GW - 333

GENERAL CORRESPONDENCE

YEAR(S):

2006-2000

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

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

December 28, 2006

Mr. Shiver J. Nolan
Senior Compliance Administrator
Enterprise Products Operating, L.P.
P.O. Box 4324
Houston, Texas 77210-4324

RE: Discharge Plan Permit Renewal
Mid-America Pipeline Company, LLC
Natural Gas Liquid Pipeline System
GW-333 (San Luis Pump Station)
Sandoval County, New Mexico

Dear Mr. Nolan:

The New Mexico Oil Conservation Division (OCD) has received Enterprise Products Operating, L.P. request dated May 11, 2006, on the behalf of Mid-America Pipeline Company, LLC, to renew the discharge plan permit GW-333 for the Mid-America Pipeline Company, LLC San Luis Pump Station located in the SE/4 of the NW/4 of Section 13, Township 17 North, Range 3 West, NMPM, Sandoval County, New Mexico. The initial submittal did not include the required filing fee in order to initiate the review process. The filing fee was received and processed on October 26, 2006. The two submittals and a follow up email, which proposed the newspaper to publish the public notice, provided the required information in order to deem the application "administratively" complete.

Now that the submittal is deemed "administratively" complete, the New Mexico Water Quality Control Commission regulations (WQCC) public notice requirements of 20.6.2.3108 NMAC must be satisfied and demonstrated to the OCD. The OCD recommends a draft version of the public notice be provided for a pre-review prior to publishing in the newspaper and providing notice by certified mail to the property owner, in order to ensure all of the required information is provided prior to translation into Spanish and to prevent the expenditure of additional funds to republish the public notice.

The review of the submittal is to determine if any additional information or modifications may be required before consideration for technical approval. The submittal has been determined to be technically incomplete. Therefore, the OCD requests additional information. All technical issues

must be resolved prior to OCD's consideration for approval and initiation of the notice requirements of Subsection H of 20.6.2.3108 NMAC. In order to expedite and shorten the review and the OCD public notice time period, the OCD recommends that the requested information and modifications be provided within two weeks of receipt of this letter. A list of the required changes, additions, and corrections is provided below:

Page 1, Section III, Location of Facility

Please provide a street address, if available, and sufficient information to locate the discharge location with respect to surrounding landmarks.

Page 2, Section VII

The third paragraph suggests that laboratory analyses of non-exempt will occur once during the approval period of this plan and at a minimum of once every five years. OCD requires more frequent verification sampling. Wash-down bay water should be analyzed annually and all other non-exempt waste should be analyzed at a minimum once every two years. Please make the appropriate changes to this section.

Page 3, Table 2

Please identify the Enterprise and/or contractor consolidation point, specified in several descriptions of final disposition, in order to demonstrate that non-exempt waste will be handled appropriately and transported to an OCD approved facility.

Please specify the containment and spill prevention methods that are and/or will be implemented for the temporary on-site storage of used oil filters and process filters awaiting transport.

The description of final disposition for wash-down water suggests that evaporation at the Enterprise facility may be considered in the future. Please omit this proposal if it is not something that is currently being proposed (a modification) for approval in this submittal. If an evaporation method is a proposal, please provide design and operational details pertaining to the method and implementation and change the application status to include "modification and renewal".

The suggested containment/spill prevention proposals, in situ treatment, landfarming or an alternative method, for spill residue are not considered a method of containment. They would be considered a part of a process of final disposition and a modification, which would require approval prior to implementation. Please specify the method of containment for spill residue. If in situ treatment, landfarming or an alternative method is proposed for final disposition, please provide design and operational details pertaining to the method and implementation and change the application status to include "modification and renewal."

The description of final disposition of off-spec material recycled or disposed must be in compliance with RCRA. Please modify the table to reflect the requested changes and information referenced above.

Page 4, Section VIII, Storm Water Plan

The second paragraph states "this section concentrates on the identification of potential pollutants, identification of personnel responsible for the implementation, inspection and maintenance of the pollutant controls, and gives a description of structural controls to prevent storm water pollution." This is the appropriate information for this section. Please provide the information listed in the statement.

Page 4, Section VIII, Storm Water Plan – Site Assessment and Facility Controls

The plan states that "there are no engineered storm water controls or conveyances; all storm water leaves the site by overland flow." It also states that "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." Engineered storm water controls must be proposed, installed, and implemented. The engineered storm water controls must be properly located and constructed to prevent releases from entering any drainage ditches, culverts, or watercourses. Please provide the details of the storm water plan and also mention the containment and spill prevention features listed in Table 2.

Page 5, Section X, Spill/Leak Prevention and Reporting (Contingency Plan)

Please clarify the containment volume requirements for above ground tanks by specifying that the containment berm must be designed to contain one and one-third times the volume of the largest tanks or *the combined volume of interconnected tanks*, which ever one applies.

Page 6, Section XII, Facility Closure Plan

Please properly reference the Water Quality Control Commission (WQCC) in the first paragraph. In the second paragraph, please include the removal of all above and below ground tanks in the general closure measures.

Release Reporting Procedures, Interoffice Communication

Please include OCD contact information and notice criteria in the release reporting procedures.

If there are any questions regarding this matter, please do not hesitate to contact me at (505) 476-3487 or 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,

Brad A. Jones
Environmental Engineer

BAJ/baj

cc: OCD District III Office, Aztec
Runell A. Seale, Permitting Specialist, EPCO, Inc., Farmington, NM

Jones, Brad A., EMNRD

From: Seale, Runell [RSeale@eprod.com]
Sent: Friday, October 27, 2006 8:23 AM
To: Jones, Brad A., EMNRD
Cc: Fernald, Donald
Subject: RE: Renewal Applications for Mid-America Pipeline Company pump stations.
Attachments: Public Notice - Caprock Renewal.doc; Newspapers-OCD.xls

Hello Brad,

I have attached a sample public notice in English for the Caprock station. The other stations will be similar with site specific location data for each of the eleven facilities. I will have this translated into Spanish after you approve the wording. I have also attached a spreadsheet that lists the newspapers I plan to have the notice/advertisement published in. Please advise if you have any questions.

Runell A. Seale
Specialist, Environmental Permitting
EPCO, Inc.
614 Reilly Ave.
Farmington, NM 87401
505 599-2124 office
505 599-2538 fax
505 320-2816 cell
e-mail: rseale@eprod.com

From: Jones, Brad A., EMNRD [mailto:brad.a.jones@state.nm.us]
Sent: Tuesday, October 03, 2006 3:27 PM
To: Seale, Runell
Subject: RE: Renewal Applications for Mid-America Pipeline Company pump stations.

Runell,

I have attached a copy of the July 2006 WQCC regulations (20.6.2.3108 NMAC) regarding only the notice requirements. The highlighted (red) sections are the tasks that must be satisfied for renewals. Please review Subsections A and C closely. Subsections A specifies what must be submitted in order to to be deemed administratively complete and Subsection C specifies the notice requirements for renewals. It is recommended that a draft notice is submitted to us for review to determine if all of the required information and language of Subsection F is provided, prior to publication. You will find that the questions proposed below are answered in the highlighted sections. If you have any additional questions, please do not hesitate to contact me.

FYI: The requirements for new permits and modifications for different from renewals.

Brad

Brad A. Jones
Environmental Engineer
Environmental Bureau

NM Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505
E-mail: brad.a.jones@state.nm.us
Office: (505) 476-3487
Fax: (505) 476-3462

From: Seale, Runell [mailto:RSeale@eprod.com]
Sent: Tuesday, October 03, 2006 2:11 PM
To: Jones, Brad A., EMNRD
Subject: Renewal Applications for Mid-America Pipeline Company pump stations.

Brad,

In reviewing the new guidelines (June 2006) I notice that the language refers to "in a form provided by the department" Would you please provide an example of the format that is required for the synopsis publication notice, in English and Spanish.

I also note that we must not put this in the legal notice section. I assume that this means it should look like a box advertisement, is that correct?

Runell A. Seale
Environmental Specialist
EPCO, Inc.
614 Reilly Ave.
Farmington, NM 87401
505 599-2124 office
505 599-2538 fax
505 320-2816 cell
e-mail: rseale@eprod.com

Newspapers for Public Notice for MAPL Discharge Plans

Pump Station	Plan Number	County	Newspaper	City
Caprock	GW342	Lea	Hobbs News Sun	Hobbs
Edgewood	GW340	Santa Fe	Moriarity Mountain View Telegraph	Moriarity
Estancia	GW339	Torrance	Moriarity Mountain View Telegraph	Moriarity
Duran	GW336	Guadalupe	Roswell Daily Record	Roswell
Huerfano	GW335	San Juan	The Daily Times	Farmington
Kutz	GW334	San Juan	The Daily Times	Farmington
Lybrook	GW337	Rio Arriba	The Daily Times	Farmington
Mesa	GW338	Chaves	Roswell Daily Record	Roswell
San Luis	GW333	Sandoval	Rio Rancho Observer	Rio Rancho
San Ysidro	GW332	Sandoval	Rio Rancho Observer	Rio Rancho
White Lakes	GW341	Chaves	Roswell Daily Record	Roswell

Enterprise Products

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

October 18, 2006

Return Receipt Requested
7005 1820 0000 7947 3702

Mr. Brad Jones
Environmental Bureau
New Mexico Energy Mineral and
Natural Resources Department
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

RE: Discharge Plan Application/Discharge Plant Renewals

Dear Mr. Jones,

In compliance with New Mexico Water Quality Control Commission Regulation 20.6.2.3114 Fees enclosed please find a check in the amount of $1,100.00 in payment for application filing fees for the following Mid-America Pipeline Company, LLC pump stations. The applications were submitted to your department on May 11, 2006.

Pump Station Name	County	Discharge Plan Number
Caprock	Lea County	GW-342
Edgewood	Santa Fe County	GW-340
Estancia	Torrance County	GW-339
Duran	Guadalupe County	GW-336
Huerfano	San Juan County	GW-335
Kutz	San Juan County	GW-334
Lybrook	Rio Arriba County	GW-337
Mesa	Chaves County	GW-338
San Luis	Sandoval County	GW-333
San Ysidro	Sandoval County	GW-332
White Lakes	Chaves County	GW-341

Should you have questions or need additional information, please contact Ms. Runell Seale, Specialist-Environmental Permitting at 505/599-2124 or Mr. Clay Roesler, Manager-Environmental Permitting at 713/803-7917.

Yours truly,

Shiver J. Nolan

	Description	FUND	CES	DFA ORG	DFA ACCT	ED ORG	ED ACCT	AMOUNT	
	CY Reimbursement Project _____ Tax ___	064	01						1
	Gross Receipt Tax	064	01		2329	900000	2329134		2
	Air Quality Title V	092	13	1300	1696	900000	4169134		3
	PRP Prepayments	248	14	1400	9696	900000	4969014		4
	Clinax Chemical Co.	248	14	1400	9696	900000	4969015		5
	Circle K Reimbursements	248	14	1400	9696	900000	4969248		6
	Hazardous Waste Permits	339	27	2700	1696	900000	4169027		7
	Hazardous Waste Annual Generator Fees	339	27	2700	1696	900000	4169339		8
	Water Quality - Oil Conservation Division	341	29		2329	900000	2329029	1,100.00	10
	Water Quality - GW Discharge Permit	341	29	2900	1696	900000	4169029		11
	Air Quality Permits	631	31	2500	1696	900000	4169031		12
	Payments Under Protest	651	33		2919	900000	2919033		13
	Xerox Copies	652	34		2349	900000	2349001		*14
	Groundwater Penalties	652	34		2349	900000	2349002		15
	Witness Fees	652	34		2349	900000	2349003		16
	Air Quality Penalties	652	34		2349	900000	2349004		17
	OSHA Penalties	652	34		2349	900000	2349005		18
	Prior Year Reimbursement	652	34		2349	900000	2349006		19
	SurfaceWater Quality Certification	652	34		2349	900000	2349009		20
	Jury Duty	652	34		2349	900000	2349012		21
	CY Reimbursements (i.e. telephone)	652	34		2349	900000	2349014		22
	UST Owner's List	783	24	2500	9696	900000	4969201		*23
	Hazardous Waste Notifiers List	783	24	2500	9696	900000	4969202		*24
	UST Maps	783	24	2500	9696	900000	4969203		*25
	UST Owner's Update	783	24	2500	9696	900000	4969205		*26
	Hazardous Waste Regulations	783	24	2500	9696	900000	4969207		*28
	Radiologic Tech. Regulations	783	24	2500	9696	900000	4969208		*29
	Superfund CERLIS List	783	24	2500	9696	900000	4969211		*30
	Solid Waste Permit Fees	783	24	2500	9696	900000	4969213		31
	Smoking School	783	24	2500	9696	900000	4969214		32
	SWQB - NPS Publications	783	24	2500	9696	900000	4969222		*33
	Radiation Licensing Regulation	783	24	2500	9696	900000	4969228		*34
	Sale of Equipment	783	24	2500	9696	900000	4969301		*35
	Sale of Automobile	783	24	2500	9696	900000	4969302		*38
	Lust Recoveries	783	24	2500	9696	900000	4969814		**37
	Lust Repayments	783	24	2500	9696	900000	4969815		**38
	Surface Water Publication	783	24	2500	9696	900000	4969801		39
	Exxon Reese Drive Ruidoso - CAF	783	24	2500	9696	900000	4969242		40
	Emerg. Hazardous Waste Penalties NOV	957	32	9600	1696	900000	4164032		41
	Radiologic Tech. Certification	987	05	0500	1696	900000	4169005		42
	Ust Permit Fees	989	20	3100	1696	900000	4169020		44
	UST Tank Installers Fees	989	20	3100	1696	900000	4169021		45
	Food Permit Fees	991	26	2600	1696	900000	4169026		46
	Other								43

TOTAL $1,100.00

Gross Receipt Tax Required — Site Name & Project Code Required

Contact Person: Wayne Price Phone: 476-3490 Date: 10/26/00

Received in ASD By: _____ Date: _____ RT #: _____ ST #: _____

FSB025
Revised 07/07/00

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 10/16/06

or cash received on _____ in the amount of $ 100.00

from Enterprise Products

for GW-333 San Luis

Submitted by: Lawrence Romero Date 10/26/06

Submitted to ASD by: Lawrence Romero Date 10/26/06

Received in ASD by: _____ Date _____

Filing Fee ✓ New Facility _____ Renewal _____

Modification _____ Other _____

Organization Code 521.07 Applicable FY 2004

To be deposited in the Water Quality Management Fund.

Full Payment _____ or Annual Increment _____

THE FACE OF THIS DOCUMENT CONTAINS SECURITY PRINTING.

MID-AMERICA PIPELINE COMPANY, LLC
P.O.BOX 4324
HOUSTON, TEXAS 77210

JPMORGAN CHASE BANK, N.A. 56-1544/441

[redacted]

DATE 16-OCT-06

ENTERPRISE

PAY EXACTLY AMOUNT

One Thousand One Hundred And No/100 Dollars $*******1,100.00

PAY TO THE ORDER OF

STATE OF NEW MEXICO
ENERGY MINERALS & NAT RES DEPT
1220 SOUTH ST FRANCIS DR
SANTA FE, NM 87505
United States

REGULAR ACCOUNT
VOID AFTER 180 DAYS

W. Randolph Fowler

[redacted]

Jones, Brad A., EMNRD

From: Chavez, Carl J, EMNRD
Sent: Tuesday, September 19, 2006 1:50 PM
To: RSeale@eprod.com
Cc: Jones, Brad A., EMNRD
Subject: FW: Renewal Discharge Plans
Attachments: Chavez, Carl J, EMNRD.vcf

Ms. Seale:

Mr. Ed Martin was the permit writer, but has recently accepted another position in the Bureau. As you can see from the msgs. below, it appears that Mr. Brad Jones will take over for Mr. Martin and will be pulling the files to begin work on renewing discharge plans for Mid-America Pipeline Company, LLC.

Thank you for contacting the Oil Conservation Division and you may contact Mr. Brad Jones at (505) 476-3487 or via Brad's e-mail address above if you have question. Sincerely,

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources Dept.
Oil Conservation Division, Environmental Bureau
1220 South St. Francis Dr., Santa Fe, New Mexico 87505
Office: (505) 476-3491
Fax: (505) 476-3462
E-mail: CarlJ.Chavez@state.nm.us
Website: http://www.emnrd.state.nm.us/ocd/
(Pollution Prevention Guidance is under "Publications")

From: Price, Wayne, EMNRD
Sent: Tuesday, September 19, 2006 12:11 PM
To: Chavez, Carl J, EMNRD; Jones, Brad A., EMNRD
Cc: Martin, Ed, EMNRD
Subject: RE: Renewal Discharge Plans

Brad, please go into RBDMS and change the reviewer name from Martin to Jones. When the new guy gets here I want us to inspect these facilities. Also please pull the files and determine what our next move is.

From: Chavez, Carl J, EMNRD
Sent: Thursday, September 14, 2006 3:33 PM
To: Price, Wayne, EMNRD
Cc: Martin, Ed, EMNRD
Subject: FW: Renewal Discharge Plans

Wayne:

FYI. I am copying Ed Martin on this msg. I think she wants to know the status. Thnx.

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources Dept.

Oil Conservation Division, Environmental Bureau
1220 South St. Francis Dr., Santa Fe, New Mexico 87505
Office: (505) 476-3491
Fax: (505) 476-3462
E-mail: CarlJ.Chavez@state.nm.us
Website: http://www.emnrd.state.nm.us/ocd/
(Pollution Prevention Guidance is under "Publications")

From: Seale, Runell [mailto:RSeale@eprod.com]
Sent: Thursday, September 14, 2006 3:14 PM
To: Chavez, Carl J, EMNRD
Subject: Renewal Discharge Plans

Hello Carl,

As we discussed today, I have listed the Discharge Plans we are awaiting approval upon. Would you please check on status of these renewals and let me know? Thanks for your assistance.

Mid-America Pipeline Company, LLC Renewal Discharge Plans were sent to Ed Martin, New Mexico Energy Minerals and Natural Resources Department, 1220 S. St. Francis Drive, Santa Fe, NM 87505 on May 11, 2006.

Awaiting approval from NM Energy, Minerals & Natural Resources Dept/Environmental Bureau-Santa Fe for the following:

Caprock Pump Station	GW342
Edgewood Pump Station	GW340
Estancia Pump Station	GW339
Duran Pump Station	GW336
Huerfano Pump Station	GW335
Kutz Pump Station	GW334
Lybrook Pump Station	GW337
Mesa Pump Station	GW338
San Luis Pump Station	GW333
San Ysidro Pump Station	GW332
White Lakes Pump Station	GW341

Runell A. Seale
Environmental Specialist
EPCO, Inc. (Enterprise Products Operating, LLP)
614 Reilly Ave.
Farmington, NM 87401
505 599-2124 office
505 599-2538 fax
505 320-2816 cell
e-mail: rseale@eprod.com

Enterprise Products

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

May 11, 2006

Return Receipt Requested
7003 1680 0005 0234 3578

Mr. Ed Martin
Oil Conservation Division
NEW MEXICO ENERGY MINERALS AND
NATURAL RESOURCES DEPARTMENT
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

RE: Discharge Plan Application/Discharge Plan Renewals –

Dear Mr. Martin:

Enclosed for your review and handling are the Discharge Plan Renewals for the following facilities:

Pump Station Name	County	OCD #	Exp.
Caprock	Lea County	GW-342	4-10-06
Edgewood	Santa Fe County	GW-340	4-15-06
Estancia	Torrance County	GW-339	"
Duran	Guadalupe County	GW-336	5-8-06
Huerfano	San Juan County	GW-335	"
Kutz	San Juan County	GW-334	"
Lybrook	Rio Arriba County	GW-337	4-15-06
Mesa	Chaves County	GW-338	4-13-06
San Luis	Sandoval County	GW-333	5-8-06
San Ysidro	Sandoval County	GW-332	"
White Lakes	Chaves County	GW-341	4-14-06

Should you have questions or need additional information, please contact Mr. Donald Fernald, Environmental Scientist at 505/599-2141 or Mr. Alvaro Parro, Environmental Manager-Pipelines at 713/880-6957.

Yours truly,

Shiver J. Nolan
Senior Compliance Administrator

sjn/ras
Enclosures
Copy to: Denny Foust, NMOCD, Aztec

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

State of New Mexico
Energy Minerals and Natural Resources

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

Revised June 10, 2003

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

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

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

☐ New ☒ Renewal ☐ Modification

1. Type: San Ysidro Pump Station
2. Operator: Enterprise Products Operating, L.P.

   Address: P.O. Box 4324, Houston, Texas 77210-4324

   Contact Person: Mr. Don Fernald, Environmental Scientist Phone: 505/599-2141
3. Location: SE /4 NW /4 Section 19 Township 15 North Range 2 East
   Submit large scale topographic map showing exact location.
4. Attach the name, telephone number and address of the landowner of the facility site.
5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.
6. Attach a description of all materials stored or used at the facility.
7. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included.
8. Attach a description of current liquid and solid waste collection/treatment/disposal procedures.
9. Attach a description of proposed modifications to existing collection/treatment/disposal systems.
10. Attach a routine inspection and maintenance plan to ensure permit compliance.
11. Attach a contingency plan for reporting and clean-up of spills or releases.
12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included.
13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.

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

Name: Kevin Bodenhamer Title: Director, Western Operations

Signature: Kevin Bodenhamer Date: 5-8-06

E-mail Address: aparra @eprod.com

Renewal: Discharge Plan – GW 332

Mid-America Pipeline Company LLC
Natural Gas Liquids Pipeline System

San Ysidro Pump Station

SE/4, NW/4, Section 19, Township 15 North, Range 2 East
Sandoval County, NM

April 2006

TABLE OF CONTENTS

Type of Operation

The Mid-America Pipeline Company LLC San Ysidro Pump Station was constructed in 1992 to pump natural gas liquids along the Mid-America Pipeline System which is operated by Enterprise Products Operating LP.

I. 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

II. Location of Facility

The San Ysidro Pump Station is located in the SE/4 of NW/4 of Section 19, Township 15 North, Range 2 East, in Sandoval County, New Mexico, approximately 3 miles south of San Ysidro, 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.

III. Landowner

Mid-America Pipeline Company LLC owns the property

IV. 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 three, 1400 Horsepower Solar turbines and one, 1300 Horsepower Solar turbine. 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.

V. 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.

Table 1
Source, Quantity, and Quality of Effluent and Waste Solids
SAN YSIDRO PUMP STATION

Process Fluid/Waste	Source	Quantity (Ranges)	Quality
Used Oil	Engine	200-400 gal/engine/every three years	Used motor oil with not additives
Used Oil Filters	Engine	4-8 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.

VI. 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.

Table 2
Transfer, Storage, and Disposal of Process Fluids, Effluents, and Waste Solids
SAN YSIDRO PUMP STATION

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

Thanks WES

dig + haul
[illegible] site LF

VII. 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.

VIII. 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'e Environmental Department prepares the written follow-up 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 by as required by permit or regulations.

IX. 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 will be constructed with a means of leak detections, and are either double-bottomed 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).

X. Site Characteristics

The San Ysidro Pump Station is located approximately 3 miles south of San Ysidro, New Mexico. The site elevation is approximately 5,450 feet above mean sea level. The natural ground surface topography slopes downward toward the west-northwest. The maximum relief over the site is approximately 10 feet.

Intermittent flow from the site will follow the unnamed drainage towards the northwest. The unnamed drainage meets the Piedra Parada Arroyo, approximately ¼ mile northwest of the site. Piedra parade Arroyo drains approximately ½ mile east into the Jemez River. The Jemez River, at approximately 5,420 feet in elevation, is the nearest down-gradient perennial source of surface water to the site.

A review of the available hydrologic data [1,2,3,4] for this area revealed that there are no water wells within a ¼-mile radius of the San Ysidro Pump Station. The Santa Fe Group is the water-bearing unit underlying the site. This formation consists of a basin fill and floodplain deposits. Groundwater depth at the site is estimated to be 30 to 50 feet below the surface. The total dissolved solids concentration of area ground water ranges from 200 to 2000 parts per million.

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[1] 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.

[2] Kelly, V.C. 1977, Geology of Albuquerque Basin, New Mexico, New Mexico Bureau of Mines and Mineral Resources, Memoir 33.

[3] Online Climate Information, Western Regional Climate Center, 2000.

[4] 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 3.0 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.

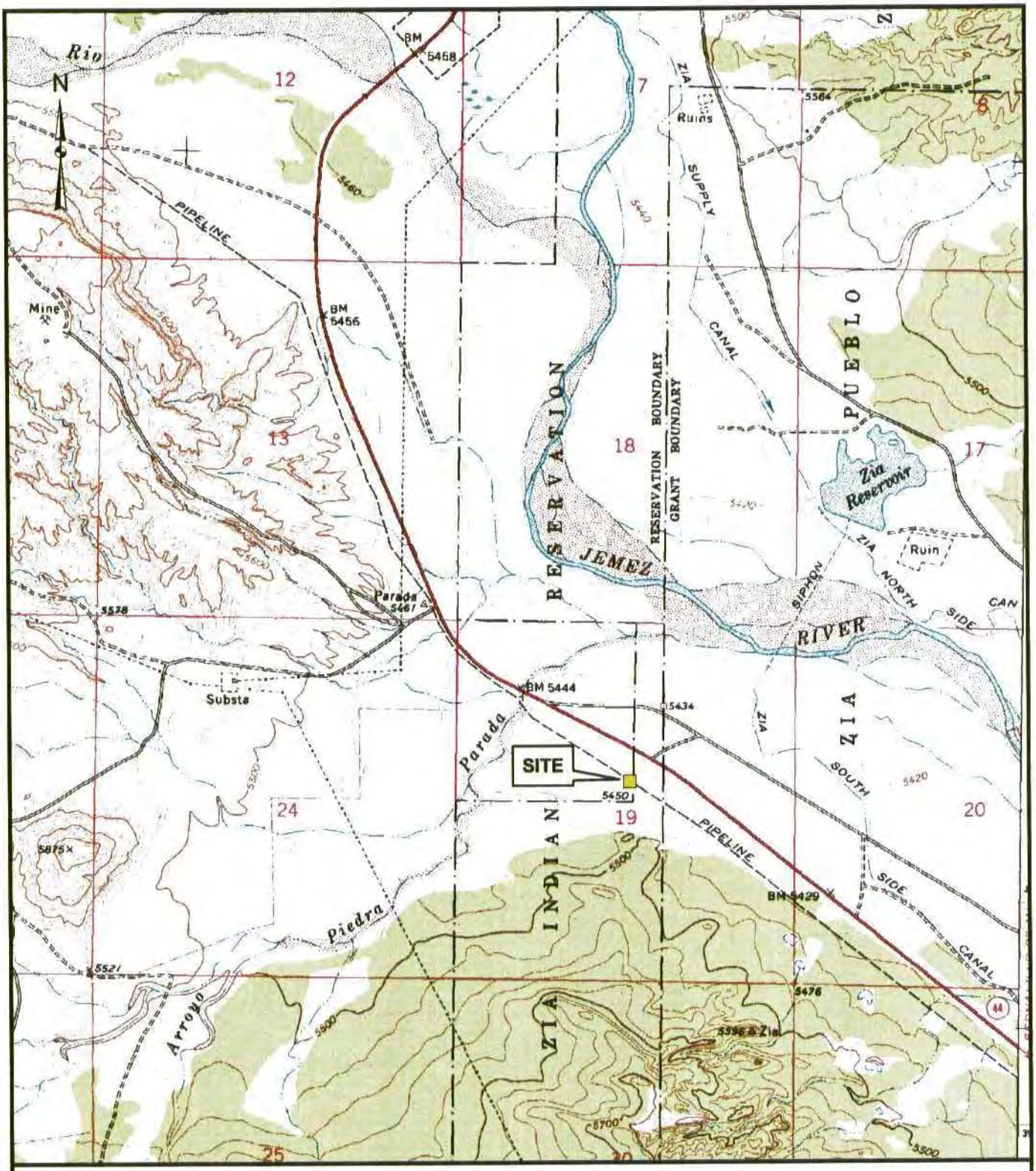
XI. Facility Closure Plan

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



Source: USGS San Ysidro Quadrangle, New Mexico

Site Vicinity / Topographic Map
San Ysidro Pump Station

Section 19, Township 15N Range 2E
Sandoval County, New Mexico

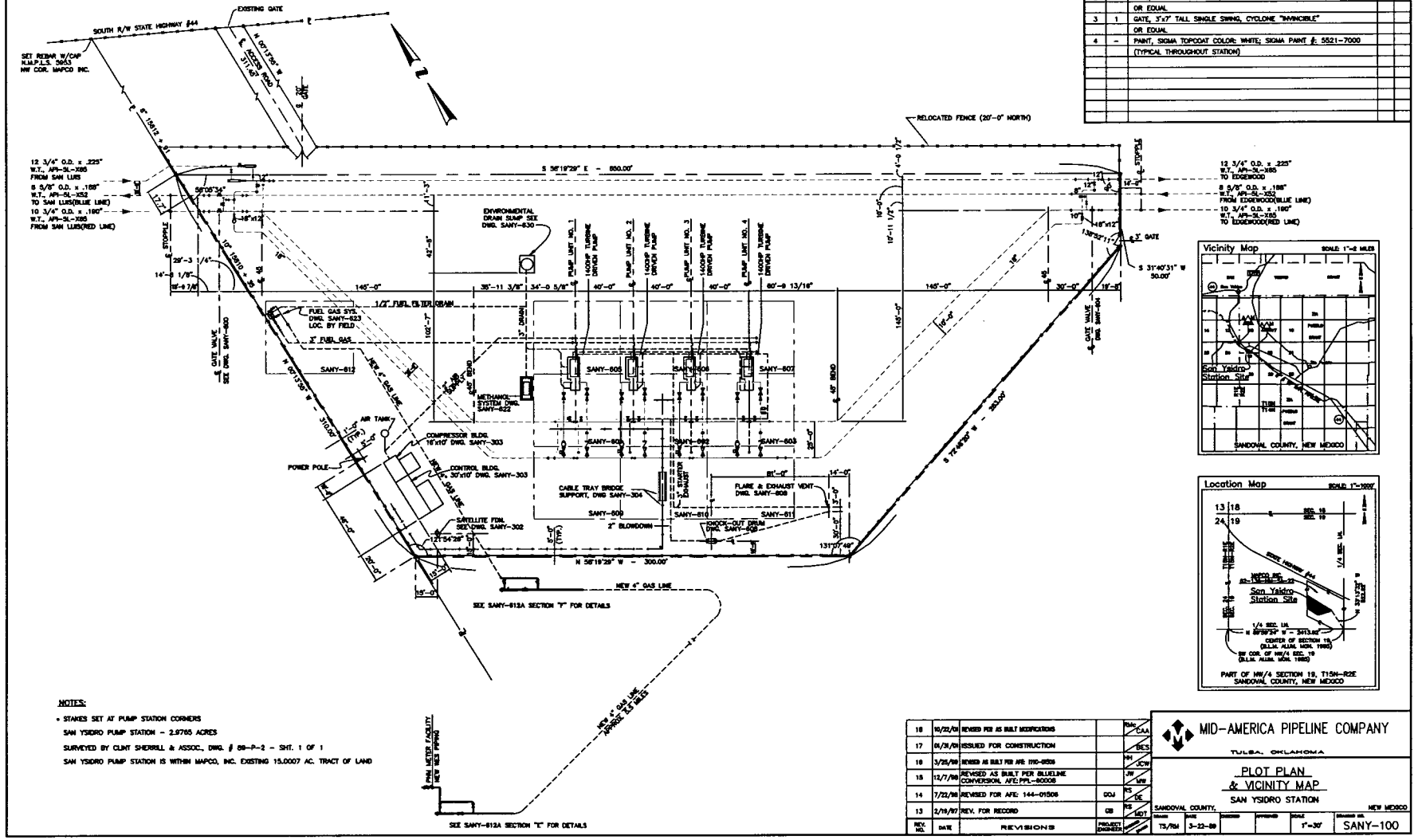
Enterprise Products Operating LP

4-24-2006 v:\gisprojects\sysmap\mapl\rocky-mountain\San_Ysidro-vicinity.mxd

Scale: 1" = 2,000'

FIGURE 2 – Site Plot Plan

SANY-100



BILL OF MATERIAL

ITEM NO.	QUANTITY	DESCRIPTION	SAN YS.	NEW
1	1691	L/F FENCE 6' x 11 GA.x 2" MESH CHAINLINK W/TOP BRACKET		
		(45° OUT) & 3 STRANDS BARBED WIRE, C/W TOP RAIL		
		BRACING, CORNER, LINE & GATE POSTS, ERECTION		
		HARDWARE, ALL MATERIAL GALVANIZED		
2	1	GATE, 20' DOUBLE SWING, CYCLONE "INVINCIBLE"		
		OR EQUAL		
3	1	GATE, 3'x7' TALL SINGLE SWING, CYCLONE "INVINCIBLE"		
		OR EQUAL		
4	-	PAINT, SIGMA TOPCOAT COLOR: WHITE; SIGMA PAINT #: 5521-7000		
		(TYPICAL THROUGHOUT STATION)		

NOTES:

- STAKES SET AT PUMP STATION CORNERS

SAN YSIDRO PUMP STATION - 2.9765 ACRES

SURVEYED BY CLINT SHERRILL & ASSOC., DWG. # 88-P-2 - SHT. 1 OF 1

SAN YSIDRO PUMP STATION IS WITHIN MAPCO, INC. EXISTING 15.0007 AC. TRACT OF LAND

REV. NO.	DATE	REVISIONS	PROJECT ENGINEER	APPROVED
18	10/22/01	REVISED FOR AS BUILT MODIFICATIONS		CAA
17	06/21/01	ISSUED FOR CONSTRUCTION		BES
16	3/25/99	REVISED AS BUILT PER AFE: 190-9808		JCW
15	12/7/98	REVISED AS BUILT PER BLUELINE CONVERSION, AFE: PPL-80008		MW
14	7/22/98	REVISED FOR AFE: 144-01508	DOJ	DE
13	2/19/97	REV. FOR RECORD	GB	MDT

MID-AMERICA PIPELINE COMPANY
TULSA, OKLAHOMA

PLOT PLAN & VICINITY MAP
SAN YSIDRO STATION
SANDOVAL COUNTY, NEW MEXICO

DRAWN	DATE	DESIGNED	APPROVED	SCALE	DRAWING NO.
TS/RM	3-22-89			1"=30'	SANY-100

APPENDIX A – Spill Control Procedures and Spill Contingency Plans

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]

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 Reportable Release: 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 A Non-Reportable Release is:

- 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.

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

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.

II. **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. Tie 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 catch 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.

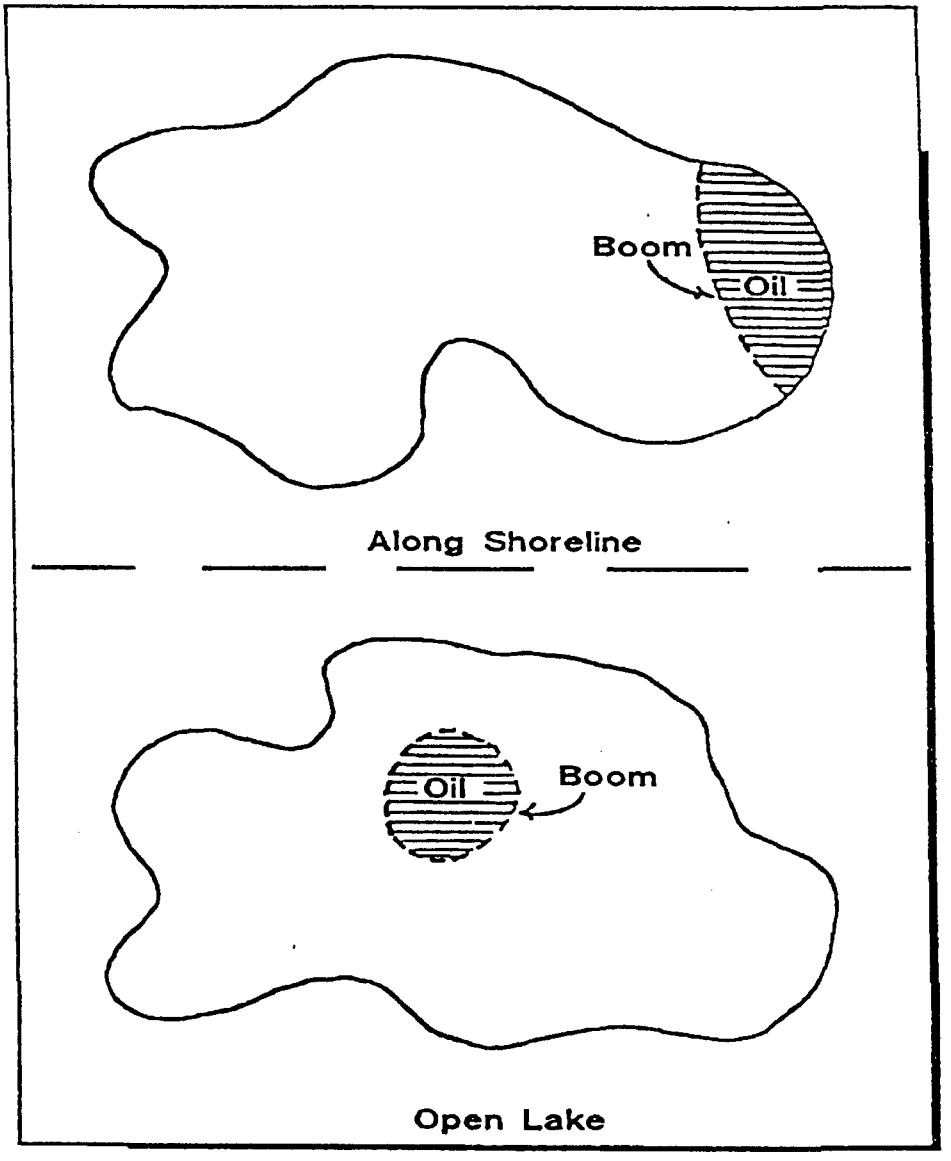


Figure D-1. Boom Deployment in Lakes.

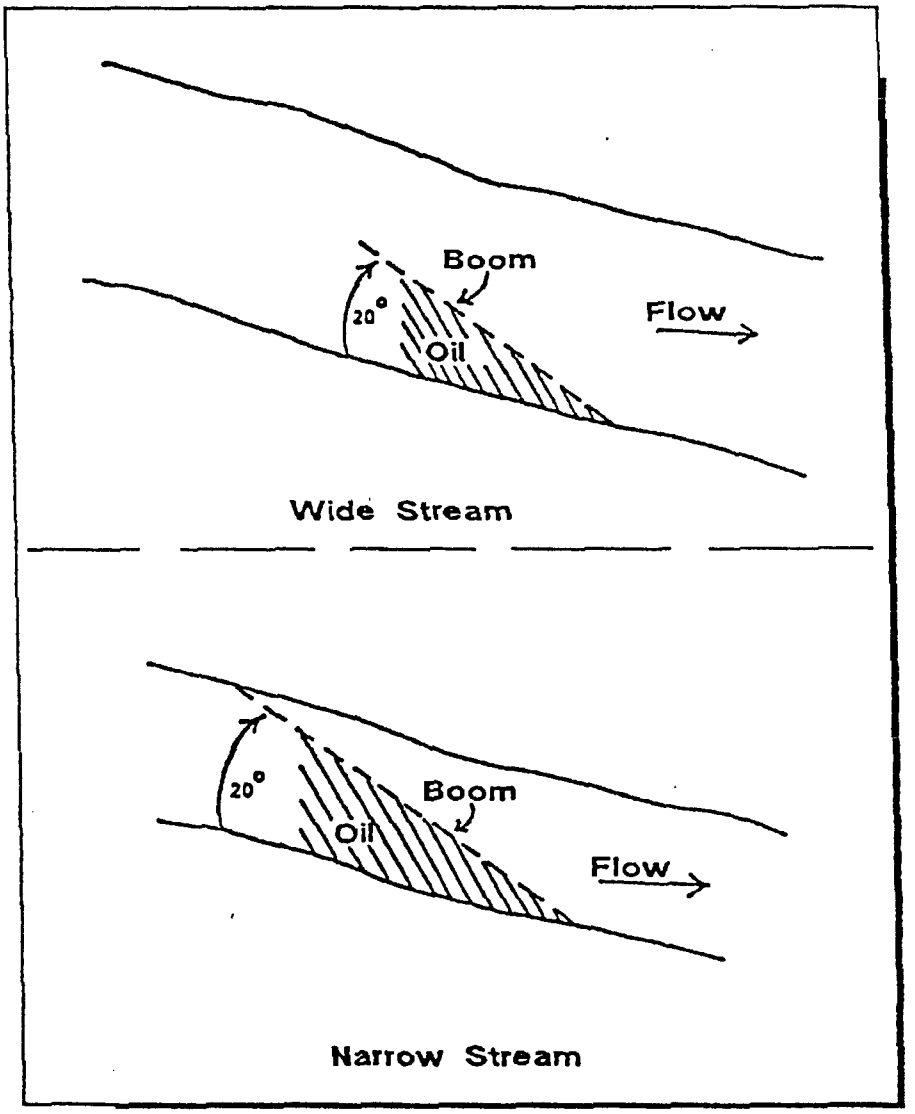


Figure D-2. Boom Deployment in Fast-Flowing Stream.

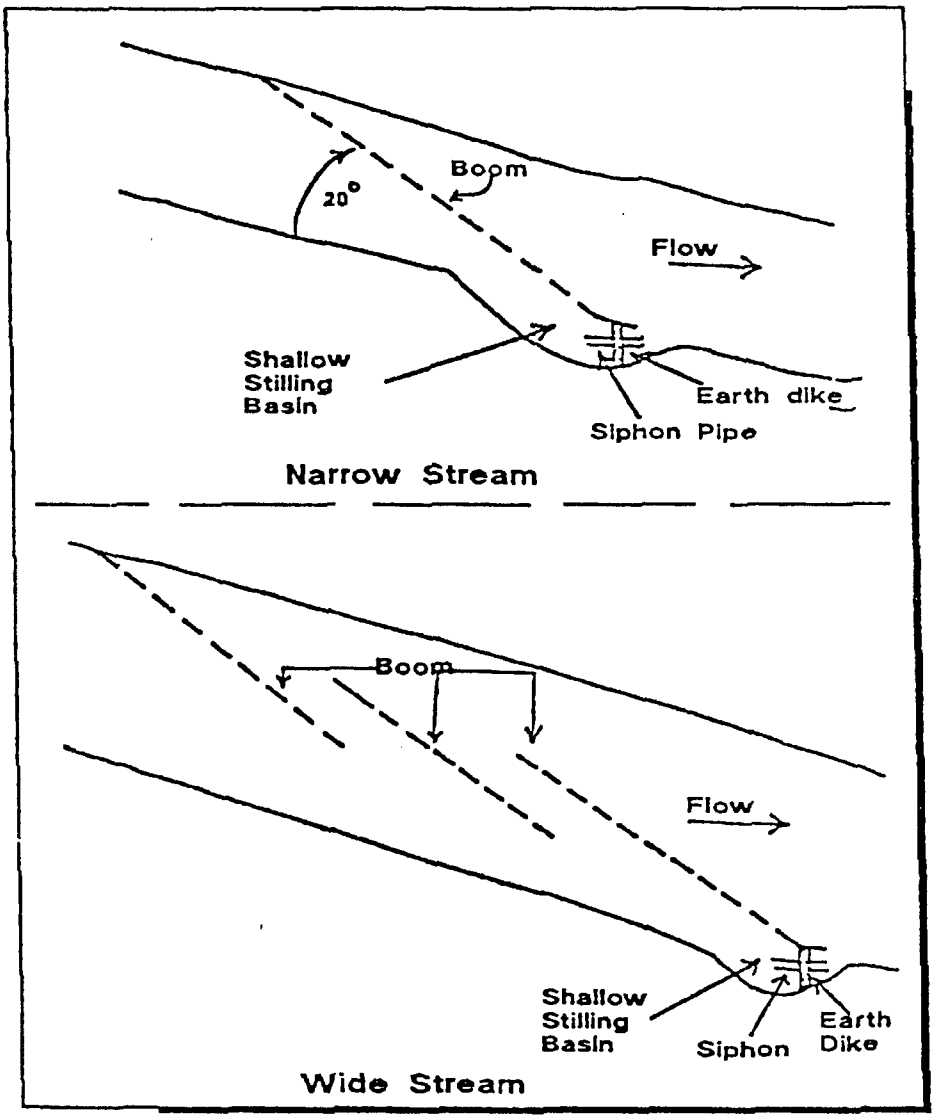


Figure D-3. Boom Deployment in Fast-Flowing Stream - Alternate Method.

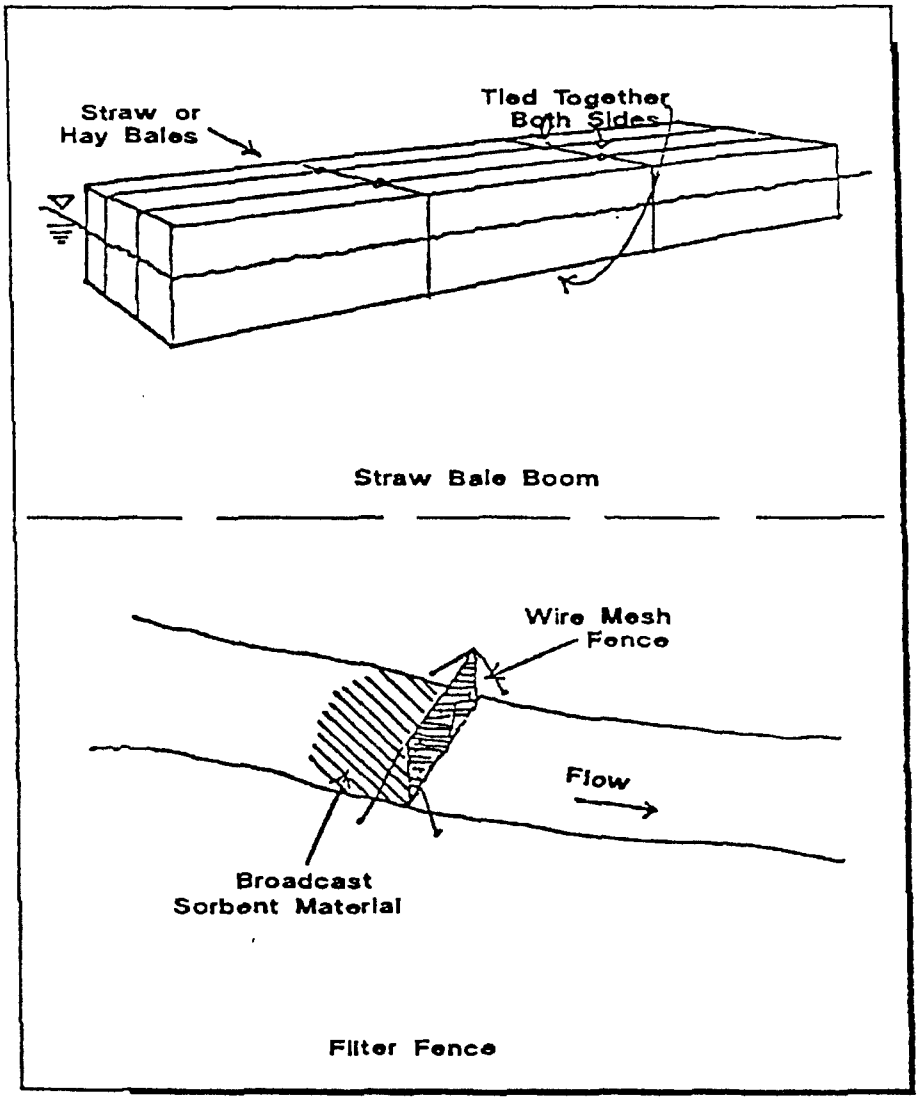


Figure D-4. Expedient Boom and Filter Fence.

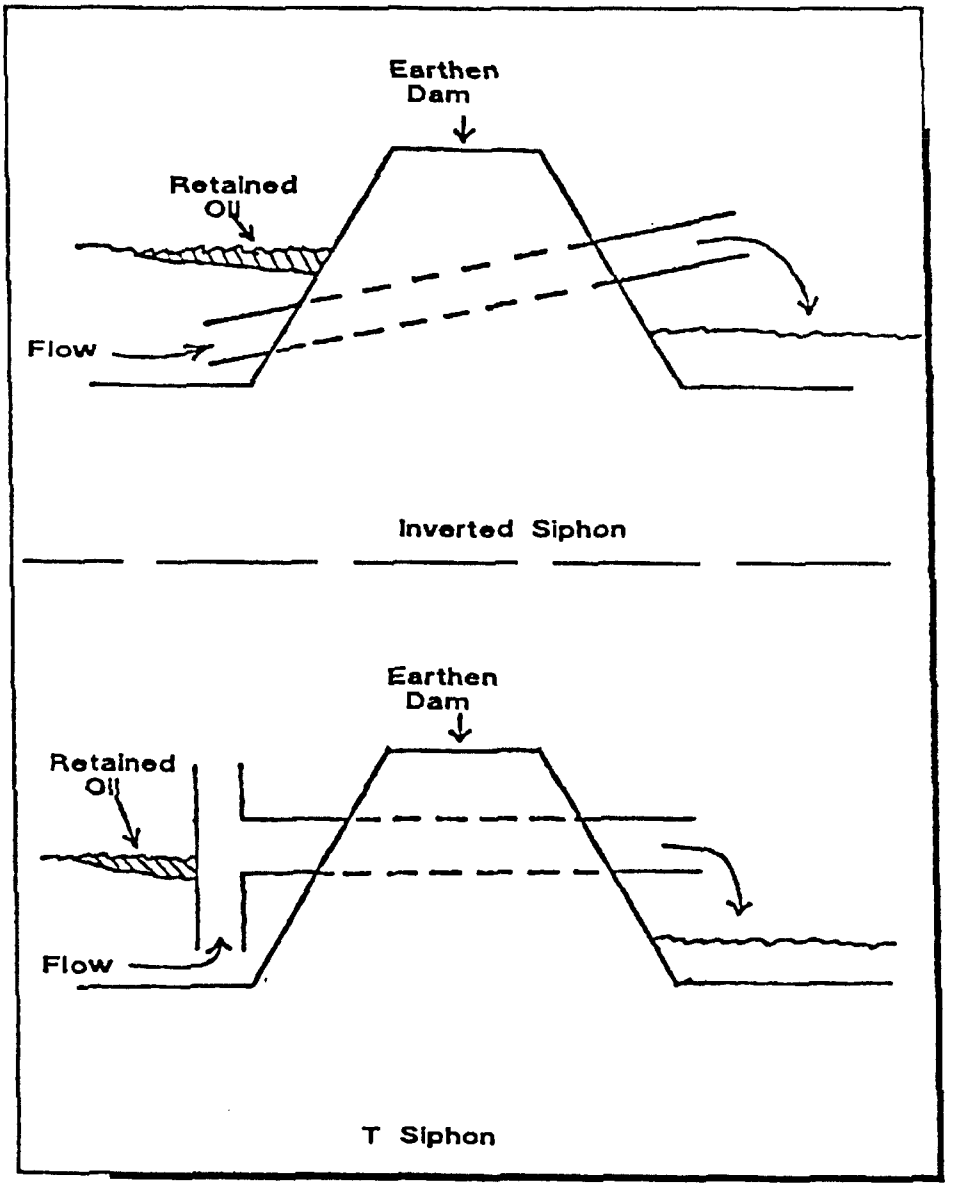


Figure D-5. Earthen Dam Construction.

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

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

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☐ Final Report

Name of Company	Contact
Address	Telephone No.
Facility Name	Facility Type

Surface Owner	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County

Latitude_____ **Longitude**_____

NATURE OF RELEASE

Type of Release	Volume of Release	Volume Recovered
Source of Release	Date and Hour of Occurrence	Date and Hour of Discovery
Was Immediate Notice Given? ☐ Yes ☐ No ☐ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☐ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Describe Area Affected and Cleanup Action Taken.*

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:	OIL CONSERVATION DIVISION	
Printed Name:	Approved by District Supervisor:	
Title:	Approval Date:	Expiration Date:
E-mail Address:	Conditions of Approval:	Attached ☐
Date: Phone:		

* Attach Additional Sheets If Necessary

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

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

December 22, 2005

Mr. Alvaro Parra
Enterprise Products Operating, L.P.
P.O. Box 4324
Houston, TX 77210-4324

RE: Discharge Permit Expirations

Dear Mr. Hurlburt:

The following discharge permits expire soon.

Permit Number	Facility	Expiration Date
GW-333	San Luis Pump Station	May 8, 2006
GW-336	Duran Pump Station	May 8, 2006
GW-335	Huerfano Pump Station	May 8, 2006
GW-334	Kutz Pump Station	May 8, 2006
GW-341	White Lakes Pump Station	April 19, 2006
GW-337	Lybrook Pump Station	April 16, 2006
GW-339	Estancia Pump Station	April 16, 2006
GW-338	Mesa Pump Station	April 13, 2006

Permit renewals should be submitted to the New Mexico Oil Conservation Division as soon as possible. Please address all future correspondence concerning these facilities to:

Ed Martin
New Mexico Oil Conservation Division
1220 S. St. Francis
Santa Fe, NM 87505

If you have any questions, contact me at (505) 476-3492 or ed.martin@state.nm.us

NEW MEXICO OIL CONSERVATION DIVISION

Ed Martin

Edwin E. Martin
Environmental Bureau

ENTERPRISE PRODUCTS OPERAT
P.O. BOX 1788
ROCK SPRINGS, WY 82902-1788
307-362-2703

ENTERPRISE®

August 26, 2003

RECEIVED

AUG 2 8 2003

OIL CONSERVATION DIVISION

Mr. Jack Ford
State of New Mexico
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

RE: Transfer of Discharge Permits

Dear Mr. Ford:

Enterprise Products Company, L.P. is submitting this letter to notify NMOCD of the transfer for the OCD Discharge Plans listed below. On February 1, 2003 the owner remained as Mid-America Pipeline, however the operator changed from "The Williams Companies, Inc." to "Enterprise Products Operating, L.P".

Caprock	GW-342	Lybrook	GW-337
Duran	GW-336	Mesa	GW-338
Edgewood	GW-340	San Luis	GW-333
Estancia	GW-339	San Ysidro	GW-332
Huerfano	GW-335	White Lakes	GW-341
Kutz	GW-334		

Enterprise Products Operating, L.P agrees to abide by all commitments submitted in each of the above discharge plan renewal applications.

Please direct all future inquiries, regarding Discharge Plans to:

Enterprise Products Operating, L.P
ATTN: Alvaro Parra
PO Box 4324
Houston, TX 77210-4324
(713) 880-6957

Should you have any questions please call me at 307-362-2703 ext. 106.

Sincerely,

Linda M. Sugano

Linda Sugano
Environmental Specialist

cc: Alvaro Parra, Enterprise

Four Corners Area
Environmental Department
#188 CR 4900
Bloomfield, N.M. 87413
Phone: (505) 634-4956
Fax: (505) 632-4781

March 27, 2002

Mr. Jack Ford
State of New Mexico
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Re: **San Luis Pump Station (GW-333) Discharge Plan Modification**

Dear Mr. Ford:

Please be advised that two storage tanks have not been described previously in the site's Discharge Plans. A 500-gallon methanol storage tank is located within a concrete containment. The containment is at least 133% of the tank capacity.

A 600-gallon product line emergency storage tank is located southwest of the product line pump unit (Unit #1). In event of a pump-packing failure in Unit #1, the discharged product is directed to the tank. The product varies but is similar to diesel. Recovered product is recycled or disposed consistent with applicable regulations. The dual-walled tank is buried below grade and has leak detection.

The tank locations are highlighted on attached facility plot plan. Please make note of this change in the facility's Discharge Plan.

If you have any questions or require additional information, I can be reached at (505) 634-4956.

Sincerely,

Ethel Holiday
Environmental Compliance Specialist

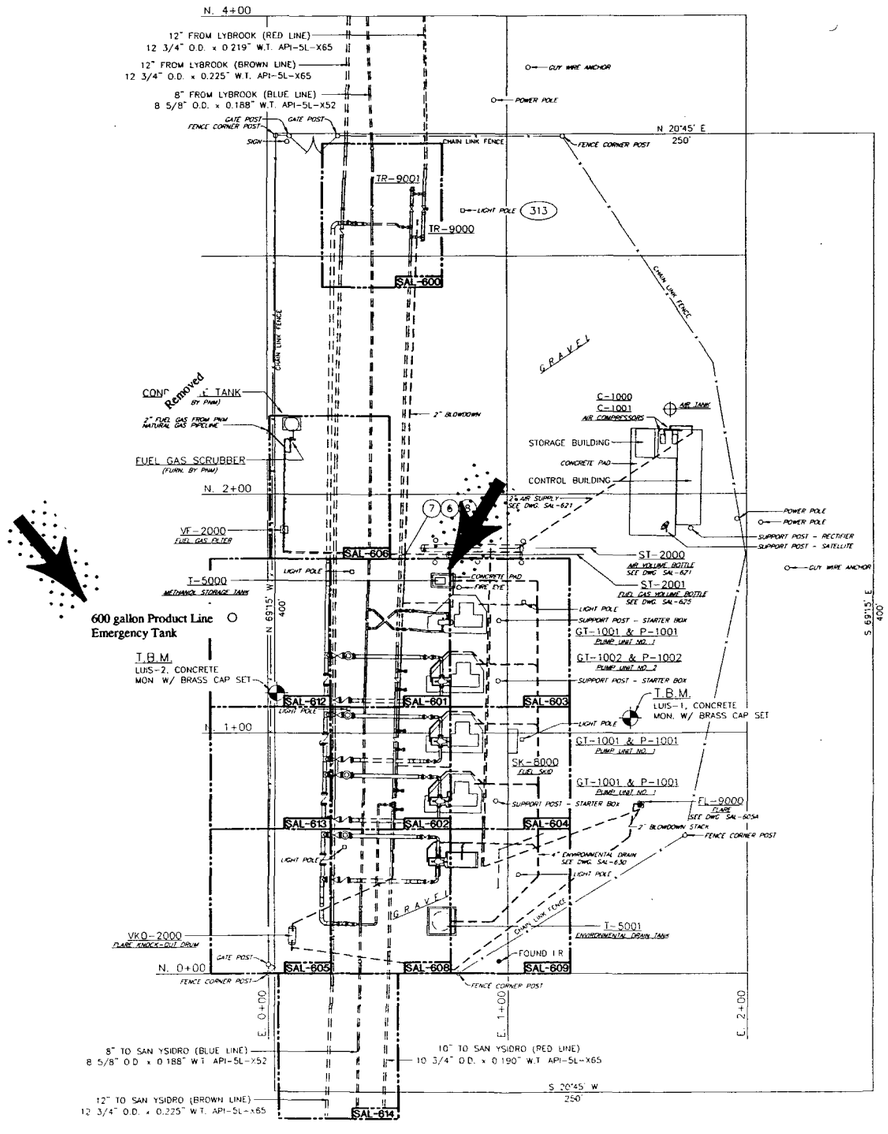
Attachments: San Luis Station Plot Plan

Xc: Denny Foust, Aztec OCD

SAL-101

SAN LUIS PUMP STATION

PART OF THE NW 1/4 OF SECTION 13, T17N – R3W
SANDOVAL COUNTY, NEW MEXICO
2.296 Ac. SITE



BILL OF MATERIAL

ITEM NO.	QUANT.	DESCRIPTION	SALV.	NEW
1	1	GATE, 20' DOUBLE SWING, CYCLONE "INVINCIBLE" OR EQUAL		
2	1	GATE, 3' x 7' TALL, SINGLE SWING, CYCLONE "INVINCIBLE" OR EQUAL		
3	901	L.F. FENCE, 6' x 11 GA. x 2" CHAIN LINK MESH W/ TOP BRACKET (45° OUT) & 3 STRANDS OF BARBED WIRE, COMPLETE W/ TOP RAIL, CORNER, LINE & GATE POSTS, ALL BRACES & ERECTION HARDWARE, ALL MATERIAL GALVANIZED		
4	2	ELL, WELD, 2"–90° L.R., STD. WT.		
5				
6	1	SOCKOLET, 2 x 1", 3000#, C.S.		
7	1	ELBOW, SOCKETWELD, 1"–90°, 3000#, F.S.		
8	8'	PIPE, 1" NOM. x .179" W.T., API-5L-GR.B		
9	115	PIPE, 10 3/4" O.D. x .365" W.T., API-5L-GR.B		
10	55'	PIPE, 12 3/4" O.D. x .375" W.T., API-5L-X52		
11	256'	PIPE, 2 3/8" O.D. x .154" W.T., API-5L-GR.B		
12	55'	PIPE, 8 5/8" O.D. x .322" W.T., API-5L-GR.B		
(313) 13	1	FLOODLIGHT POLE FOUNDATION		
14				
15				
16	–	PAINT, SIGMA TOPCOAT COLOR: SAND BEIGE; SIGMA PAINT #: 9906-0941 (TYPICAL THROUGHOUT STATION)		

REV NO	DATE	REVISIONS	PROJECT ENGINEER	CHECKED
5	5/1/99	REVISED AS BUILT PER AFE 111C-01506	JW	MW
4	12/28/98	REVISED AS BUILT PER BLUELINE CONV. AFE: PPL-6000B	JW	MW
3	08/12/98	REVISED PER AFE: 144-01506	GOJ	RS / PLW
2	7-29-97	REVISED AS BUILT PER AFE PPL-7TS02		MS
1	7/2/96	DRAWN PER AS-BUILT		MR / PLW

MID-AMERICA PIPELINE COMPANY
TULSA, OKLAHOMA

PIPING PLOT PLAN

SAN LUIS STATION
SANDOVAL CO NEW MEXICO

DRAWN	DATE	CHECKED	APPROVED	SCALE	DRAWING NO
RLW	10/28/96	MR		1"=30'-0"	SAL-101

Four Corners Area
Environmental Department
#188 CR 4900
Bloomfield, N.M. 87413
Phone: (505) 634-4956
Fax: (505) 632-4781

RECEIVED

FEB 20 2002

Environmental Bureau
Oil Conservation Division

February 18, 2002

Mr. Jack Ford
State of New Mexico
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Re: Drain Line Testing Results at Various Williams Field Services Facilities

Dear Mr. Ford:

WFS conducted a facility review and drain line testing in accordance to the Oil Conservation Division (OCD) Discharge Plan requirements. Subsurface, non-pressurized process and wastewater lines were tested. The facility drain line testing reports enclosed with this letter. A review and testing summary is provided in the table below.

Facility	Permit #	Completion Date	Results	Comments
Huerfano NGL Pump Station	GW-335	10/9/2001	Passed	
Lybrook NGL Pump Station	GW-337	10/1/2001	Passed	
San Luis NGL Pump Station	GW-333	10/13/2001	Passed	
San Ysidro NGL Pump Station	GW-332	10/14/2001	Passed	
Edgewood NGL Pump Station	GW-340	10/16/2001	Passed	
Estancia NGL Pump Station	GW-339	10/20/2001	Passed	
Duran NGL Pump Station	GW-336	10/21/2001	Passed	
Mesa NGL Pump Station	GW-338	10/29/2001	Passed	
White Lakes NGL Pump Station	GW-341	12/5/2001	Passed	
Caprock NGL Pump Station	GW-342	12/6/2001	Passed	

If you have any questions or require additional information, I can be reached at (505) 634-4956.

Sincerely,

Ethel Holiday
Environmental Compliance Specialist

Attachments: Drain Line Testing Reports

Xc: Denny Foust, Aztec OCD

December 21, 2001
AMEC Project No. 1-517-000089

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

RE: Drain Line Testing
Williams Field Services San Luis NGL Pump Station
Sandoval County, New Mexico

Dear Mr. Bareta,

AMEC Earth & Environmental, Inc. (AMEC) is pleased to provide Williams Field Services (WFS) with results of hydrostatic testing for the subsurface, non-pressurized, process and wastewater drain system at the WFS San Luis NGL Pump Station located in rural Sandoval County, New Mexico. Only subsurface, non-pressurized process and wastewater lines were tested according to the facilities' Oil Conservation Division (OCD) Ground Water Discharge Plan requirements.

AMEC mobilized to the site and began drain line testing activities on November 1, 2001. The work was completed on November 13, 2001. AMEC's on-site crew consisted of Bruce Hare (Site Supervisor) and a 3-man field crew.

The underground pipelines carrying process or wastewater were isolated. Each isolated system was filled with clean water and air was removed. A water-filled riser of sufficient height was used to provide a minimum of 3 pounds per square inch above normal operating pressure (all risers were at least 8-feet in height). A system was considered passing or non-leaking when the height of the water column held steady for a period of 60 minutes. Any leaks encountered were repaired and the system was re-tested until the passing criteria described above was met.

Details of each drain line tested are summarized in the attached Pressure Test Reports.

In keeping with WFS's policy, along with AMEC's own internal Health and Safety policies, AMEC's on-site employees attended daily safety meetings.

AMEC Earth & Environmental, Inc.
2060 Afton Place
Farmington, New Mexico, USA
Tel 1+505-327-7928
Fax 1+505-326-5721
www.amec.com

Williams Field Services
Drain Line Testing-San Luis NGL Pump Station
Phase 6, Task 24
December 21, 2001

AMEC appreciates the opportunity to perform these services at the San Luis NGL Pump Station for WFS. Should you have any questions, please feel free to contact our office at 327-7928.

Respectfully submitted,

AMEC Earth & Environmental, Inc.

Robert Thompson
Project Manager

Attachments: Daily Summary of Line Testing

Copies: Addressee (3)

Hydrostatic Line Testing Form

amec

AMEC Project Number: 15170000 89 **Client:** Williams Field Services

Task: 2H **Facility Name:** San Luis Station

Test Description: Hydrostat with water

System Description: 3" & 4" PVC To waste water Tank

Test Medium: Water **Test Pressure:** 3 PSI **Test Date:** 11-12-01

Test Requirements: Hydrostatic pressure test on all underground process/wastewater pipelines in accordance with the State of New Mexico, Energy, Minerals, and Natural Resources Department - Oil Conservation Division Best Management Practices minimum requirements. Perform a hydrostatic pressure test on underground process/waste-water pipelines at 3 pounds per square inch for a period of one hour.

Test Data:

Start	Stop	Pressure	Pass/Fail	Lines Tested
11:45 A	12:50P	98" wc	Pass	Lines from oil Berm #1 Turbin To waste water Berm #2 3 Turbins.
1:10P	2:10P	100" wc	Pass	Lines from 4, 5 To main Line. Main line To waste water Storage Tank.

Review and Approvals:

Bruce Hare	Bruce Hare	11-12-01
AMEC Representative Signature	**Printed Name**	**Date**
Michael R. Johnson	Michael R. Johnson	11-12-01
Client Representative Signature	**Printed Name**	**Date**

OBSERVER
Serving the west side since 1973
(505) 892-8080 • Fax (505) 892-5719
Rio Rancho, NM 87124
P.O. Box 15878, NM 87174

SD _____

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO)
)
COUNTY OF SANDOVAL)

MICHAEL J. RYAN, being duly sworn, upon oath stated

That affiant is the Publisher of THE OBSERVER, a semi-weekly newspaper published in the County of Sandoval and having a general circulation in the City of Rio Rancho and the County of Sandoval and duly qualified for the publication of legal advertisments within the meaning of the Publication of Notice Act, being Sections 14-11-1 seq., NMSA 1978, as amended; that the publication, a copy of which is attached, was published in said newspaper in the regular edition and entire issue of every number of the paper during the period and time of publication, and that said Notice was published in the Newspaper proper, and not in a supplement,

for 1 consecutive weeks, the first publication being on the 11

day of April 2001 and the subsequent publication(s)
on 2001 and that the payment therefore
has been
made or assessed as court costs in the case and cause number shown in the attached publication.

Michael J. Ryan
Affiant

Subscribed and sworn to before me this 11 day of
April, 2001.

Notary Seal expires 6-8-2002

Susan Ann Saunier
Notary Public

OFFICIAL SEAL
SAUNIER
BLIC
MEXICO
Seal
My commission expires 6-8-2002

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

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

(GW-332) - Williams Field Service, Mark J. Barets, Senior Environmental Specialist, 188 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge plan application for their San Ysidro Pump Station located in the SE/4 NW/4, Section 193, Township 15 North, Range 2 East, NMPM, Sandoval County, New Mexico. All effluents generated on site are collected in containment vessels prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 30 to 50 feet with a total dissolved solids concentrations ranging from 200 to 2000 mg/l. The discharge plan addresses how spill, leaks, and other accidental discharges to the surface will be managed.

(GW-333) - Williams Field Service, Mark J. Barets, Senior Environmental Specialist, 188 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge plan renewal application for their San Luis Pump Station located in the SE/4 NW/4, Section 13, Township 17 North, Range 3 West, NMPM, Sandoval County, New Mexico. All effluents generated on site are collected in containment vessels prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 50 to 100 feet with a total dissolved solids concentrations ranging from 200 to 1000 mg/l. The discharge plan addresses how spill, leaks, and other accidental discharges to the surface will be managed.

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

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

NOTICE OF PUBLICATION

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

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GIVEN under the Seal of New Mexico Conservation Commission at Santa Fe, New Mexico, on this 23rd day of March, 2001.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

LORI WROTENBERY, Director

Legal #69101
Pub. April 5, 2001

NOTICE OF PUBLICATION

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

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Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday thru Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Request for public hearing shall set forth the reasons why a hearing shall be held.
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GIVEN under the Seal of New Mexico Conservation Commission at Santa Fe, New Mexico, on this 23rd day of March, 2001.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

SEAL

for LORI WROTENBERY, Director

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

February 16, 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 Pump Stations

Dear Mr. Ford:

Enclosed please find copies of Discharge Plan application and check number 1000235782 for $500.00 to cover the filling fee for the following Williams Field Services (WFS) Compressor Stations:

- San Ysidro Pump Station
- Caprock Pump Station
- Huefano Pump Station
- Mesa Pump Station
- San Luis Pump Station
- Duran Pump Station
- Estancia Pump Station
- Lybrook Pump Station
- Edgewood Pump Station
- White Lakes Pump Station
- Kutz Pump Station

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

Thank you,

Clara M Garcia
Environmental Compliance

Xc: Denny Foust, Aztec, OCD Dist III
Chris Williams, Hobbs, OCD Dist I
Tim Gum, Artesia, OCD Dist II

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Revised March 17, 1999

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

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

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

GW-333

☐ New ☑ Renewal ☐ Modification

1. Type: Crude Pump Station (San Luis Pump Station)
2. Operator: Williams Field Services Company

   Address: 188 CR 4900, Bloomfield, NM 87413

   Contact Person: Mark J. Bareta Phone: (505) 632-4634

3. Location: SE /4 NW /4 Section 13 Township 17 N Range 3 W
   Submit large scale topographic map showing exact location.
4. Attach the name, telephone number and address of the landowner of the facility site.
5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.
6. Attach a description of all materials stored or used at the facility.
7. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included.
8. Attach a description of current liquid and solid waste collection/treatment/disposal procedures.
9. Attach a description of proposed modifications to existing collection/treatment/disposal systems.
10. Attach a routine inspection and maintenance plan to ensure permit compliance.
11. Attach a contingency plan for reporting and clean-up of spills or releases.
12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included.
13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.
14. CERTIFICATION

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

Name: Mark J. Bareta Title: Senior Environmental Specialist

Signature: Mark J. Bareta Date: 2/15/2001

DISCHARGE PLAN

WILLIAMS ENERGY SERVICES
NATURAL GAS LIQUIDS PIPELINE SYSTEM
SAN LUIS PUMP STATION

Williams Energy Services

February 2001

Table of Contents

List of Tables

List of Figures - All figures follow Section XI

List of Appendices

I. TYPE OF OPERATION

The San Luis Pump Station was built in 1980 to pump natural gas liquids along the Williams Natural Gas Liquids (NGL) Pipeline (formerly MAPCO).

II. LEGALLY RESPONSIBLE PARTY

Williams Energy Services (formerly MAPCO)
188 CR 4900
Bloomfield, NM 87413
(505) 632-4634

Contact Person:
Mark J. Bareta, Senior Environmental Specialist
Phone and Address, Same as Above

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 Min. Quadrangle: San Luis, New Mexico) as Figure 1. The facility layout is illustrated in Figure 2. All figures are attached following Section XI of the text.

IV. LANDOWNER

Williams Energy Services (WES) is leasing the subject property from:

Bureau of Land Management
1235 N. La Plata Highway
Farmington, NM 87401
(505) 599-8900

Fee schedule based on crude pump station

V. FACILITY DESCRIPTION

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

TABLE 1
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/year/engine.	Used motor oil w/no additives
Used Oil Filters	Engine	50-100 filters/year/engine	No additives
Wash-down Water	Engine Skid and Barrel 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
Natural Gas Liquids	Pigging Operations	100-600 gal/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.

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 waste are hazardous as defined in 40 CFR Part 261. All wastes at the facility will be periodically surveyed for naturally occurring radioactive material (NORM) to determine if the concentrations of radium 226 exceed 30 picocuries per gram or if radiation exposure exceeds 50 microroentgens per hour. If affirmed, such materials will be handled and disposed in accordance with NMOCD NORM Regulations.

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.

TABLE 2
TRANSFER, STORAGE, AND DISPOSAL OF PROCESS FLUIDS, EFFLUENTS, AND WASTE SOLIDS
SAN LUIS PUMP STATION

PROCESS FLUID/WASTE	STORAGE	CONTAINER CAPACITY (approximate)	CONTAINMENT/ SPILL PREVENTION	RCRA STATUS	DESCRIPTION OF FINAL DISPOSITION
Used Oil Filters	Drum or other container	Varies	Transported to a WES or contractor facility in drum or other container	Non-exempt	Transported to a WES or contractor consolidation point, drained, and ultimately transported for disposal at an approved disposal facility. A Waste Acceptance Profile will be filed with the facility. Recycling options may be considered when available.
Wash-down Water	Below-ground Tank, vaulted	1550 gallons	Tank set in concrete containment	Non-exempt	Wash-down water will be transported to NMOCD-approved facility; or evaporation at WES facility may be considered in future.
Used Process Filters	Drum or other container	Varies	Transported to a WES or contractor facility in drum or other container	Non-exempt	Transported to a WES or contractor consolidation point, drained, and ultimately transported for disposal at an approved disposal facility. A Waste Acceptance Profile will be filed with the facility. Recycling options may be considered when available.
Natural Gas Liquid	Underground Storage Tank	600 gallons	Dual-walled	Non -exempt	Saleable liquids may be sold to refinery or liquid may be disposed at NMOCD- approved facility.
Empty Drums / Containers	N/A	N/A	Berm	Non -exempt	Barrels are returned to supplier or transported to a WES or contractor consolidation point and ultimately recycled/disposed.
Spill Residue (i.e., soil, gravel)	N/A	N/A	In situ treatment, land-farm, or alternate method	Non-exempt	Per Section VI, Remediation, in 8/13/93 NMOCD Guidelines for Remediation of Leaks, Spills, and Releases.
Used Absorbents	Drum or other container	Varies	Transported to a WES or contractor facility in drum or other container	Non-exempt	Transported to a WES or contractor consolidation point, drained, and ultimately transported for disposal at an approved disposal facility. A Waste Acceptance Profile will be filed with the facility. Recycling options may be considered when available.
Methanol	Above ground storage tank	300 gallons	Concrete containment	N/A	Off-spec material recycled or disposed consistent with applicable regulations.
Lube Oil	Above ground storage tank	500 gallons	Concrete containment	N/A	Off-spec material recycled or disposed consistent with applicable regulations.

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 concentrates 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 thus 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 (BMPs) 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 on-going basis in appropriate containers and locations for collection and removal 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 BMPs will prevent or mitigate impact to storm water runoff from this facility.

IX. INSPECTION, MAINTENANCE AND REPORTING

WES and/or contract personnel will operate and maintain the pumping units at the facility. The facility will be monitored remotely for equipment malfunctions through NGL Pipeline Control 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 NGL Pipeline Control who immediately notifies the WES Environmental Affairs Department. WES Environmental Affairs then reports the release to the appropriate agencies. Records of spills, leaks, or other pollutant discharges, if any, and inspections and maintenance activities will be maintained by WES for at least one year at area offices.

X. SPILL/LEAK PREVENTION AND REPORTING (CONTINGENCY PLANS)

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

WES corporate policy and 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[1,2,3] for this area revealed that there are no water wells within a 1/4-mile radius of the San Luis Pump Station. The Menefee Formation is the water-bearing unit underlying the site. This formation consists of a sequence of interbedded claystone, carbonaceous siltstone and shale, coal, and sandstone. This formation consists of a sequence of interbedded sandstone and mudstone. Ground water 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.

The 100-year 24-hour precipitation event at a regional weather station is 3.1 inches. This small amount of rainfall for the area should pose 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.

References

[1]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.

[2]Online Climate Information, Western Regional Climate Center, 2000

[3]Online Well Reports and Downloads, New Mexico Office of the State Engineer, 2000.

XII. FACILITY CLOSURE PLAN

All reasonable and necessary measures will be taken to prevent the exceedence of WCQQ Section 3103 water quality standards should WES choose to permanently close the facility. WES 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 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.

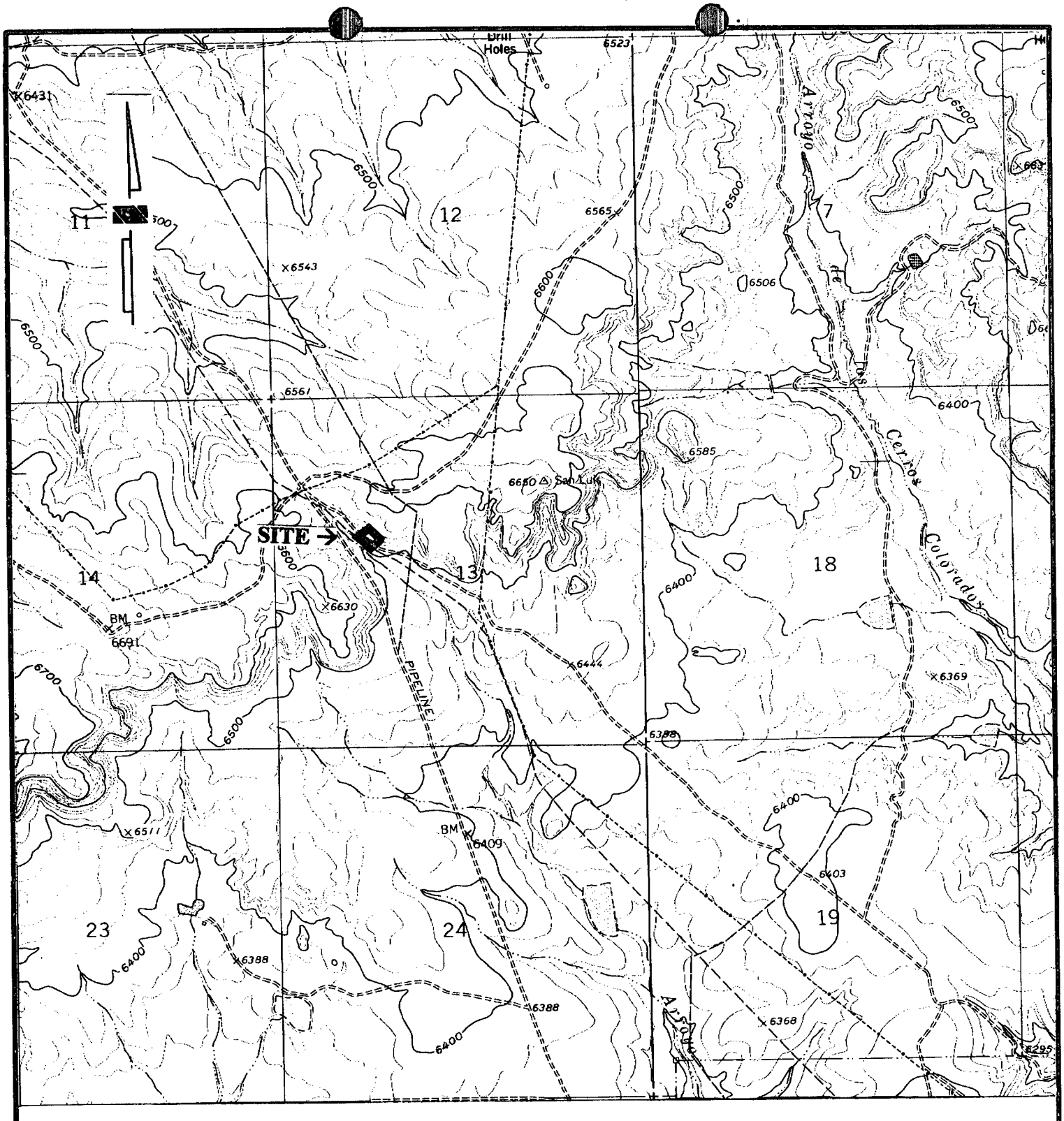
Should contaminated soil be discovered, any necessary reporting under NMOCD Rule 116 and WQCC Section 1203 will be made and clean-up activities will commence. Post-closure maintenance and monitoring plans would not be necessary unless contamination is encountered.

FIGURE 1

SITE VICINITY / TOPOGRAPHIC MAP

FIGURE 2

SITE PLOT PLAN



Source:USGS San Luis Quadrangle, New Mexico

Scale: 1" = 2,000'

Williams

Figure 1 Site Vicinity / Topographic Map

San Luis Pump Station

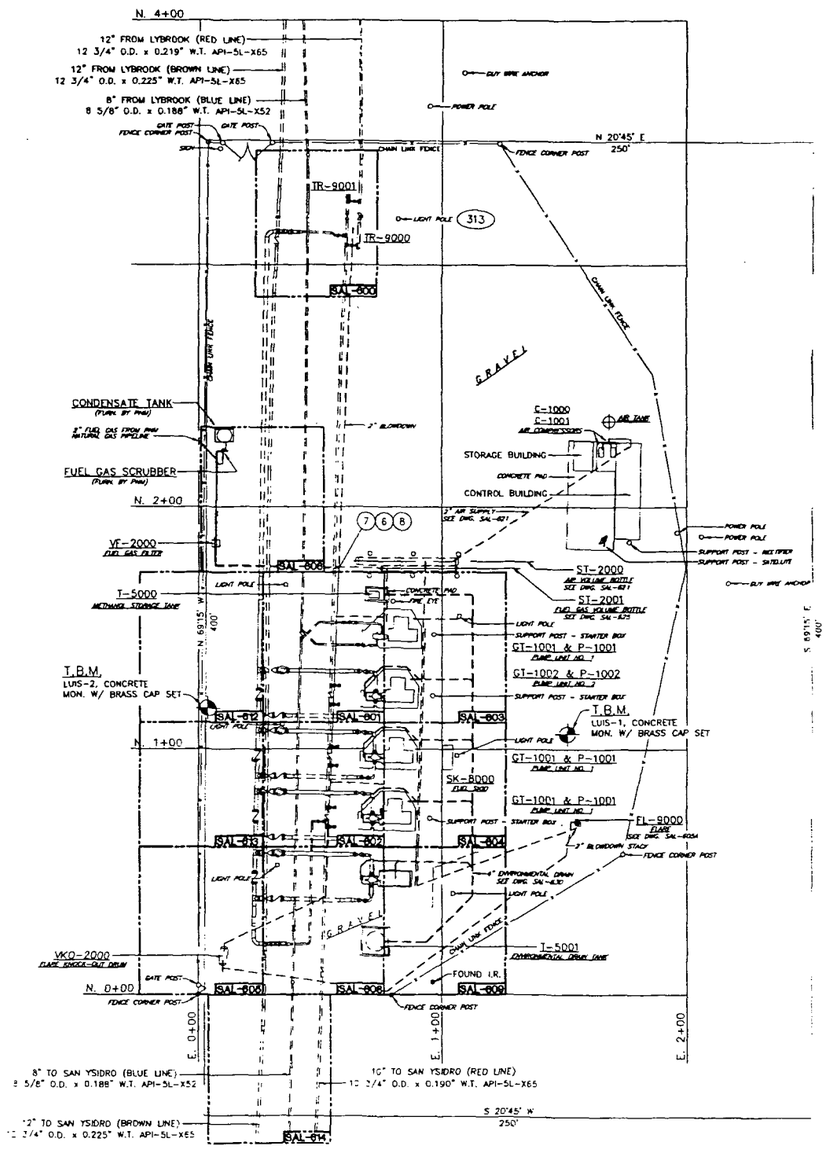
Section 13, Township 17N Range 3W

Sandoval County, New Mexico

SAL-101

SAN LUIS PUMP STATION

PART OF THE NW 1/4 OF SECTION 13, T17N - R3W
SANDOVAL COUNTY, NEW MEXICO
2.296 Ac. SITE



BILL OF MATERIAL

ITEM NO.	QUANT.	DESCRIPTION	SALV.	NEW
1	1	GATE, 20' DOUBLE SWING, CYCLONE "INVINCIBLE" OR EQUAL		
2	1	GATE, 3' x 7' TALL SINGLE SWING, CYCLONE "INVINCIBLE" OR EQUAL		
3	901	L.F. FENCE, 6' x 11 GA. x 2" CHAIN LINK MESH W/ TOP BRACKET (45° OUT) & 3 STRANDS OF BARBED WIRE, COMPLETE W/ TOP RAIL, CORNER, LINE & GATE POSTS, ALL BRACES & ERECTION HARDWARE. ALL MATERIAL GALVANIZED		
4	2	ELL, WELD, 2"-90° L.R., STD. WT.		
5				
6	1	SOCKOLET, 2 x 1", 3000#, C.S.		
7	1	ELBOW, SOCKETWELD, 1"-90°, 3000#, F.S.		
8	8'	PIPE, 1" NOM. x .179" W.T., API-5L-GR.B		
9	115	PIPE, 10 3/4" O.D. x .365" W.T., API-5L-GR.B		
10	55'	PIPE, 12 3/4" O.D. x .375" W.T., API-5L-X52		
11	256'	PIPE, 2 3/8" O.D. x .154" W.T., API-5L-GR.B		
12	55'	PIPE, 8 5/8" O.D. x .322" W.T., API-5L-GR.B		
(313)	13	1 FLOODLIGHT POLE FOUNDATION		

REV. NO.	DATE	REVISIONS	PROJECT ENGINEER	CHKD.
5	1/5/99	REVISED AS BUILT PER AFE: 111C-01506	LA MW	
4	12/28/98	REVISED AS BUILT PER BLUELINE CONV. AFE: PPL-60008	LA MW	
3	08/12/98	REVISED PER AFE: 144-01506	GC	FS RLW
2	7-29-97	REVISED AS BUILT PER AFE PPL-7TS02		MS
1	7/2/96	DRAWN PER AS-BUILT		MR RLW

MID-AMERICA PIPELINE COMPANY
TULSA, OKLAHOMA

PIPING PLOT PLAN

SAN LUIS STATION
SANDOVAL CO. NEW MEXICO

DRAWN	DATE	CHECKED	APPROVED	SCALE	DRAWING NO.
RLW	10/28/96	MR		1"=30'-0"	SAL-101

APPENDIX A

SPILL CONTROL PROCEDURES

Williams	**Reference (Book Title)** Operations/Maintenance Field Services	**Task/Document No.** 21.10.020
	Section General/Safety	**Regulation No./Reference**
	Subject Discharges or Spills of Oil or Hazardous Substances; Preventing, Controlling and Reporting of	**Effective Date** 12/15/99

▸ **Document History (ISO9001)**

▾ **Document Body**

1.0 PURPOSE AND SCOPE

1.1 To establish the policy and procedure for preventing, controlling and reporting of discharges or spills of oil or hazardous substances to the environment in accordance with Company practices and federal, state and local requirements, including Title 40 of the Code of Federal Regulations - Part 112 (Oil Pollution Prevention).

1.2 This document pertains to Company personnel, Company and non-company facilities. The spill prevention and control requirements in this Policy and Procedure are Federally mandated guidelines for oil pollution prevention. The Company policy is to also apply these standards, where appropriate, to facilities containing hazardous substances. This is a discretionary application of the standards; however, variations from the standards should be approved by the responsible Director.

2.0 CONTENTS

3.0 POLICY

3.1 GENERAL

3.1.1 All Company facilities which could discharge or spill, oil or hazardous substances which may affect natural resources or present an imminent and substantial danger to the public health or welfare including, but not limited to, fish, shellfish, wildlife, shorelines and beaches are subject to the provisions of this document.

3.1.2 Oil, for purpose of this document, means oil of any kind or in any form, including but not limited to petroleum hydrocarbon, fuel oil, Y grade, natural gas liquids, condensate, mixed products, sludge, oil refuse and oil mixed with wastes other than dredged spoil (earth and rock). LPG (propane, butane, ethane) is not considered to be oil.

3.1.3 Hazardous Substance, for purposes of this procedure, is defined as any chemical or

material that has or should have a Material Safety Data Sheet (MSDS); however, hazardous substances are further defined by the following environmental statutes:

a. Section 101(N) and Section 102 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)

b. Section 307(a) and Section 311(b)(2)(A) of the Clean Water Act

c. Section 3001 of the Solid Waste Act (excluding items suspended by Congress)

d. Section 112 of the Clean Air Act

e. Section 7 of the Toxic Substance Control Act

3.1.4 The term hazardous substance does not include petroleum hydrocarbon, including crude oil or any fraction thereof and the term does not include natural gas, natural gas liquids (including condensate), liquefied natural gas or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).

3.1.5 Facilities which could discharge or spill, oil or hazardous substances into a watercourse must comply with the applicable federal, state or local laws and regulations. A discharge includes but is not limited to any spilling, leaking, pumping, pouring, emitting, emptying or dumping. A watercourse is any perennial or intermittent river, stream, gully, wash, lake or standing body of water capable of collecting or transporting an oil or hazardous substance.

3.1.6 Facilities which are subject to the requirements stated in this policy are as follows:

a. Non-Transportation Related Facilities

(1) Storage or drip tanks and other aboveground containers (excluding pressurized or inline process vessels) having a capacity in excess of 660 gallons for each single container or an aggregate capacity of 1,321 gallons or more for multiple containers.

(2) Underground storage facilities having a total capacity in excess of 42,000 gallons.

b. Transportation Related Facilities

(1) All vehicles, pipeline facilities, loading/unloading facilities and other mobile facilities which transport oil or hazardous substances.

3.1.7 Each Company location which has facilities subject to paragraph C.1.1 shall have a site specific Spill Prevention Control and Countermeasure Plan (SPCC Plan) which identifies all facilities subject to 40 CFR 112. The plan shall identify all oil and hazardous substance storage vessels (as defined in a.(1) above) at the facility and the spill prevention measures in place to control discharges or spills. This plan shall also identify all regulatory agencies that must be notified in case of a spill.

3.1.8 The facility superintendent is responsible for spill prevention. His/her duties include,

but are not limited to, the following:

a. Instructing personnel in the operation and maintenance of equipment to prevent the discharge of oil.

b. Conduct annual briefings for operating personnel at intervals frequent enough to assure adequate understanding of the Spill Plan at that facility.

c. Briefings should highlight and describe known discharges or spills and recently developed precautionary measures.

3.1.9 Each individual facility is checked annually by the superintendent or designee to determine the potential for discharges or spills of oil or hazardous substances in harmful quantities that violate water quality standards or which may cause a film, sheen or discoloration on the surface of water. All facilities which have the potential for discharging or spilling harmful quantities of oil or hazardous substances into a watercourse are required to have the following preventive measures:

a. Examination of all tanks, valves and fittings, at least annually, to determine any maintenance requirements.

b. All tank batteries should, as far as practicable, have a secondary means of containment for the entire contents of the largest single tank plus sufficient freeboard in the containment facility to allow for precipitation.

c. An annual monitoring and inspection program to prevent accidental spills or discharges into watercourses. This includes annual inspection for faulty systems and monitoring line valves and liquid pipelines for leaks or blowouts.

3.1.10 Any field drainage ditches, road ditches, traps, sumps or skimmers should be inspected at regular scheduled intervals for accumulation of oil or other hazardous substances which may have escaped from small leaks. Any such accumulations should be removed.

3.2 BULK STORAGE TANKS

3.2.1 A tank should not be used for storage of oil or hazardous substances unless the material and construction of the tank is compatible with the oil or substance stored and conditions of storage such as pressure and temperature. Buried storage tanks must be protected from corrosion by coatings, cathodic protection or other methods compatible with local soil conditions. Aboveground tanks should be subject to visual inspection for system integrity.

3.2.2 The facility superintendent should evaluate tank level monitoring requirements to prevent tank overflow.

3.2.3 Leaks which result in loss of oil or hazardous substances from tank seams, gaskets, rivets and bolts sufficiently large to cause accumulation of oil or hazardous substances in diked areas should be promptly corrected.

3.2.4 Mobile or portable oil or hazardous substances storage tanks should be positioned or located to prevent the contents from reaching a watercourse. The mobile facilities should be located so their support structure will not be undermined by periodic flooding or washout.

3.3 FACILITY DRAINAGE

3.3.1 Make provisions for drainage from diked storage areas where necessary in areas with high precipitation levels. Drainage from diked areas should be restrained by valves or other means to prevent a discharge or spill. Diked areas should be emptied by pumps or ejectors which are manually activated. Valves used for the drainage of diked areas should be of manual, open-and-closed design.

3.3.2 Rain water may be drained from diked areas providing drainage water does not contain oil or hazardous substances that may cause a harmful discharge. Drain valves must be closed following drainage of diked areas.

3.3.3 When possible, drainage systems from undiked areas should flow into ponds, lagoons or catchment basins designed to retain oil or hazardous substances or return the substances to the facility. Any drainage system which is not designed to allow flow into ponds, lagoons or catchment basins should be equipped with a diversion system that could, in the event of a discharge or spill, contain the oil or hazardous substances on the Site.

3.3.4 The principal means of containing discharges or spills is the use of dikes which are constructed wherever regulated quantities of oil or hazardous substances have the potential of reaching a watercourse. The construction of dikes must meet the following requirements:

a. Capacity must be at least equivalent to the storage capacity of the largest tank of the battery plus sufficient freeboard to allow for precipitation or displacement by foreign materials.

b. Small dikes for temporary containment are constructed at valves where potential leaking of oil or hazardous substances may occur.

c. Any dike three feet or higher should have a minimum cross section of two feet at the top.

3.3.5 Other means of containment or spill control include, but are not limited to:

a. Berms or retaining walls

b. Curbing

c. Culverting, gutters or other drainage systems

d. Weirs, booms or other barriers

e. Spill diversion ponds or retention ponds

f. Sorbent materials

3.4 TRANSFER OPERATIONS, PUMPING and IN-PLANT/STATION PROCESS

3.4.1 Aboveground valves and pipelines should be examined regularly by operating

personnel to determine whether there are any leaks from flange joints, expansion joints, valve glands and bodies, catch pans, pipeline supports, valve locks and metal surfaces.

3.5 FACILITY TANK CAR AND TANK TRUCK LOADING/UNLOADING RACK

3.5.1 Rack area drainage which does not flow into a catchment basin or treatment facility designed to handle spills should have a quick drainage system for use in tank truck loading and unloading areas. The containment system should have a maximum capacity of any single compartment of a truck loaded or unloaded in the station.

3.5.2 Aboveground piping that has potential for damage by vehicles entering the Site should be protected by logically placed warning signs or by concrete-filled pipe barriers.

3.5.3 Loading and unloading areas should be provided with an interlocked warning light, grounding shutdown, physical barrier system or warning signs to prevent vehicular departure before complete disconnect of flexible or fixed transfer lines. All drains and outlets of any truck should be closely examined for leakage prior to filling and departure. All drains and outlets that may allow leakage should be tightened, adjusted or replaced to prevent liquid leakage while in transit.

NOTE: LPG loading facilities and remote field loading of condensate are exempt from the C.5 requirements of this document.

4.0 PROCEDURE

4.1 Identifying, Containing and Initial Reporting of a Discharge or Spill of Oil or Hazardous Substance
Any Employee

4.1.1 Upon noticing a discharge or spill of an oil or hazardous substance in any quantity shall immediately contain the release (if safe to do so) and notify the facility superintendent, dispatcher or other designee. Releases must be reported to gas control in the following three circumstances:

I. The Following Situations Always Require IMMEDIATE Reporting to Gas Control:

1. Release reaches or may reach surface water: (pond, lake, wash or ground water

2. Release leaves Williams property

3. Release is of questionable nature (i.e., unknown product, unknown hazards)

II. Onsite Releases of Certain Common Industrial Materials Above 10 Gallon Threshold Are Reportable.
Releases that do not migrate off-site or reach surface water may require reporting as well. All releases of 10 gallons or greater of the following materials should be contained and promptly reported to Gas Control:

- Ammonia
- Antifreeze
- Amine

- Chromate Mixtures
- Condensate
- Glycol
- Lube Oil
- Methanol
- Sulfuric Acid
- Sodium Hydroxide
- Natural Gas Liquids
- Other Hydrocarbon Products
- Natural Gas (1 MMSCF)

III. Releases of Certain Other Materials Reportable:

Releases of the following materials above the indicated amount should be reported to gas control:

- PCB's (Concentration > 50 ppm) - any amount
- Mercaptan (Ethyl Mercaptan) - 1 lb.
- Mercury - 1 lb.
- Hydrogen Sulfide - 100 lbs.
- Pesticides - 1 lb.
- Other Material Not Listed - 1 lb.

NOTE 1: A release includes material released (intentionally or unintentionally) to air, water or soil. When notifying Gas Control of a Release, be prepared to provide information on the type of material spilled, amount released, weather conditions, time and date of release, person discovering release and measures taken to control the release.

NOTE 2: Refer to Attachment A for containment procedures.
Facility Superintendent, Controller or Designee

4.1.2 Contacts Gas Control immediately by telephone and provides the following information:

a. Name of company facility and/or location of facility and nature of discharge or spill

b. Description and quantity of emission or substance discharged

c. Description of the circumstances causing the discharge or spill

d. Name, title and telephone number of person initially reporting the discharge or spill and person reporting to Gas Control

e. Action taken or being taken to mitigate and correct discharge or spill

f. Water bodies or streams involved

g. Time and duration of discharge or spill

h. Outside involvement during discharge or spill (public government agencies, etc. See Emergency Operating Procedure Manuals)

Gas Control Personnel

4.1.3 Advises Environmental Affairs departments immediately by telephone concerning the incident including any incidents reported by persons not employed with the Company.

NOTE: If Gas Control is contacted by a person not employed with the Company, the necessary information is obtained as indicated in D.1.2 and the Superintendent and Environmental Affairs are immediately contacted to begin containment and clean-up of the discharge or spill.

4.1.4 If Environmental Affairs cannot be contacted, notifies Director over Environmental Affairs.

Facility Superintendent

4.1.5 Coordinates containment and clean-up of discharge or spill, keeping the responsible Director Informed.

4.1.6 Coordinates containment and clean-up of discharge or spill, keeping the responsible Director Informed. If the discharge or spill is too large for Company personnel to contain, contacts qualified local contractors for assistance. (See Emergency Operating Procedure Manuals tab #11, contractors with available equipment and services).

4.1.7 Advises Environmental Affairs by telephone if emergency containment or clean-up assistance from a state agency or a response team from the U.S. Coast Guard is required.

Environmental Affairs

4.1.8 Assesses reporting requirements to state and federal agencies (contacts Legal Department and Right-of-Way Department, if appropriate). (See Emergency Operating Procedure Manuals).

4.1.9 Makes appropriate contacts with National Response Center and state and local agencies, when necessary.

4.1.10 If spill is significant, dispatches Environmental Specialist to scene to oversee cleanup and reporting responsibilities.

4.2 SUBMITTING WRITTEN NOTIFICATION OF A DISCHARGE OR SPILL

Facility Superintendent or Designee

4.2.1 Completes a written description of the incident as soon as possible after initial notification is given, which should include the following:

a. Time and date of discharge or spill

b. Facility name and location

c. Type of material spilled

d. Quantity of material spilled

e. Area affected

f. Cause of spill

g. Special circumstances

h. Corrective measures taken

i. Description of repairs made

j. Preventative measures taken to prevent recurrence.

4.2.2 Forwards the completed written description to Environmental Affairs. Retains a copy for future reference.

NOTE: Environmental Affairs, in coordination with the Legal Department, if necessary, submits written reports to government agencies.

ATTACHMENT A
DISCHARGE OR SPILL CONTAINMENT PROCEDURES AND MATERIALS

TYPE OF FACILITY WHERE THE DISCHARGE OR SPILL OCCURS	CONTAINMENT PROCEDURES	MATERIALS USED FOR CONTAINMENT
A. Oil Pipeline (as defined in C.1.4)	1. Closes appropriate block valves. 2. Contains Discharge or spill by: Ditching covering, applying sorbents, constructing an earthen dam or burning. 3. If burning is required, obtains approval from the appropriate state air quality control government agencies before burning.	1.Straw 2.Loose Earth 3.Oil Sorbent 3M Brand 4.Plain Wood chips 5.Sorb-Oil Chips Banta Co. 6.Sorb-Oil Swabs Banta Co. 7.Sorb-Oil Mats Banta Co. 8.Or Equivalent Materials
B. Vehicle	1. Contains discharge or spill by: ditching, covering surface with dirt, constructing earthen dams, apply sorbents or burning. 2. Notifies immediately Environmental Affairs and if there is any imminent danger to local residents; notifies immediately the highway patrol or local police officials.	

	3. If burning is required, obtains approval from the appropriate state air quality control government agencies before burning. **Note**: Any vehicle carrying any hazardous or toxic substance will carry a shovel or other ditching device to contain a spill. If the vehicle has sufficient room, sorbent materials should also be carried.	
C. Bulk Storage Tanks or any other Facilities	1. Contains discharge or spill by: ditching, covering, applying sorbents, constructing an earthen dam or burning. 2. If burning is required, obtains approval from the appropriate state air quality control government agencies before burning.	

APPENDIX B

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

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-141
Revised March 17, 1999

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☐ Final Report

Name of Company	Contact
Address	Telephone No.
Facility Name	Facility Type

Surface Owner	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County

NATURE OF RELEASE

Type of Release	Volume of Release	Volume Recovered
Source of Release	Date and Hour of Occurrence	Date and Hour of Discovery
Was Immediate Notice Given? ☐ Yes ☐ No ☐ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☐ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Describe Area Affected and Cleanup Action Taken.*

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:	OIL CONSERVATION DIVISION	
Printed Name:	Approved by District Supervisor:	
Title:	Approval Date:	Expiration Date:
Date: Phone:	Conditions of Approval:	Attached ☐

* Attach Additional Sheets If Necessary

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

February 24, 2000

CERTIFIED MAIL
RETURN RECEIPT NO. Z-142-564-949

Ms. Ingrid Deklau
Williams Field Services, Inc.
P. O. Box 58900
Salt Lake City, Utah 84108

RE: Discharge Plan Requirement
Williams Field Services (formerly MAPCO) San Luis Pump Station
Sandoval County, New Mexico

Dear Ms. Deklau:

Under the provisions of the New Mexico Water Quality Control Commission (WQCC) Regulations, Williams Field Services, Inc. is hereby notified that the filing of a discharge plan is required for the Williams Field Services, Inc. (formerly MAPCO) San Luis Pump Station located in Section 13, Township 17 North, Range 3 West, NMPM, Sandoval County, New Mexico.

This facility was incorporated with a number of other pump stations under a discharge permit, GW-836, issued by the New Mexico Environment Department (NMED) to Mid-America Pipeline Company (MAPCO). Discharge plan GW-836 expired April 24, 1999. The NMED and the OCD made the determination that the Oil Conservation Division has jurisdiction over the environmental regulation of the MAPCO pipeline system and its ancillary facilities. With the notification by Williams Field Services, Inc. of the acquisition of assets by Williams, Inc. of the MAPCO liquid petroleum pipeline system an inspection of the facilities was performed by the OCD to determine if a single discharge plan would be adequate for this pipeline system and its pump station facilities. Subsequent to an inspection and evaluation of the facility it has been determined that a discharge plan will be required for the above captioned pump station.

This notification of discharge plan requirement is pursuant to Part 3104 and Part 3106 of the WQCC Regulations. The discharge plan, defined in Part 1101.N. of the WQCC Regulations, should cover all discharges of effluent or leachate at the facility or adjacent to the facility site. Included in the application should be plans for controlling spills and accidental discharges at the facility (including detection of leaks in below grade sumps, buried underground process tanks and/or piping), and closure plans for any pits or ponds whose use will be discontinued.

Enclosed is an application form for the above named facility. Two copies of your discharge plan application should be submitted to the OCD Santa Fe Office and one copy to the Aztec District Office for review purposes.
Section 3106 of the regulations requires a submittal of the discharge plan within 120 days of receipt of this notice unless an extension of this time period is sought and approved for good cause. Part 3106 also allows the discharge to continue without an approved discharge plan until 240 days after written notification by the Director of the OCD that a discharge plan is required. An extension of this time period may be sought and approved for good cause.

Pursuant to the New Mexico Water Quality Control Commission (WQCC) Regulation 3114 "every billable facility submitting a discharge plan for approval, modification or renewal shall pay the fees specified in this section to the Water Quality Management Fund". WQCC Rule 3114 became effective as of August 18, 1991, and is found on page 38 of the WQCC Rules and Regulations.

Every billable facility submitting a new discharge plan will be assessed a fee equal to the filing fee plus either a flat fee or discharge fee. The filing fee is fifty ($50) dollars and shall be submitted with the discharge plan application (nonrefundable). The remainder of the "total fee" for pump stations falls under the "flat fee" category. Please submit all checks to the OCD Santa Fe office and payable to the **NMED-Water Quality Management.**

If there are any questions on this matter, please feel free to contact Mr. W. Jack Ford at (505) 827-7156 as he is assigned responsibility for review of service facility discharge plans.

Sincerely,

Roger C. Anderson
Oil Conservation Division

cc: OCD Aztec District Office

Z 142 564 949 OCD

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
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FORD

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Street & Number	WFS
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Certified Fee	
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Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	FEB 24 2000 Mapco, San Luis

PS Form 3800, April 1995