Puerco. The Rio Puerco, at approximately 6,100 feet in elevation, is the nearest down-gradient perennial source of surface water to the site.

A review of the available hydrologic data<sup>1,2,3</sup> for this area revealed that there are no water wells within a ¼-mile radius of the San Luis Pump Station. The Menefee is the water-bearing unit underlying the site. This formation consists of a sequence of interbedded claystone, carbonacerous siltstone and shale, coal, and sandstone. Groundwater depth at the site is estimated to be 50 to 100 feet below the surface. The total dissolved solids concentration of area ground water ranges from 200 to 1000 parts per million.

<sup>&</sup>lt;sup>1</sup> Stone, W.J., Lyford, F.P., Frenzel, P.F., Mizell, N.H., Padgett, E.T., 1983 Hydrology and Water Resources of San Juan Basin, New Mexico Bureau of Mines and Mineral Resources, Hydrologic Report 6.

<sup>&</sup>lt;sup>2</sup> Online Climate Information, Western Regional Climate Center, 2000.

<sup>&</sup>lt;sup>3</sup> Online Well Reports and Downloads, new Mexico Office of the State Engineer, 2000.

The 100-year 24-hr precipitation event at the regional weather station is 3.1 inches. This small amount of rainfall for the area should post no flood hazards. Vegetation in the area consists predominantly of sagebrush and native grasses.

Flood Protection: Surface water runoff from the area surrounding the site will be diverted around the facility into the natural drainage path.

#### XII. Facility Closure Plan

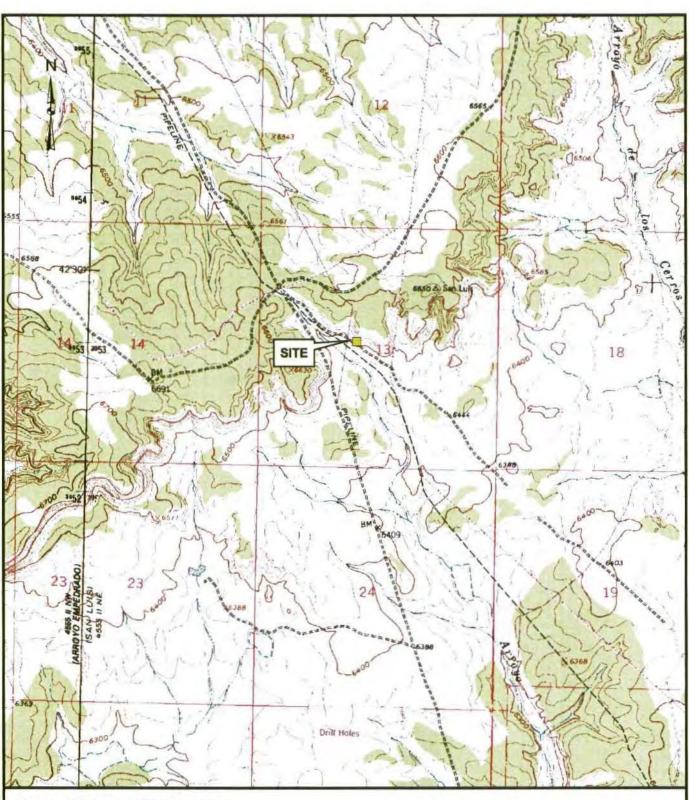
All reasonable and necessary measures will be taken to prevent the exceedance of WCQQ Section 3103 water quality standards should Mid-America Pipeline Company LLC choose to permanently close the facility. Mid-America will submit a detailed closure plan to the NMOCD prior to closure.

Generally, closure measures will include removal or closure in place of underground piping and other equipment. All wastes will be removed from the site and properly disposed of in accordance with the rules and regulations in place at the time of closure. When all fluids, contaminants, and equipment have been removed from the site, the site will be graded as close to the original contour as possible.

Should contaminated soil be discovered, any necessary reporting under NMOCD Rule 116 and WQCC Section 1203 will be made and clean-up activities will commence. Post-closure maintenance and monitoring plans would not be necessary unless contaminations is encountered.

### FIGURE 1 – Site Vicinity/ Topographic Map

1.11



Source: USGS Arroyo Empedrado and San Luis Quadrangles, New Mexico

# Enterprise Products Operating LP

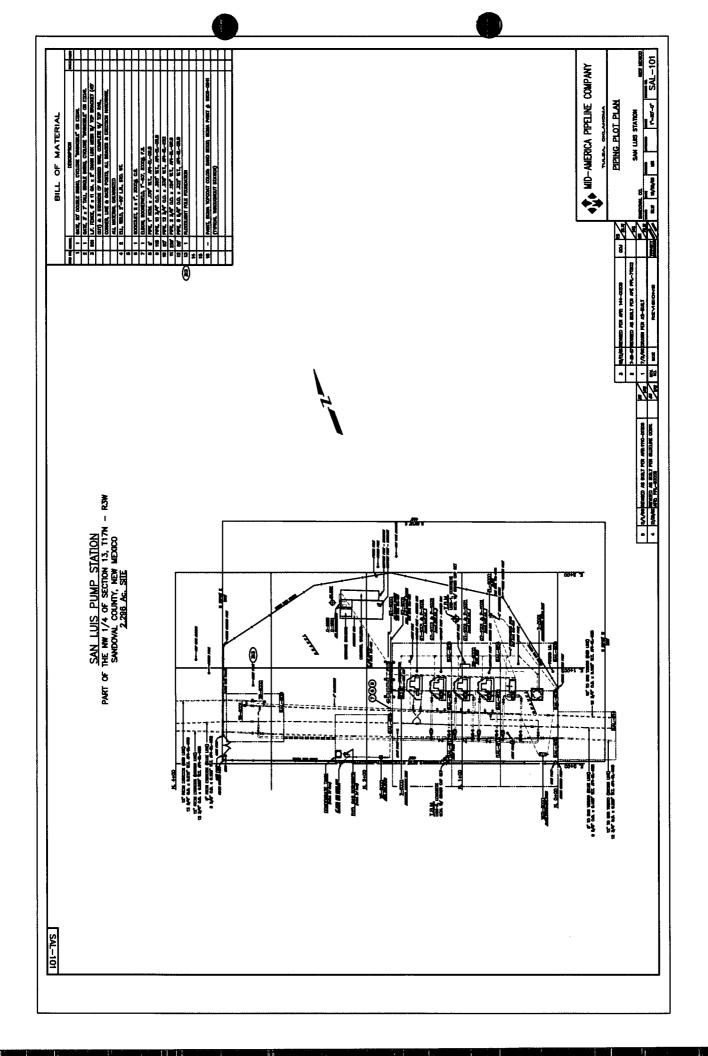
Site Vicinity / Topographic Map San Luis Pump Station

Section 13, Township 17N Range 3W Sandoval County, New Mexico

4-24-2006 v:\gisprojects\sysmap\map\vocky-mountain\San\_Luis-vicinity.mxd

Scale: 1" = 2,000'

FIGURE 2 – Site Plot Plan



APPENDIX A – Release Reporting Procedures and Spill Contingency Plan

#### 116 RELEASE NOTIFICATION AND CORRECTIVE ACTION [1-1-50...2-1-96; A, 3-15-97]

#### 116.A. NOTIFICATION

(1) The Division shall be notified of any unauthorized release occurring during the drilling, producing, storing, disposing, injecting, transporting, servicing or processing of crude oil, natural gases, produced water, condensate or oil field waste including Regulated NORM, or other oil field related chemicals, contaminants or mixture thereof, in the State of New Mexico in accordance with the requirements of this Rule. [1-1-50...2-1-96; A, 3-15-97]

(2) The Division shall be notified in accordance with this Rule with respect to any release from any facility of oil or other water contaminant, in such quantity as may with reasonable probability be detrimental to water or cause an exceedance of the standards in 19 NMAC 15.A.19. B(1), B(2) or B(3). [3-15-97]

116.B. REPORTING REQUIREMENTS: Notification of the above releases shall be made by the person operating or controlling either the release or the location of the release in accordance with the following requirements: [5-22-73...2-1-96; A, 3-15-97]

(1) A **Major Release** shall be reported by giving **both** immediate verbal notice and timely written notice pursuant to Paragraphs C(1) and C(2) of this Rule. A Major Release is:

- (a) an unauthorized release of a volume, excluding natural gases, in excess of 25 barrels;
- (b) an unauthorized release of any volume which:
  - (i) results in a fire;
  - (ii) will reach a water course;
  - (iii) may with reasonable probability endanger public health; or
  - (iv) results in substantial damage to property or the environment;
- (c) an unauthorized release of natural gases in excess of 500 mcf; or
- (d) a release of any volume which may with reasonable probability be detrimental to water or cause an exceedance of the standards in 19 NMAC 15.A.19. B(1), B(2) or B(3). [3/15/97]

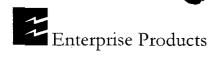
(2) A **Minor Release** shall be reported by giving timely written notice pursuant to Paragraph C(2) of this Rule. A Minor Release is an unauthorized release of a volume, greater than 5 barrels but not more than 25 barrels; or greater than 50 mcf but less than 500 mcf of natural gases. [3-15-97]

#### 116.C. CONTENTS OF NOTIFICATION

(1) **Immediate verbal notification** required pursuant to Paragraph B shall be reported within twenty-four (24) hours of discovery to the Division District Office for the area within which the release takes place. In addition, immediate verbal notification pursuant to Subparagraph B.(1).(d). shall be reported to the Division's Environmental Bureau Chief. This notification shall provide the information required on Division Form C-141. [5-22-73. 2-1-96; A, 3-15-97]

(2) **Timely written notification** is required to be reported pursuant to Paragraph B within fifteen (15) days to the Division District Office for the area within which the release takes place by completing and filing Division Form C-141. In addition, timely written notification required pursuant to Subparagraph B.(1).(d). shall also be reported to the Division's Environmental Bureau Chief within fifteen (15) days after the release is discovered. The written notification shall verify the prior verbal notification and provide any appropriate additions or corrections to the information contained in the prior verbal notification. [5-22-73...2-1-96; A, 3-15-97]

116.D. CORRECTIVE ACTION: The responsible person must complete Division approved corrective action for releases which endanger public health or the environment. Releases will be addressed in accordance with a remediation plan submitted to and approved by the Division or with an abatement plan submitted in accordance with Rule 19 (19 NMAC 15.A. 19). [3-15-97]



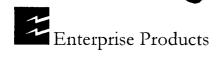
**INTEROFFICE COMMUNICATION** 

#### Mid-America Pipeline Company, LLC

#### Release Reporting Procedures

#### Procedure

- 1.1 When to Call Unless cleared by the Area Environmental Engineer/Scientist prior to the release event (i.e., maintenance releases, intentional releases associated with pipeline emergencies, etc.), Operations, or their designee, will communicate all reportable releases described below within one hour of their occurrence or discovery. Any ammonia release must be reported IMMEDIATELY to the 3E Company.
  - **1.1.1** <u>Reportable Release</u>: Any planned or unplanned release that meets any of the following criteria:
    - Any release of a liquid (i.e., refined product, NGL, etc.) below the ground surface
    - Any release of liquid outside the facility boundary
    - Any release (any product), regardless of size, which enters a waterway (i.e., ditch, arroyo, intermittent streams, etc.)
    - Any release 5 gallons or greater (intentional or unintentional)
    - All atmospheric releases (i.e., maintenance blow-down, natural gas, etc.) greater than 50 mscf when in gaseous form prior to the release.
    - Flaring event that exceeds any permitted limits. Limits will be provided by Environmental on Operations' request.
    - Any release of anhydrous ammonia not to a tank or closed container.
  - 1.1.2 <u>A Non-Reportable Release is:</u>
    - Sheen on rainwater within dikes and/or valve boxes not resulting from a release event (follow proper disposal practices).
    - Sheen on rainwater puddles in a facility not resulting from a release event (follow proper housekeeping practices).
    - Releases that, after considering any reduction in release amount from a control device or containment, results in a release of less than 5 gallons (i.e., a flare and assuming 95% destruction, blow-down to nurse tank, etc.).
    - Releases to flares that are less than the permit thresholds for the release.



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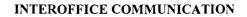


TABLE A PIPELINE VOLUME CALCULATIONS

DIAMETER (IN)	GAL/MILE	BBL/MILE	BBL (10 MILES)
3	1,939	46	462
4	3,447	82	821
6	7,755	185	1,846
8	13,786	328	3,282
10	21,541	513	5,129
12	31,019	739	7,385
14	42,220	1,005	10,052
16	55,145	1,313	13,130

#### TABLE C

#### **OFFICE OF PIPELINE SAFETY 24-HOUR EMERGENCY NUMBERS**

REGION	STATES INCLUDED	NUMBER
Central Region – Kansas City	Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota,	816-329-3800
	Missouri, Nebraska, North Dakota, Ohio, South	
	Dakota, Wisconsin	
Eastern Region - Washington	Connecticut; Delaware; Maine; Maryland;	(202) 260-8500
D.C.	Massachusetts; New Hampshire; New Jersey; New	
	York; Pennsylvania; Rhode Island; Vermont; Virginia;	
	Washington, D.C.; West Virginia.	
Southern Region - Atlanta	Alabama; Arkansas; Florida; Georgia; Kentucky;	(404) 832-1147
	Mississippi; North Carolina; Puerto Rico; South	
	Carolina; Tennessee	
Southwest Region - Houston	Arizona; Louisiana; New Mexico; Oklahoma; Texas	(713) 272-2859
Western Region – Denver	Alaska; California; Colorado; Hawaii; Idaho; Montana;	(720) 963-3160
	Nevada; Oregon; Utah; Washington; Wyoming	

#### **TECHNIQUES FOR CONTROLLING OIL DISCHARGES** (LAND & WATER)

#### Purpose

A. In spite of precautions taken, oil discharges can occur. Since the location and magnitude of discharges can vary so greatly, this section was written to furnish general guidelines and usable techniques for containment of cleanup operations.

#### 11. Countermeasures

- A. Upon discovery of an accidental discharge the first action taken should be the safeguard of life and property. The next step would be to find the source of discharge and stop additional loss of fluid.
  - 1. Controllable Discharge: In most cases the amount of fluid being discharged is small and operations can be shut down to relieve power oil line or flowline pressure while installing a saddle clamp. The same is true when a valve is left open or tanks overflow. If possible the oil should be transferred into another storage tank or holding tank.
  - 2. Catastrophic Discharge: The most damaging type of discharge usually occurs when a large volume of oil is lost in a short period of time. This is usually caused by ruptured tanks, equipment failure, or flowline breaks. In such cases the containment equipment and manpower should be concentrated well below the leading edge of the discharged oil. This will insure ample time for installation of containment dikes, dams and equipment.
  - 3. Flammability: If discharged material is flammable and is located in a congested area, the local Fire and Police Departments should be notified immediately. They in turn can initiate proper evacuation measures.

#### III. Containment & Removal

- A. Fast action to contain the discharged fluid is of the utmost importance. It not only reduces the size of the area affected, it also reduces the cost of cleanup operations. The successful handling of any oil discharge depends on four different operations:
  - 1) containment
  - 2) removal
  - 3) disposal
  - 4) cleanup.

#### IV. Mobilization

A. The availability of equipment, material and labor is very important. Depending on the terrain and size of the discharge the following equipment may be needed; dozers, backhoe, tanks or vacuum truck, pumps, hose, booms, fencing, sorbent materials, portable light plant, small boat, rubber boots, hand tools, communication system, etc.

#### V. Discharges On Land

A. Oil spills can come from many sources, however, the most common cause is power oil line or flowline leaks. The first rule for a land spill is, as always, containment. Confine the oil to the smallest area possible to reduce land damage and cleanup operations. In most areas, an earthen dam or dike can be constructed in the drainage flow to catch the oil. This will hold the oil for pick up by vacuum trucks. If groundwater (rain) is a problem, a retention pit can be dug with diversion ditches cut so that all spilled fluids drain into the pit. Vacuum trucks can then pick up the collected fluid. It may be necessary to install a siphon in the pit or dam if rainwater is a problem. A second dam or dike should always be maintained further down the drainage flow from where the oil is contained. If it becomes necessary to use this secondary dam, then immediately construct another further down the drainage flow.

#### VI. Containment of Discharges Into Water

- A. The first priority is to limit the spread of oil to the smallest possible area.
- B. Floating Boom Development: Depending on water currents, a boom can be an effective means of controlling the spread of oil on water. Different conditions require the boom to be placed in certain configurations to utilize their containment potential. Generally, where river or water currents exceed 3 feet per second, containment is hindered. The oil will be forced under the barrier if the boom is placed perpendicular to the direction of water flow. Floating booms should be placed in such a way as to divert the oil to a calm area where removal may be accomplished. The types of boom development techniques commonly used are outlined in the following descriptions and diagrams:
  - 1. Oil can be controlled along the shoreline adjacent to the point of discharge by tying one end of the boom to the shore and towing the loose end around the edge of the slick by boat or hand. Sorbent materials can then be placed in the slick, and removed by hand tools along the shoreline. Large spills can be removed by vacuum pump or by towing the boom and encircled oil to a location where a skimming operation can be accomplished. This type of development is shown in the upper portion of Figure D-1.
  - 2. The lower portion of Figure D-1 depicts an open lake with the slick located offshore. The boom is anchored at one end and towed around the slick to completely encircle the oil. The oil can then be removed with sorbent materials.

- 3. In a fast flowing stream (over 3 feet/second), the boom must be deployed to divert the oil into a calmer area for the removal operation. If the stream is narrow, the boom may be tied to one bank and stretched across the stream in a configuration similar to that shown in the upper portion of Figure D-2. Best results will be accomplished when the boom is deployed at an angle less than 20° to the direction of flow.
- 4. The lower portion of Figure D-2 depicts a wide fast flowing river where the boom will not reach across the river. The current would wash the oil under the barrier if the boom was placed perpendicular to the water flow. A boom configuration must be employed which diverts the oil into a calm area for oil removal. The boom is tied to the shoreline at one end and attached to a mooring line at the other end to maintain the proper configuration to herd the oil. The boom should be placed at an angle less than 20° to the direction of flow.
- 5. In order to avoid loss of oil under a boom due to delays in removing the oil or to recover lesser amounts over a longer period of time (overnight), the construction of a skimming pond can be used. This technique is shown in Figure D-3. The use of several booms in conjunction with a skimming pond at the stream edge is also shown in Figure D-3.
- C. Expedient Booms: Described below are simple booms that can be constructed with materials available from local sources.
  - 1. The several bales of straw or hay (end to end) with steel wire. This acts as a sorbent boom. If you want to use it as a containment-type boom, just cover the bales with polyethylene sheets. The boom is attached to a cable and deployed across the stream. Figure D-4 describes this boom.
  - 2. Logs or similar material can also be fastened together (end to end) and deployed across the water channel. Oil, however, passes more easily under this type barrier. This can be remedied by scattering floating sorbent materials in front of the barrier to help contain the oil. The barrier should also be placed at a sharper angle (10°) to the direction of flow.
  - 3. Filter Fences: Filter fences can be used to control oil in ditches and streams where, generally, the water depth is four feet or less. This type containment is very useful since it uses materials available in more areas at a minimal cost. This fence can be constructed with chicken or hog wire or chain link fence. Steel or wooden posts can be used for support and hay or straw used for the filter. Posts are driven into the stream bed 8-10 feet apart and set at an angle to current flow. The wire fencing is then tied to the post, always allowing at least one foot freeboard (wire above water level). Then anchor the fence to each bank of the stream. The straw or hay is broken out of the bales and spread over the water, the full width of the fence, for 15 to 20 feet back upstream. The depth of the straw or hay should be a minimum of 6 inches thick. In most cases there should be a series of these filter fences constructed leaving adequate working space between fences. These fences should always be continually maintained so the saturated straw or hay can be replaced as needed (Figure D-4).

- D. Flow Construction: It may be possible, where water flow volume is low, terrain permits, and sufficient time is available, to construct a catch basin in the stream channel or divert the water into holding ponds. This allows removal of oil by skimmer, vacuum trucks, etc.
  - 1. Siphon Dam: Figure D-5 illustrates two types of temporary eatch basin construction using submerged pipe openings to carry water past the surface barrier which, in turn, retains the floating oil. Care should be taken in selection of pipe diameter or number of pipes used to insure adequate discharge to prevent the dike from overflowing by trapped water.

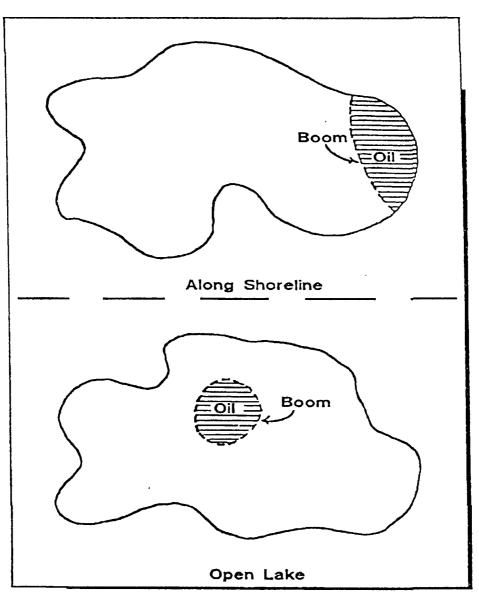
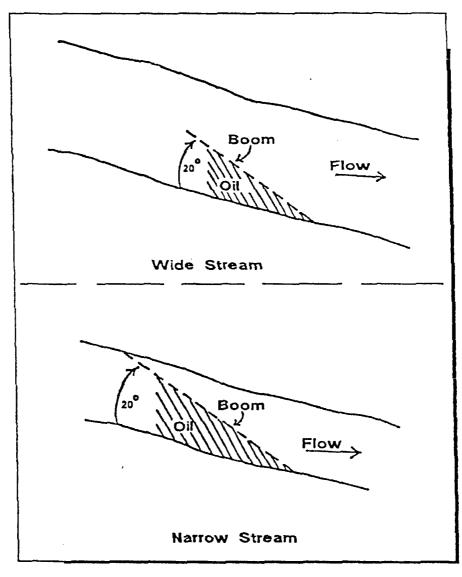


Figure D-1. Boom Deployment in Lakes.



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Figure D-2. Boom Deployment in Fast-Flowing Stream.

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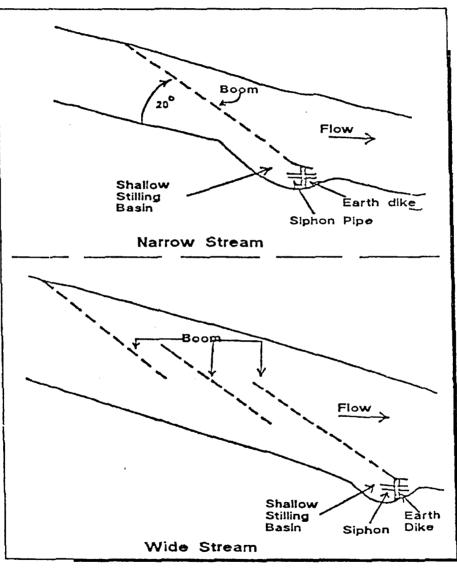


Figure D-3. Boom Deployment in Fast-Flowing Stream - Alternate Method.

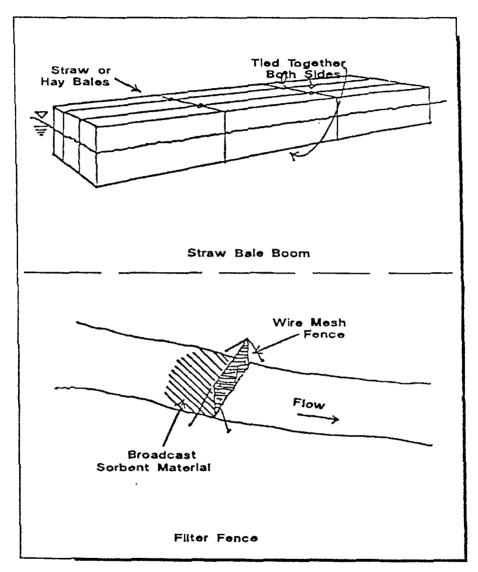


Figure D-4. Expedient Boom and Filter Fence.

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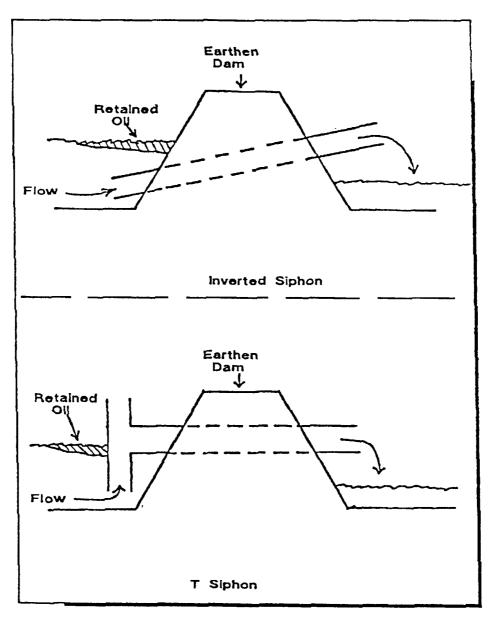


Figure D-5. Earthen Dam Construction.

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#### VII. Removal of Oil From Water

- A. Ideally, oil removal will be a two-stage operation. The first step is to consolidate the oil slick as much as possible. The greater oil thickness allows more efficient use of skimming equipment. Oil recovered by this process can often be placed back into the production system and thus recovered. The second stage is to remove the remaining skim of oil. This is done by covering the slick with floating sorbent materials and retrieving the saturated materials by hand labor.
- B. Practically, oil is diverted to the most suitable or accessible point where removal equipment can be located. Wind and water currents can be used to help float the oil into pockets for removal. However, wind and water currents can also hinder the operation. Always be aware of these two factors.

#### VIII. Treating Agents

- A. Oil spill treating agents are generally classified as dispersants, collecting agents, sinking agents, burning agents, or gelling agents.
- B. Chemical agents are not allowed to be used without prior approval of the EPA
- C. Enterprise does not keep these chemical agents on hand and does not intend for them to be used on any oil spill unless approval is received from the appropriate regulatory agency, and even then only with prior management approval.

#### IX. Final Cleanup

- A. The final cleanup phase is to remove the oil stains on banks and vegetation bordering the spill area. The remaining contamination can be picked up by heavy equipment and removed to a disposal site.
- B. In order to protect the shoreline it may be necessary to strip the oil from vegetation by hand or flush with water into a holding pond.

#### X. Disposal of Oil and Sorbent Materials

A. The Enterprise President or Operations Manager will determine what samples need to be taken and will evaluate what disposal options are best for the particular site. **APPENDIX B – NMOCD Notification Form** 

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<b>Release Notification and Corrective Action</b>												
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\* Attach Additional Sheets If Necessary