GW - 109

GENERAL CORRESPONDENCE

YEAR(S):

1998 - 1991

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

March 13, 1998

CERTIFIED MAIL
RETURN RECEIPT NO. P-288-259-045

Mr. James R. Russell
Transwestern Pipeline Company
Summit Office Building
4001 Indian School Road, NE, Suite 250
Albuquerque, New Mexico 87110

RE: Removal of Remediated Soil from Land Farm
WT-1 Compressor Station
Eddy County, New Mexico

Dear Mr. Russell:

The New Mexico Oil Conservation Division (OCD) has received the Transwestern Pipeline Company (Transwestern) request dated February 26, 1998 for the removal and beneficial use of remediated soil from Transwestern's land farm operating under discharge plan GW-109. Based on the information provided, the OCD is requesting the following information before the review process can be completed:

1. Do the remediated soils meet the remediation criteria for the proposed locations of beneficial use?

2. Please provide the remediation levels and ranking scores for each proposed location.

If you have any questions, please call me at (505) 827-7155.

Sincerely,

Mark Ashley
Geologist

xc: OCD Artesia Office

P 288 259 045

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PS Form **3800**, April 1995

Enron Transportation & Storage
Services Provided by Northern Natural Gas Company and Transwestern Pipeline Company
Summit Office Building
4001 Indian School Road, NE, Suite 250
Albuquerque, NM 87110
(505) 260-4000
Fax (505) 254-1437

February 26, 1998

Mr. Roger Anderson
Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

Re: Removal of Remedied Soil from Land Farm:

Dear Mr. Anderson

Transwestern Pipeline Company, owner and operator of the WT-1 Compressor Station located near Carlsbad, New Mexico request approval from your agency to remove approximate sixty (60) cubic yards of bioremediated soil. This land farm is under an amendment to the Ground Water Plan GM 109. This soil is pipeline condensate contaminated dirt. Usage of soil allowed under OCD guide lines on Leaks, Spills, and Release with 5000 ppm when ground water is atleast 100 feet deep. Transwestern Pipeline would like to use this soil for the purpose supplementing the cover on the Crawford Lateral to eradicate the soil erosion. The legal location for the Crawford lateral is Section 1 Q.NE, T-21 S R-30 E through Section 6 Q. NW, T-21 S, R-31 E. Also supplement the cover on the West Texas Lateral. The legal description of the West Texas Lateral is Sec. 9 T-21S R-31E. We would also like to fill in our engine room cellar at our WT-1 Compressor Station GW-109. This cellar has a cement floor and after filling we would cap it with four (4) inches of cement. This will have no effect on ground water at this location. Two engines were removed and replaced with electric motors that do not require a cellar.
Soil analytical accompanies this request.

Should you need any additional information please give me a call at (505) 260-4011.

Sincerely,

James R. Russell

James R. Russell
Environmental Specialist

xc: Rich Jolly
Carlsbad Team
file

EPIC LABORATORIES, INC.

ANALYTICAL AND QUALITY CONTROL REPORT

Larry Campbell
TRANSWESTERN PIPELINE
6381 N. Main St.
Roswell, NM 88202

05/01/1997

EPIC Job Number: 97.01628

Page 1

Project Description:
Job Description: Landfarm - WT-1

Enclosed are the Analytical Results and Quality Control Data Reports for the following samples submitted to EPIC Laboratories, Inc. for analysis:

Sample Number	Sample Description	Date Taken	Time Taken	Date Received
331769	103 Landfarm #1	04/23/1997		04/25/1997
331770	104 Landfarm #2	04/23/1997		04/25/1997
331771	105 Landfarm #3	04/23/1997		04/25/1997
331772	106 Landfarm #4	04/23/1997		04/25/1997
331773	107 Landfarm #5	04/23/1997		04/25/1997

This Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

Debby Skogen
Project Coordinator

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.

ANALYTICAL RESULTS REPORT

Larry Campbell
TRANSWESTERN PIPELINE
6381 N. Main St.
Roswell, NM 88202

05/01/1997

EPIC Job Number: 97.01628
Sample Number: 331769

Project Description:
Job Description: Landfarm - WT-1

Sample Description: 103 Landfarm #1

Parameter	Flag	Result	Units	Analytical Method	Date Prepared	Date Analyzed	Analyst	Prep Batch Number	Run Batch Number	Reporting Limit
TPH-418.1 (Nonaqueous)		377	ug/g	E-418.1		05/01/1997	bas		1296	10
EPA 8020-NONAQ										
Benzene		<10	ug/kg	S-8020A		04/30/1997	zsc		962	10
Ethylbenzene		<10	ug/kg	S-8020A		04/30/1997	zsc		962	10
Toluene		<10	ug/kg	S-8020A		04/30/1997	zsc		962	10
Xylenes, Total		<10	ug/kg	S-8020A		04/30/1997	zsc		962	10
SURR: a,a,a-TFT		79	% Rec			04/30/1997	zsc		962	50-130

ANALYTICAL RESULTS REPORT

Larry Campbell
TRANSWESTERN PIPELINE
6381 N. Main St.
Roswell, NM 88202

05/01/1997

EPIC Job Number: 97.01628
Sample Number: 331771

Project Description:
Job Description: Landfarm - WT-1

Sample Description: 105 Landfarm #3

Parameter	Flag	Result	Units	Analytical Method	Date Prepared	Date Analyzed	Analyst	Prep Batch Number	Run Batch Number	Reporting Limit
TPH-418.1 (Monaquocus)		337	ug/g	E-418.1		05/01/1997	bsn		1296	10
EPA 8020-NONAQ										
Benzene		<10	ug/kg	S-8020A		04/30/1997	zst		962	10
Ethylbenzene		<10	ug/kg	S-8020A		04/30/1997	zst		962	10
Toluene		<10	ug/kg	S-8020A		04/30/1997	zst		962	10
Xylenes, Total		<10	ug/kg	S-8020A		04/30/1997	zst		962	10
SURR: a,a,a-TFT		89	% Rec			04/30/1997	zst		962	50-130

ANALYTICAL RESULTS REPORT

Larry Campbell
TRANSWESTERN PIPELINE
6381 N. Main St.
Roswell, NM 88202

05/01/1997

EPIC Job Number: 97.01628
Sample Number: 331770

Project Description:
Job Description: Landfarm - WT-1

Sample Description: 104 Landfarm #2

Parameter	Flag	Result	Units	Analytical Method	Date Prepared	Date Analyzed	Analyst	Prep Batch Number	Run Batch Number	Reporting Limit
TPH-418.1 (Nonaqueous)		269	ug/g	E-418.1		05/01/1997	bas		1296	10
EPA 8020-NONAQ										
Benzene		<10	ug/kg	S-8020A		04/30/1997	zst		962	10
Ethylbenzene		<10	ug/kg	S-8020A		04/30/1997	zst		962	10
Toluene		<10	ug/kg	S-8020A		04/30/1997	zst		962	10
Xylenes, Total		<10	ug/kg	S-8020A		04/30/1997	zst		962	10
SURR: n,a,a-TFT		85	% Rec			04/30/1997	zst		962	50-130

ANALYTICAL RESULTS REPORT

Larry Campbell
TRANSWESTERN PIPELINE
6381 N. Main St.
Roswell, NM 88202

05/01/1997

EPIC Job Number: 97.01628
Sample Number: 331772

Project Description:
Job Description: Landfarm - WT-1

Sample Description: 106 Landfarm #4

Parameter	Flag	Result	Units	Analytical Method	Date Prepared	Date Analyzed	Analyst	Prep Batch Number	Run Batch Number	Reporting Limit
TPH-418.1 (Nonaqueous)		296	ug/g	E-418.1		05/01/1997	bss		1296	10
EPA 8020-NONAQ										
Benzene		<10	ug/kg	S-8020A		04/30/1997	zst		962	10
Ethylbenzene		<10	ug/kg	S-8020A		04/30/1997	zst		962	10
Toluene		<10	ug/kg	S-8020A		04/30/1997	zst		962	10
Xylenes, Total		<10	ug/kg	S-8020A		04/30/1997	zst		962	10
SURR: a,a,a-TFT		60	% Rec			04/30/1997	zst		962	50-130

ANALYTICAL RESULTS REPORT

Larry Campbell
TRANSWESTERN PIPELINE
6381 N. Main St.
Roswell, NM 88202

05/01/1997

EPIC Job Number: 97.01628
Sample Number: 331773

Project Description:
Job Description: Landfarm - WT-1

Sample Description: 107 Landfarm #5

Parameter	Flag	Result	Units	Analytical Method	Date Prepared	Date Analyzed	Analyst	Prep Batch Number	Run Batch Number	Reporting Limit
TPH-418.1 (Nonaqueous)		250	ug/g	E-418.1		05/01/1997	bss		1296	10
EPA 8020-NONAQ										
Benzene		<10	ug/kg	S-8020A		04/30/1997	zst		962	10
Ethylbenzene		<10	ug/kg	S-8020A		04/30/1997	zst		962	10
Toluene		<10	ug/kg	S-8020A		04/30/1997	zst		962	10
Xylenes, Total		<10	ug/kg	S-8020A		04/30/1997	zst		962	10
SURR: a,a,a-TFT		74	% Rec			04/30/1997	zst		962	50-130

QUALITY CONTROL REPORT
BLANKS

Larry Campbell
TRANSWESTERN PIPELINE
6381 N. Main St.
Roswell, NM 88202

05/01/1997

EPIC Job Number: 97.01628

Project Description:
Job Description: Landfarm - WT-1

Parameter	Flag	Blank Result	Units	Reporting Limit	Date Analyzed	Prep Batch Number	Run Batch Number
TPH-418.1 (Nonaqueous)		<10	ug/g	10	04/29/1997		1296
EPA 8020-NONAQ							
Benzene		<10	ug/kg	10	04/30/1997		962
Ethylbenzene		<10	ug/kg	10	04/30/1997		962
Toluene		<10	ug/kg	10	04/30/1997		962
Xylenes, Total		<10	ug/kg	10	04/30/1997		962

All parameters should be less than the reporting limit.

QUALITY CONTROL REPORT
CONTINUING CALIBRATION VERIFICATION STANDARD

Larry Campbell
TRANSWESTERN PIPELINE
6381 N. Main St.
Roswell, NM 88202

05/01/1997

EPIC Job Number: 97.01628

Project Description:
Job Description: Landfarm - WT-1

Parameter	Flag	CCVS True Concentration	Units	CCVS Concentration Found	CCVS Percent Recovery	Date Analyzed	Run Batch Number
TPH-418.1 (Nonaqueous)		2660	ug/g	2619	98.2	04/29/1997	1296
EPA 8020-NONAQ							
Benzene		20	ug/kg	23	115.0	04/30/1997	962
Ethylbenzene		20	ug/kg	19	95.0	04/30/1997	962
Toluene		20	ug/kg	22	110.0	04/30/1997	962
Xylenes, Total		60	ug/kg	55	91.7	04/30/1997	962

CCVS - Concinuing Calibration Verification Standard

QUALITY CONTROL REPORT
MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Larry Campbell
TRANSWESTERN PIPELINE
6381 N. Main St.
Roswell, NM 88202

05/01/1997

EPIC Job Number: 97.01628

Project Description:
Job Description: Landfarm - WT-1

Parameter	Flag	Units	Sample Result	Spike Amount Added	Matrix Spike Result	MS Percent Recovery	Duplicate Spike Amount Added	MSD Result	MSD Percent Recovery	MS/MSD RPD	Date Analyzed	Prep Batch Number	Run Batch Number
TPH-418.1 (Nonaqueous)		ug/g	343	906	1260	101.2	862	1250	105.2	3.9	04/29/1997		1296
TPH-418.1 (Nonaqueous)		ug/g	269	500	809	108.0	500	837	113.6	5.1	05/01/1997		1296

NOTE: The Quality Control data in this report reflects the batch in which your sample was prepped and/or analyzed. The sample selected for QA may not necessarily be your sample.

QUALITY CONTROL REPORT
LABORATORY CONTROL STANDARD

Larry Campbell
TRANSWESTERN PIPELINE
6381 N. Main St.
Roswell, NM 88202

05/01/1997

EPIC Job Number: 97.01628

Project Description:
Job Description: Landfarm - WT-1

Analyte	Prep Batch No.	Run Batch No.	LCS True Conc	Units	LCS Conc Found	LCS % Rec.	LCS Dup Conc. Found	LCS Dup % Rec	LCS % RPD	Flag	Date Analyzed
EPA 8020-MODIFIED											
Benzene		962	100	ug/kg	96	96.0	95	95.0	0.0		04/30/1997
Ethylbenzene		962	100	ug/kg	100	100.0	100	100.0	0.0		04/30/1997
Toluene		962	100	ug/kg	120	120.0	100	100.0	18.2		04/30/1997
Xylenes, Total		962	300	ug/kg	315	105.0	285	95.0	9.9		04/30/1997

LCS - Laboratory Control Standard

For samples with insufficient sample volume, an LCS/LCS duplicate is reported instead of an MS/MSD.

NET NATIONAL ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

COMPANY: TRANSWESTERN PIPELINE
ADDRESS: BOX TT CARLSBAD, N.M. 88220
PHONE: 505 885-8525 FAX: 505-885-1762
PROJECT NAME/LOCATION: LANDFARM - WT-1
PROJECT NUMBER:
PROJECT MANAGER: SHANE YOUNGBLOOD

REPORT TO:
INVOICE TO:
P.O. NO.
NET QUOTE NO.

SAMPLED BY: BOS ALSTON (PRINT NAME) — SIGNATURE: [signature]
(PRINT NAME) — SIGNATURE:

To assist us in selecting the proper method
Is this work being conducted for regulatory compliance monitoring? Yes ___ No ___
Is this work being conducted for regulatory enforcement action? Yes ___ No ___
Which regulations apply: RCRA ___ NPDES Wastewater ___ UST ___ Drinking Water ___ Other ___ None ___

DATE	TIME	SAMPLE ID/DESCRIPTION	MATRIX	GRAB	COMP	HCl	NaOH	HNO_3	H_2SO_4	OTHER	TPH	BTEX	COMMENTS
4/23		103 LANDFARM #1			✓						✓	✓	
4/23		104 LANDFARM #2			✓						✓	✓	
4/23		105 LANDFARM #3			✓						✓	✓	
4/23		106 LANDFARM #4			✓						✓	✓	
4/23		107 LANDFARM #5			✓						✓	✓	

(HCl through OTHER: # and Type of Containers; TPH and BTEX: ANALYSES)

CONDITION OF SAMPLE: BOTTLES INTACT? YES / NO
FIELD FILTERED? YES / NO
COC SEALS PRESENT AND INTACT? YES / NO
VOLATILES FREE OF HEADSPACE? YES / NO
TEMPERATURE UPON RECEIPT:
Bottles supplied by NET? YES / NO

SAMPLE REMAINDER DISPOSAL: RETURN SAMPLE REMAINDER TO CLIENT VIA
I REQUEST NET TO DISPOSE OF ALL SAMPLE REMAINDERS ___ DATE ___

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	RELINQUISHED BY:	DATE	TIME	RECEIVED FOR NET BY:
C ALSTON	4-24-97	1424	Ed Parrish Fed Ex				

METHOD OF SHIPMENT
REMARKS:

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

February 24, 1998

CERTIFIED MAIL
RETURN RECEIPT NO. P-288-259-035

Mr. James R. Russell
Transwestern Pipeline Company
Summit Office Building
4001 Indian School Road, NE, Suite 250
Albuquerque, New Mexico 87110

RE: Disposal of Asbestos Pipe Insulation
Carlsbad Compressor Station (GW-109)
Eddy County, New Mexico

Dear Mr. Russell:

The New Mexico Oil Conservation Division (OCD) has completed a review of the Transwestern Pipeline Company (Transwestern) request dated February 10, 1998 for disposal of 156 linear feet of asbestos pipe insulation. The requested site for disposal is Keer's Asbestos land farm located at Mountainair, New Mexico. Based on the information provided, the Transwestern disposal request is approved.

Please be advised that OCD approval does not relieve Transwestern of responsibility for compliance with any other federal, state or local laws and/or regulations.

If you have any questions, please call me at (505) 827-7155.

Sincerely,

Mark Ashley
Geologist

xc: OCD Artesia Office

P 288 259 035

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

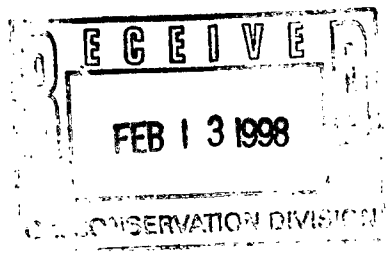
Sent to	
Street & Number	
Post Office, State, & ZIP Code	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form 3800, April 1995

Enron Transportation & Storage
Services Provided by Northern Natural Gas Company and Transwestern Pipeline Company
Summit Office Building
4001 Indian School Road, NE, Suite 250
Albuquerque, NM 87110
(505) 260-4000
Fax (505) 254-1437

February 10, 1998

Mr. Roger Anderson
Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505



Re: Disposal of Asbestos Pipe Insulation :

Dear Mr. Anderson

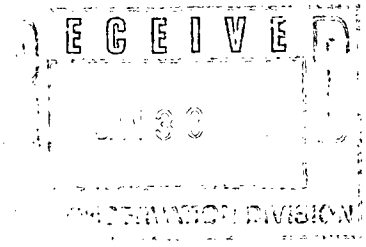
Transwestern Pipeline Company, owner and operator of the facility located at Carlsbad, New Mexico. Request approval from your agency to dispose of this asbestos from our facility (GW 109). There is approximate 156 linear feet of material at this site. This project will be performed by Asbestos Removal Inc. Their address mailing is P. O. Box 13508 79768. Their physical address is 2924 East Interstate 20 Odessa, Texas. The disposal of the material will be at the Keer's Asbestos land farm located at Mountainair, New Mexico. Approval of this request will allow Transwestern completion of this project.

Should you have any question, please call me at (505) 260-4011.

Sincerely,

James R. Russell
Environmental Specialist

xc: Rich Jolly
Carlsbad Team
file



Enron Transportation & Storage
Services Provided by Northern Natural Gas Company and Transwestern Pipeline Company
Summit Office Building
4001 Indian School Road, NE, Suite 250
Albuquerque, NM 87110
(505) 260-4000
Fax (505) 254-1437

January 26, 1998

Mr. Roger Anderson
Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

Reference: Underground Drain Line Testing, Transwestern Pipeline Company'
WT #1 Compressor Station Carlsbad New Mexico GW-~~113~~ 109

Dear Mr. Anderson:

The following report presents the results of the underground drain line testing at the Transwestern Pipeline Company (Transwestern) WT #1 Compressor Station Carlsbad New Mexico facility. This station is currently operating under OCD discharge plan GW-113, which requires drain line testing to be conducted on all underground drain lines. The testing program was conducted using the methodology submitted by letter on July 8, 1997 to the OCD, which was then approved by the agency on July 16, 1997.

METHODOLOGY

The testing program was initiated on January 15, 1998 to January 17, 1998. The following drain line systems at the facility were hydrostatically tested:

Drain Line System	Length of Line (ft.)	Size of pipe (in.)
Comp. Bldg. To OWW (1) Sump	363	4" drain lines to 8" Header
Comp. Bldg. Sump to OWW Tank	354	4.0
WT #1 Pig Receiver to Pump	60	2.0
Crawford Pig Receiver to Pump	84	2.0
Mist Extractor to PPL(2) Tank	72	2.0
Pump to Mist Extractor	171	2.0
Dehy Containment to Pump	69	2.0
Wash Bay Sump to OWW Tank	285	2.0

(1)Oily Waste Water
(2)Pipe Line Liquids

For each drain line tested, the following methodology was employed. A test header was constructed by isolating each drain line and attaching and sealing a 90 degree elbow of the same pipe diameter to one of the two drain pipe ends. A seven 7 ft vertical pipe of the same pipe diameter was attached and sealed to the exposed vertical end of the 90 degree elbow. At the horizontal terminal end of the exposed drain pipe a test plug was temporarily inserted and sealed. The drain line and attached test header was then filled with water to a marked level on the vertical pipe of 6.95 ft. above the horizontal elevation of the drain pipe. This water level head created a positive pressure of 3.0 psi upon the existing piping system. This pressure was then allowed to equilibrate in the pipe and the test was conducted for a period of thirty minutes to determine water loss in the pipe. Any water leakage will be indicated by a drop in the water level of the vertical pipe below the 6.95 ft mark.

RESULTS

The results of the drain line testing recorded no instances where the water level in the vertical stand pipe receded below the water level mark of 6.95 ft. Based upon the results of this study, Transwestern concludes that the integrity of all underground drain line systems at this facility are intact and that no further actions are required on these lines.

Should you desire additional information concerning this testing procedure or report, contact Mr. James Russell at (505) 260-4011 or Mr. Larry Campbell at (505) 625-8022.

Sincerely,

James R. Russell
Environmental Specialist

xc: Rich Jolly
Larry Campbell
Bob Bandell
file

Enron Transportation & Storage

Services provided by Northern Natural Gas Company and Transwestern Pipeline Company

May 9, 1997

Mr. Roger Anderson
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

James R. Russell
Transwestern Pipeline Company
Summit Office Bld. Ste. 250
4001 Indian School Rd NE
Albuquerque, New Mexico 87110

Re: Removal of Land Farm Remediated Soil to Pipeline Right of Way:

Dear Mr. Anderson

Transwestern Pipeline Company, owner and operator of the WT-1 Compressor Station located near Carlsbad, New Mexico request approval from your agency to remove approximate sixty (60) cubic yards of bioremediated soil. This land farm is under an amendment to the Ground Water Plan GM 109. Usage of soil allowed under OCD guide lines on Leaks, Spills, and Releases with 5000 ppm when ground water is atleast 100 feet deep. Transwestern Pipeline would use this soil for the purpose of supplementing the cover on the Crawford Laterial where erosion has occurred. The legal description of the Crawford Laterial location is Q. NE,T21 S, R 30 E, Section 1 through Q. NW, T 21 S, R 31 E, Sec 6. Transwestern will receive approval of land owner before work begins
Analytical of the soil accompanies this request.

Should you need any further information please give me a call at (505) 260-4011

Sincerely,

James R. Russell

James R. Russell
Environmental Specialist

xc: Rich Jolly
File

Spoke to Mr. Russell on 6-10-97. He said the location is a mainline compressor and with this stated it appears that the soil needs to be characterized per 40 CFR Part 261 to verify that the soil is non-Hazardous in terms of Subtitle C. JRS

EPIC LABORATORIES, INC.

ANALYTICAL AND QUALITY CONTROL REPORT

Larry Campbell
TRANSWESTERN PIPELINE
6381 N. Main St.
Roswell, NM 88202

05/01/1997

EPIC Job Number: 97.01628

Page 1

Project Description:
Job Description: Landfarm - WT-1

Enclosed are the Analytical Results and Quality Control Data Reports for the following samples submitted to EPIC Laboratories, Inc. for analysis:

Sample Number	Sample Description	Date Taken	Time Taken	Date Received
331769	103 Landfarm #1	04/23/1997		04/25/1997
331770	104 Landfarm #2	04/23/1997		04/25/1997
331771	105 Landfarm #3	04/23/1997		04/25/1997
331772	106 Landfarm #4	04/23/1997		04/25/1997
331773	107 Landfarm #5	04/23/1997		04/25/1997

This Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

Debby Skogen
Project Coordinator

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.

ANALYTICAL RESULTS REPORT

Larry Campbell
TRANSWESTERN PIPELINE
6381 N. Main St.
Roswell, NM 88202

05/01/1997

EPIC Job Number: 97.01628
Sample Number: 331769

Project Description:
Job Description: Landfarm - WT-1

Sample Description: 103 Landfarm #1

Parameter	Flag	Result	Units	Analytical Method	Date Prepared	Date Analyzed	Analyst	Prep Batch Number	Run Batch Number	Reporting Limit
TPH-418.1 (Nonaqueous)		377	ug/g	E-418.1		05/01/1997	bss		1296	10
EPA 8020-NONAQ										
Benzene		<10	ug/kg	S-8020A		04/30/1997	zst		962	10
Ethylbenzene		<10	ug/kg	S-8020A		04/30/1997	zst		962	10
Toluene		<10	ug/kg	S-8020A		04/30/1997	zst		962	10
Xylenes, Total		<10	ug/kg	S-8020A		04/30/1997	zst		962	10
SURR: a,a,a-TFT		79	% Rec			04/30/1997	zst		962	50-130

ANALYTICAL RESULTS REPORT

Larry Campbell
TRANSWESTERN PIPELINE
6381 N. Main St.
Roswell, NM 88202

05/01/1997

EPIC Job Number: 97.01628
Sample Number: 331771

Project Description:
Job Description: Landfarm - WT-1

Sample Description: 105 Landfarm #3

Parameter	Flag	Result	Units	Analytical Method	Date Prepared	Date Analyzed	Analyst	Prep Batch Number	Run Batch Number	Reporting Limit
TPH-418.1 (Nonaqueous)		337	ug/g	E-418.1		05/01/1997	bgg		1296	10
EPA 8020-NONAQ										
Benzene		<10	ug/kg	S-8020A		04/30/1997	zst		962	10
Ethylbenzene		<10	ug/kg	S-8020A		04/30/1997	zst		962	10
Toluene		<10	ug/kg	S-8020A		04/30/1997	zst		962	10
Xylenes, Total		<10	ug/kg	S-8020A		04/30/1997	zst		962	10
SURR: a,a,a-TFT		89	% Rec			04/30/1997	zst		962	50-150

ANALYTICAL RESULTS REPORT

Larry Campbell
TRANSWESTERN PIPELINE
6381 N. Main St.
Roswell, NM 88202

05/01/1997

EPIC Job Number: 97.01628
Sample Number: 331770

Project Description:
Job Description: Landfarm - WT-1

Sample Description: 104 Landfarm #2

Parameter	Flag	Result	Units	Analytical Method	Date Prepared	Date Analyzed	Analyst	Prep Batch Number	Run Batch Number	Reporting Limit
TPH-418.1 (Nonaqueous)		269	ug/g	E-418.1		05/01/1997	lss		1296	10
EPA 8020-NONAQ										
Benzene		<10	ug/kg	S-8020A		04/30/1997	zst		962	10
Ethylbenzene		<10	ug/kg	S-8020A		04/30/1997	zst		962	10
Toluene		<10	ug/kg	S-8020A		04/30/1997	zst		962	10
Xylenes, Total		<10	ug/kg	S-8020A		04/30/1997	zst		962	10
SURR: m,p,a-TFT		85	% Rec			04/30/1997	zst		962	50-130

ANALYTICAL RESULTS REPORT

Larry Campbell
TRANSWESTERN PIPELINE
6381 N. Main St.
Roswell, NM 88202

05/01/1997

EPIC Job Number: 97.01628
Sample Number: 331772

Project Description:
Job Description: Landfarm - WT-1

Sample Description: 106 Landfarm #4

Parameter	Flag	Result	Units	Analytical Method	Date Prepared	Date Analyzed	Analyst	Prep Batch Number	Run Batch Number	Reporting Limit
TPH-418.1 (Nonaqueous)		296	ug/g	E-418.1		05/01/1997	bss		1296	10
EPA 8020-NONAQ										
Benzene		<10	ug/kg	S-8020A		04/30/1997	zst		962	10
Ethylbenzene		<10	ug/kg	S-8020A		04/30/1997	zst		962	10
Toluene		<10	ug/kg	S-8020A		04/30/1997	zst		962	10
Xylenes, Total		<10	ug/kg	S-8020A		04/30/1997	zst		962	10
SURR: a,a,a-TFT		60	% Rec			04/30/1997	zst		962	50-130

ANALYTICAL RESULTS REPORT

Larry Campbell
TRANSWESTERN PIPELINE
6381 N. Main St.
Roswell, NM 88202

05/01/1997

EPIC Job Number: 97.01628
Sample Number: 331773

Project Description:
Job Description: Landfarm - WT-1

Sample Description: 107 Landfarm #5

Parameter	Flag	Result	Units	Analytical Method	Date Prepared	Date Analyzed	Analyst	Prep Batch Number	Run Batch Number	Reporting Limit
TPH-418.1 (Nonaqueous)		250	ug/g	E-418.1		05/01/1997	bss		1296	10
EPA 8020-NONAQ										
Benzene		<10	ug/kg	S-8020A		04/30/1997	zst		962	10
Ethylbenzene		<10	ug/kg	S-8020A		04/30/1997	zst		962	10
Toluene		<10	ug/kg	S-8020A		04/30/1997	zst		962	10
Xylenes, Total		<10	ug/kg	S-8020A		04/30/1997	zst		962	10
SURR: a,a,a-TFT		74	% Rec			04/30/1997	zst		962	50-130

QUALITY CONTROL REPORT
BLANKS

Larry Campbell
TRANSWESTERN PIPELINE
6381 N. Main St.
Roswell, NM 88202

05/01/1997

EPIC Job Number: 97.01628

Project Description:
Job Description: Landfarm - WT-1

Parameter	Flag	Blank Result	Units	Reporting Limit	Date Analyzed	Prep Batch Number	Run Batch Number
TPH-418.1 (Nonaqueous)		<10	ug/g	10	04/29/1997		1296
EPA 8020-NONAQ							
Benzene		<10	ug/kg	10	04/30/1997		962
Ethylbenzene		<10	ug/kg	10	04/30/1997		962
Toluene		<10	ug/kg	10	04/30/1997		962
Xylenes, Total		<10	ug/kg	10	04/30/1997		962

All parameters should be less than the reporting limit.

QUALITY CONTROL REPORT
CONTINUING CALIBRATION VERIFICATION STANDARD

Larry Campbell
TRANSWESTERN PIPELINE
6381 N. Main St.
Roswell, NM 88202

05/01/1997

EPIC Job Number: 97.01628

Project Description:
Job Description: Landfarm - WT-1

Parameter	Flag	CCVS True Concentration	Units	CCVS Concentration Found	CCVS Percent Recovery	Date Analyzed	Run Batch Number
TPH-418.1 (Nonaqueous)		2660	ug/g	2639	99.2	04/29/1997	1296
EPA 8020-NONAQ							
Benzene		25	ug/kg	23	115.0	04/30/1997	962
Ethylbenzene		20	ug/kg	19	95.0	04/30/1997	962
Toluene		20	ug/kg	22	110.0	04/30/1997	962
Xylenes, Total		60	ug/kg	55	91.7	04/30/1997	962

CCVS - Concinuing Calibration Verification Standard

QUALITY CONTROL REPORT
MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Larry Campbell
TRANSWESTERN PIPELINE
6381 N. Main St.
Roswell, NM 88202

05/01/1997

EPIC Job Number: 97.01628

Project Description:
Job Description: Landfarm - WT-1

Parameter	Flag	Units	Sample Result	Spike Amount Added	Matrix Spike Result	MS Percent Recovery	Duplicate Spike Amount Added	MSD Result	MSD Percent Recovery	MS/MSD RPD	Date Analyzed	Prep Batch Number	Run Batch Number
TPH-418.1 (Nonaqueous)		ug/g	343	906	1260	101.2	862	1250	105.2	3.9	04/29/1997		1296
TPH-418.1 (Nonaqueous)		ug/g	269	500	809	108.0	500	837	113.6	5.1	05/01/1997		1296

NOTE: The Quality Control data in this report reflects the batch in which your sample was prepped and/or analyzed. The sample selected for QA may not necessarily be your sample.

QUALITY CONTROL REPORT
LABORATORY CONTROL STANDARD

Larry Campbell
TRANSWESTERN PIPELINE
6381 N. Main St.
Roswell, NM 88202

05/01/1997

EPIC Job Number: 97.01628

Project Description:
Job Description: Landfarm - WT-1

Analyte	Prep Batch No.	Run Batch No.	LCS True Conc	Units	LCS Conc Found	LCS % Rec.	LCS Dup Conc. Found	LCS Dup % Rec	LCS % RPD	Flag	Date Analyzed
EPA 8020-NONAQ											
Benzene		962	100	ug/kg	95	95.0	95	95.0	0.0		04/30/1997
Ethylbenzene		962	100	ug/kg	100	100.0	100	100.0	0.0		04/30/1997
Toluene		962	100	ug/kg	120	120.0	100	100.0	18.2		04/30/1997
Xylenes, Total		962	300	ug/kg	315	105.0	285	95.0	9.9		04/30/1997

LCS - Laboratory Control Standard

For samples with insufficient sample volume, an LCS/LCS duplicate is reported instead of an MS/MSD.

NET NATIONAL ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

COMPANY TRANSWESTERN PIPELINE
ADDRESS BOX 1717 CARLSBAD, N.M. 88220
PHONE 505 885-8525 FAX 505-885-1762
PROJECT NAME/LOCATION LANDFARM - WT-1
PROJECT NUMBER
PROJECT MANAGER SHANE YOUNGBLOOD

REPORT TO:
INVOICE TO:
P.O. NO.
NET QUOTE NO.

P.2/2

SAMPLED BY: BOB ALSTON (PRINT NAME) SIGNATURE
(PRINT NAME) SIGNATURE

DATE	TIME	SAMPLE ID/DESCRIPTION	MATRIX	GRAB	COMP	# and Type of Containers: HCl	NaOH	HNO_3	H_2SO_4	OTHER	ANALYSES: TPH	BTEX								COMMENTS
4/23		103 LANDFARM #1			✓						✓	✓								
4/23		104 LANDFARM #2			✓						✓	✓								
4/23		105 LANDFARM #3			✓						✓	✓								
4/23		106 LANDFARM #4			✓						✓	✓								
4/23		107 LANDFARM #5			✓						✓	✓								

To assist us in selecting the proper method
Is this work being conducted for regulatory compliance monitoring? Yes ___ No ___
Is this work being conducted for regulatory enforcement action? Yes ___ No ___
Which regulations apply: RCRA ___ NPDES Wastewater ___ UST ___ Drinking Water ___ Other ___ None ___

CONDITION OF SAMPLE: BOTTLES INTACT? YES / NO FIELD FILTERED? YES / NO
COC SEALS PRESENT AND INTACT? YES / NO VOLATILES FREE OF HEADSPACE? YES / NO
TEMPERATURE UPON RECEIPT: ___ Bottles supplied by NET? YES / NO

SAMPLE REMAINDER DISPOSAL: RETURN SAMPLE REMAINDER TO CLIENT VIA ___
I REQUEST NET TO DISPOSE OF ALL SAMPLE REMAINDERS ___ DATE ___

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	RELINQUISHED BY:	DATE	TIME	RECEIVED FOR NET BY:
BOB ALSTON	4-24-97	1104	Ed Perras Fed Ex				

METHOD OF SHIPMENT
REMARKS:

PT 1 - ORIGINAL - WHITE PT 2 - NET PROJECT MANAGER - YELLOW PT 3 - CUSTOMER COPY - PINK

MAY 07 '97 11:22PM

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

May 2, 1997

CERTIFIED MAIL
RETURN RECEIPT NO. P-288-258-812

Mr. James R. Russell
Transwestern Pipeline Company (TWPC)
4001 Indian School Road, NE, Suite 250
Albuquerque, NM 87110

Re: Disposal Request - Approval
Carlsbad Compressor Station - GW-109
"Four cubic yards of old grout"

Dear Mr. Russell:

The Oil Conservation Division (OCD) has received your request letter dated April 11, 1997, for approval to remove and dispose of approximately four cubic yards of non-hazardous grout at the Lea Land Fill, permit #131401 located in Lea County, New Mexico generated from the GW-109 or WT-1 Carlsbad compressor station. **Based on the information provided, your disposal request is approved.**

Please be advised that this approval does not relieve TWPC of liability should your operation result in pollution of surface or groundwater or the environment. Further, OCD approval does not relieve TWPC from responsibility to comply with other federal, state, and local rules/regulations that may apply.

If there are any questions on this matter, please contact me at (505) 827-7152.

Sincerely,

Roger C. Anderson
Bureau Chief
Environmental Bureau-OCD

RCA/pws

c: Mr. Wayne Price - OCD Hobbs District Environmental Engineer.

P 288 258 512

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

Sent to TWPL- Mr. James Russell.	
Street & Number CV-109 - Grant dispo(	
Post Office, State, & ZIP Code	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form **3800**, April 1995

Enron Transportation & Storage

Services provided by Northern Natural Gas Company and Transwestern Pipeline Company

5

April 11, 1997

RECEIVED

APR 16 1997

Environmental Bureau
Oil Conservation Division

Mr Roger Anderson
Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

James R. Russell
Transwestern Pipeline Company
Summit Office Bld. Ste.250
4001 Indian School Rd. NE
Albuquerque, New Mexico 87110

Re: Disposal of old grout at WT-1, Compressor Station, Carlsbad, New Mexico

Dear Mr. Anderson

Transwestern Pipeline Company, owner and operator of the WT-1 Compressor Station request approval from your agency to dispose of waste generated from this location. This request addresses the disposal of approximately four (4) cubic yards of non hazardous grout that has been removed from this location. This waste will be disposed of in the Lea Land Fill, permit # 131401 located in Lea County, New Mexico. Approval of this request will allow Transwestern to expedite completion of this project and will not create any adverse impact to the facilities environment.

Sincerely,

James R. Russell

James R. Russell
Environmental Specialist

xc: Rich Jolly
Larry Campbell

JAN - 8
1035

NOTICE OF PUBLICATION

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

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

(GW-109) - Transwestern Pipeline Company, Mr. Larry Campbell, (505)-625-8022, 6381 N. Main, Roswell, NM, 88201, has submitted a Discharge Plan Renewal Application for their "Carlsbad" compressor station located in the NW/4, Section 31, Township 20 South, Range 32 East, NMPM, Lea County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 30 feet with a total dissolved solids concentration of approximately 1500 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-110) - Transwestern Pipeline Company, Mr. Larry Campbell, (505)-625-8022, 6381 N. Main, Roswell, NM, 88201, has submitted a Discharge Plan Renewal Application for their "Mountainair" compressor station located in the S/2 NE/4, Section 3, Township 1 North, Range 6 East, NMPM, Torrance County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 350 feet with a total dissolved solids concentration of approximately 2800 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 31st day of December, 1996.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

WILLIAM J. LEMAY, Director

WJL/pws

FEB - 4 1997

NO EFFECT FINDING

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

Date February 3, 1997

Consultation # SEAL 97GW-OCD1

Approved by

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

The Estancia Valley Citizen
P.O. Box 288
Estancia, New Mexico 87016-0288

PUBLISHER'S AFFIDAVIT

STATE OF NEW MEXICO)
)
COUNTY OF TORRANCE)

Before me, the undersigned, personally appeared Carolyn Carlson Appelman, who being sworn, states:

That she is the publisher of the **ESTANCIA VALLEY CITIZEN** (formerly the Torrance County Citizen), a weekly newspaper of general circulation, which is entered under the second class privilege in Torrance County, New Mexico, published continuously and uninterruptedly during the period of more than twenty-six consecutive weeks next prior to the first issue containing the attached legal notice;

That the notice attached hereto in Cause No. Renewal ~~in the~~ application Court in and for Torrance County, New Mexico, was published in said newspaper for 1 consecutive issues, the first publication being dated

1-3-97

and the last publication being dated

1-3-97;

That such legal notice was published in a newspaper duly qualified for that purpose within the meaning of Chapter 167, New Mexico Session Laws of 1937; and that payment therefor in the sum of

$ 65.59 is to be assessed as court costs in said cause.

Carolyn Carlson Appelman
PUBLISHER

Subscribed and sworn to before me this 15th day of January 1997.

Brenda F. Bintzler
Notary Public

My commission expires: 1-27-97

(S E A L)

Okay to Pay Phb 1-27-97

RECEIVED
JAN 27 1997
Environmental Bureau
Oil Conservation Division

NOTICE OF PUBLICATION

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

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(GW-110) - Transwestern Pipeline Company, Mr. Larry Campbell, (505)-625-8022, 6381 N. Main, Roswell, NM, 88201, has submitted a Discharge Plan Renewal Application for their "Mountainair" compressor station located in the S/2 NE/4, Section 3, Township 1 North, Range 6 East, NMPM, Torrance County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle, Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 350 feet with a total dissolved solids concentration of approximately 2800 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 31st day of December, 1996.

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

SEAL

To be published one time in the Estancia Valley Citizen, on January 3, 1996.

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 12/5/96,

or cash received on _____ in the amount of $ 740.00

from ENRON

for WT 1 (Facility Name) GW-109 (DP No.)

Submitted by: _____ Date: _____

Submitted to ASD by: R. Chandler Date: 1-24-97

Received in ASD by: _____ Date: _____

Filing Fee X New Facility ___ Renewal X

Modification ___ Other _____ (specify)

Organization Code 521.07 Applicable FY 97

To be deposited in the Water Quality Management Fund.

Full Payment X or Annual Increment ___

ENRON CORP

TRANSWESTERN PIPELINE COMPANY
P.O. BOX 1188
HOUSTON, TEXAS 77251-1188

62-20
311

No. [redacted]

12/05/96

PAY TO THE ORDER OF
NMED-WATER QUALITY MANAGEMENT
OIL CONSERVATION DIVISION
2040 SOUTH PACHECO ST
SANTA FE, NM
87504-

$$$$$$$$$$$$740.00

NOT VALID AFTER 90 DAYS

Seven Hundred Forty and 00/100 Dollars

AUTHORIZED SIGNATURE

CITIBANK DELAWARE, A SUBSIDIARY OF CITICORP
ONE PENN'S WAY, NEW CASTLE, DE 19720

[redacted]

TRANSWESTERN PIPELINE COMPANY
P.O. BOX 1188
HOUSTON, TEXAS 77251-11[redacted]

ENRON CORP

12/05/96

0025229 SD T 8797 EMSA3 PG 1 OF 1

NMED-WATER QUALITY MANAGEMENT
OIL CONSERVATION DIVISION
2040 SOUTH PACHECO ST
SANTA FE, NM
87504-

VENDOR NO. #B22134121
REMITTANCE STATEMENT

VOUCHER NO.	INVOICE DATE	INVOICE NUMBER	PURCHASE ORDER	AMOUNT		
				GROSS	DISCOUNT	NET
9612000644	11/20/96	GW-109		740.00	0.00	740.00
			LARRY CAMPBELL WT-1 FILING FEE DISCHARGE PLAN GW-109			
					TOTAL	740.00

SPECIAL INSTRUCTIONS:
MAIL TO:TRANSWESTERN 6381 N.MAIN ROSWELL,NM 88201 ATTN:

DETACH AND RETAIN THIS STUB FOR YOUR RECORDS.

CHECK # [redacted] ATTACHED BELOW

FAX (505) 625-8060

Phone (505) 623-2761

Transwestern Pipeline Company
TECHNICAL OPERATIONS
6381 North Main • Roswell, New Mexico 88201

January 17,1997

23

Mr. Pat Sanchez
Oil Conservation Division
2048 Pacheco St.
Santa Fe, New Mexico 87502

Re: Land Ownership Status, Transwestern Pipeline Company Facilities

Dear Mr. Sanchez:

As per your request in January of this year, presented below are the land ownership designations for those Transwestern facilities which are covered under the Oil Conservation Division's (OCD) groundwater discharge plans:

Facility	Discharge Plan No.	Ownership
C/S No. 5, Thoreau	GW- 80	Transwestern
Bloomfield C/S	GW- 84	Transwestern
C/S No. 6, Laguna	GW- 95	Luguna Reservation
C/S No. 7, Mountainair	GW-110	Transwestern
C/S No. 8, Corona	GW- 89	Transwestern
C/S No. 9, Roswell	GW- 52	Transwestern
Portales (P-1) C/S	GW- 90	Transwestern
Carlsbad (Wt-1) C/S	GW-109	Transwestern
Monument Turbine C/S	GW-197	Transwestern
Eunice C/S	GW-113	Transwestern

Should you require additional information concerning the above listed facilities, contact the undersigned at our Roswell Technical Operations office at (505) 625-8022.

Sincerely,

Larry Campbell
Division Environmental Specialist

file

The Santa Fe New Mexican

Since 1849. We Read You.

NM OIL DIVISION
ATTN: SALLY MARTINEZ
2040 S. PACHECO
SANTA FE, NM 87505

AD NUMBER:592840 ACCOUNT: 56689

LEGAL NO: 61004 P.O. #:96-199-002997

204 LINES ONCE at $ 81.60

Affidavits: 5.25

Tax: 5.43

Total: $ 92.28

JAN - 8 1997

Environmental Bureau
Oil Conservation Division

NOTICE OF PUBLICATION

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

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

(GW-109) - Transwestern Pipeline Company, Mr. Larry Campbell, (505)-625-8022, 6381 N. Main, Roswell, NM, 88201, has submitted a Discharge Plan Application for their "Carlsbad" compressor station located in the NW/4, Section 31, Township 20 South, Range 32 East, NMPM, Lea County, New Mexico. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 30 feet with a total dissolved solids concentration of approximately 1500 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-110) - Transwestern Pipeline Company, Mr. Larry Campbell, (505)-625-8022, 6381 N. Main, Roswell, NM, 88201, has submitted a Discharge Plan Renewal Application for their "Mountainair" compressor station located in the S/2 NE/4, Section 3, Township 1 North, Range 6 East, NMPM, Torrance County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 350 feet with a total dissolved solids concentration of approximately 2800 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 31st day of December 1996.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
WILLIAM J. LEMAY,
Director
Legal #61004
Pub. January 6, 1997

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO
COUNTY OF SANTA FE

I, BETSY PERNER being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily news paper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a Newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication # 61004 a copy of which is hereto attached was published in said newspaper once each WEEK for ONE consecutive week(s) and that the notice was published in the newspaper proper and not in any supplement; the first publication being on the 6 day of JANUARY 1997 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/S/ Betsy Perner
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 6 day of JANUARY A.D., 1997

Okay DJ 1-8-97

OFFICIAL SEAL
Candace C. Ruiz
NOTARY PUBLIC - STATE OF NEW MEXICO
My Commission Expires: 9/20/99

• P.O. Box 2048 • Santa Fe, New Mexico 87501
505~983~3303

NOTICE OF PUBLICATION

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

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

(GW-109) - Transwestern Pipeline Company, Mr. Larry Campbell, (505)-625-8022, 6381 N. Main, Roswell, NM, 88201, has submitted a Discharge Plan Renewal Application for their "Carlsbad" compressor station located in the NW/4, Section 31, Township 20 South, Range 32 East, NMPM, Lea County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 30 feet with a total dissolved solids concentration of approximately 1500 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-110) - Transwestern Pipeline Company, Mr. Larry Campbell, (505)-625-8022, 6381 N. Main, Roswell, NM, 88201, has submitted a Discharge Plan Renewal Application for their "Mountainair" compressor station located in the S/2 NE/4, Section 3, Township 1 North, Range 6 East, NMPM, Torrance County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 350 feet with a total dissolved solids concentration of approximately 2800 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 31st day of December, 1996.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

SEAL

WILLIAM J. LEMAY, Director

WJL/pws

FAX (505) 625-8060

Phone (505) 623-2761

Transwestern Pipeline Company
TECHNICAL OPERATIONS
6381 North Main • Roswell, New Mexico 88201

December 16, 1996

Mr. Roger Anderson
New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87505

DEC 20 1996

Re: Renewal of Discharge Plan GW-109, Carlsbad Compressor Station

Dear Mr. Anderson:

Transwestern Pipeline Company (Transwestern), owner and operator of the Carlsbad Compressor Station (wt-1), is in receipt of the Oil Conservation Division's (OCD) November 20, 1996 letter, requesting renewal of the above referenced discharge plan. By this letter and the attached application, Transwestern requests renewal of the discharge plan for the Carlsbad Compressor Station. Under the original application, Transwestern provided all necessary and accurate information and was issued GW-090 by the OCD on May 18, 1992.

During the five (5) year operating period of this approved plan, the activities at the facility which are covered under this plan have remained consistent.

As required under 3-114 of the Water Quality Control Regulations, enclosed find check no 0602026799 in the amount of $740.00 for the nonrefundable filing fee and flat fee renewal application.

If you should require any additional information concerning this renewal application, contact our Roswell Technical Operations at (505) 625-8022.

Sincerely,

Larry Campbell

Larry Campbell
Division Environmental Specialist

xc: Rich Jolly
Butch Russell
Carlsbad Team
file

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

New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Revised 12/1/9

Submit Origin
Plus 1 Copi
to Santa I
1 Copy to appropria
District Offi

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)

☐ New ☒ Renewal ☐ Modification

1. Type: NATURAL GAS PIPELINE COMPRESSOR STATION
2. Operator: TRANSWESTERN PIPELINE COMPANY

   Address: 6381 NORTH MAIN STREET, ROSWELL, NEW MEXICO 88201

   Contact Person: LARRY CAMPBELL Phone: (505) 625-8022
3. Location: ____/4 NW /4 Section 31 Township 20S Range 32E

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

NAME: LARRY CAMPBELL Title: DIVISION ENVIRONMENTAL SPECIALIST

Signature: Larry Campbell Date: 12/16/96

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

November 20, 1996

CERTIFIED MAIL
RETURN RECEIPT NO. P-288-258-693

Mr. Larry Campbell
Division Environmental Specialist
Transwestern Pipeline Company
6381 North Main
Roswell, NM 88201

RE: Discharge Plan GW-109
Transwestern Pipeline Company (TWPC)
Carlsbad Compressor Station
Lea County, New Mexico

Dear Mr. Campbell:

On May 18, 1992, the groundwater discharge plan, GW-109, for the **Carlsbad Compressor Station** located in the NW/4, Section 31, Township 20 South, Range 32 East, NMPM, Lea County, New Mexico, was approved by the Director of the New Mexico Oil Conservation Division (OCD). This discharge plan was required and submitted pursuant to Water Quality Control Commission (WQCC) regulations and was approved for a period of five years. **The approval will expire on May 18, 1997.**

If the facility continues to have potential or actual effluent or leachate discharges and wishes to continue operation, the discharge plan must be renewed. **Pursuant to Section 3106.F., if an application for renewal is submitted at least 120 days before the discharge plan expires (on or before January 18, 1997), then the existing approved discharge plan for the same activity shall not expire until the application for renewal has been approved or disapproved.** The OCD is reviewing discharge plan submittals and renewals carefully and the review time can extend for several weeks to months. Please indicate whether TWPC has made, or intends to make, any changes in the system, and if so, please include these modifications in the application for renewal.

The discharge plan renewal application for the **Carlsbad Compressor Station** is subject to WQCC Regulation 3114. Every billable facility submitting a discharge plan renewal will be assessed a fee equal to the filing fee of $50 plus a flat fee of $690 for Compressor Stations in excess of 3,000 horsepower. The $50 filing fee is to be submitted with the discharge plan renewal application and is nonrefundable.

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

Please submit the original discharge plan renewal application and one copy to the OCD Santa Fe Office and one copy to the OCD Hobbs District Office. **Note that the completed and signed application form must be submitted with your discharge plan renewal request.**(Copies of the WQCC regulations and discharge plan application form and guidelines have been provided to TWPC in the past. If you require copies of these items notify the OCD at (505)-827-7152. A complete copy of the regulations is also available on OCD's website at www.emnrd.state.nm.us/ocd.htm.)

If TWPC no longer has any actual or potential discharges and a discharge plan is not needed, please notify this office. If TWPC has any questions, please do not hesitate to contact Pat Sanchez at (505) 827-7156.

Sincerely,

Roger C. Anderson
Environmental Bureau Chief

RCA/pws

xc: Mr. Wayne Price

P 288 258 693

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

Sent to TWPC - Campbell	
Street & Number GW-109 - 6 Mon. Rev.	
Post Office, State, & ZIP Code Notice	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form 3800, April 1995

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

March 23, 1993

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

CERTIFIED MAIL
RETURN RECEIPT NO.P-111-334-184

Mr. Larry Campbell
Transwestern Pipeline Company
P.O. Box 1717
Roswell, New Mexico 88202-1717

RE: Proposed Modifications for Landfarm Permit Conditions

Dear Mr. Campbell:

The Oil Conservation Division (OCD) has received your request, dated February 7, 1993. to modify the conditions of your permit to landfarm at the following facilities:

Yates Plant
Red Bluff No. 3 Compressor Station
Compressor Station No. 8, Corona
Compressor Station WT-1, Carlsbad

You propose to apply irrigation water to each of the above landfarms to enhance bioremediation of the hydrocarbon contaminated soils present in each treatment area.

The proposed modifications to the conditions of your permit to landfarm are hereby approved with the following additional conditions:

1) Fresh water will be added as necessary to enhance bioremediation.

2) There will be no ponding, pooling or run-off of water allowed.

3) Any ponding of precipitation will be removed within twenty-four (24) hours of discovery.

If you have any questions pertaining to this matter call me at (505) 827-5812.

Sincerely,

Roger C. Anderson
Environmental Bureau Chief

RCA/cee

xc: OCD Aztec Office

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

March 23, 1993

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

CERTIFIED MAIL
RETURN RECEIPT NO.P-111-334-184

Mr. Larry Campbell
Transwestern Pipeline Company
P.O. Box 1717
Roswell, New Mexico 88202-1717

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Red Bluff No. 3 Compressor Station
Compressor Station No. 8, Corona
Compressor Station WT-1, Carlsbad

You propose to apply irrigation water to each of the above landfarms to enhance bioremediation of the hydrocarbon contaminated soils present in each treatment area.

The proposed modifications to the conditions of your permit to landfarm are hereby approved with the following additional conditions:

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2) There will be no ponding, pooling or run-off of water allowed.

3) Any ponding of precipitation will be removed within twenty-four (24) hours of discovery.

If you have any questions pertaining to this matter call me at (505) 827-5812.

Sincerely,

Roger C. Anderson
Environmental Bureau Chief

RCA/cee

xc: OCD Aztec Office

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

DRUG FREE

BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

March 23, 1993

CERTIFIED MAIL
RETURN RECEIPT NO.P-111-334-184

Mr. Larry Campbell
Transwestern Pipeline Company
P.O. Box 1717
Roswell, New Mexico 88202-1717

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Yates Plant
Red Bluff No. 3 Compressor Station
Compressor Station No. 8, Corona
Compressor Station WT-1, Carlsbad

You propose to apply irrigation water to each of the above landfarms to enhance bioremediation of the hydrocarbon contaminated soils present in each treatment area.

The proposed modifications to the conditions of your permit to landfarm are hereby approved with the following additional conditions:

1) Fresh water will be added as necessary to enhance bioremediation.

2) There will be no ponding, pooling or run-off of water allowed.

3) Any ponding of precipitation will be removed within twenty-four (24) hours of discovery.

If you have any questions pertaining to this matter call me at (505) 827-5812.

Sincerely,

Roger C. Anderson
Environmental Bureau Chief

RCA/cee

xc: OCD Aztec Office

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece next to the article number.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Larry Campbell
Transwestern Pipeline Co
PO Box 1717
Roswell NM 88202-1717

4a. Article Number
P 111 334 184

4b. Service Type
☐ Registered ☐ Insured
☐ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery
ROSWELL NM MAR 26 1993 88201

5. Signature (Addressee)
Carmelita Holland

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent)

PS Form 3811, October 1990 ☆U.S. GPO: 1990—273-861 **DOMESTIC RETURN RECEIPT**

Transwestern Pipeline Company
TECHNICAL OPERATIONS
P. O. Box 1717 • Roswell, New Mexico 88202-1717

Phone (505) 623-2761
FAX (505) 625-8060

February 7, 1993

Mr. Roger Anderson
New Mexico Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Dear Mr. Anderson:

Transwestern Pipeline Company (TPC) requests approval from the Oil Conservation Division (OCD) to modify permit conditions for landfarming operations at the following OCD approved landfarm sites:

Facility	Discharge Permit No.
Yates Plant	GW- 53
Red Bluff No. 3 Compressor Station	Not Issued
Compressor Station No. 8, Corona	GW- 89
Compressor Station Wt-1, Carlsbad	GW- 109

Specifically, TPC requests approval to apply irrigation water to each of the above landfarms to enhance bioremediation of the non hazardous hydrocarbon contaminated soils present in each treatment area. Approval of this request will allow the contaminated levels in the soils to be lowered more quickly to below regulatory levels. This, in turn, will allow TPC to more quickly and efficiently complete soil remediation activities in New Mexico.

As a condition to this approval, the irrigation will be uniformly applied over the soil surface only to saturation and will not be allowed to "puddle" or stand in the landfarm for an extended period of time. In addition, irrigation volumes will not breech or exceed the height of the existing landfarm berms.

Should you require any additional information, I can be contacted at our Roswell Technical Operations Office at 625-8022.

Sincerely,

Larry Campbell

Larry Campbell
Division Environmental Specialist

xc: Doc Alpers
Greg McIlwain
Rich Jolly
Roger LaLonde
Lou Soldano Enron Legal
file

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 12/29/92,
or cash received on 12/31/92 in the amount of $ 1380.00
from (Enron) Transwestern Pipeline Corp
for Carlsbad Compressor Station GW-109
(Facility Name) (DP No.)
Submitted by: _____ Date: _____
Submitted to ASD by: Kathy Brown Date: 12/31/92
Received in ASD by: Molly C. Morgan Date: 12/31/92
Filing Fee ___ New Facility X Renewal ___
Modification ___ Other _____
(specify)
Organization Code 52107 Applicable FY 93

To be deposited in the Water Quality Management Fund.
Full Payment Y or Annual Increment ___

CHECK NO. [redacted]

ENRON CORP

TRANSWESTERN PIPELINE COMPANY
P.O. BOX 1188
HOUSTON, TEXAS 77251-1188

DATE OF CHECK
DECEMBER 29, 1992

PAY EXACTLY **ONE THOUSAND THREE HUNDRED EIGHTY & NO/100** DOLLARS **$1,380.00**
This check is VOID unless printed on BLUE background

PAY TO THE ORDER OF
NMED - WATER QUALITY MANAGEMENT
OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87504

D. B. Olpen

NOT VALID OVER $5,000 UNLESS COUNTERSIGNED

UNITED BANK OF GRAND JUNCTION

[redacted]

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

December 17, 1992

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

CERTIFIED MAIL
RETURN RECEIPT NO. P-667-241-927

Mr. Larry T. Campbell
Transwestern Pipeline Company
P.O. Box 1717
Roswell, New Mexico 88202-1717

RE: Fees for Discharge Plans
GW-90, GW-95, GW-109, GW-113, GW-89

Dear Mr. Campbell:

Pursuant to the New Mexico Water Quality Control Commission (WQCC) Regulation 3-114 "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". Every billable facility submitting a new discharge plan will be assessed a filing fee plus either a flat fee or discharge fee. Every billable facility submitting a discharge plan modification will be assessed a filing fee and the flat fee/discharge fee may be waived at the Director's discretion.

The discharge plans listed below were previously approved by the OCD Director. Our records show that the $50 filing fee has been paid, but the flat fee has not been paid. The flat fee for compressor stations with a maximum horsepower greater than 3000 is $1380. Please submit the flat fees for the following compressor stations or records showing that these fees have been paid.

Portales P-1 Compressor Station (GW-90)
Laguna Compressor Station (GW-95)
Carlsbad Compressor Station (GW-109)
Eunice Compressor Station (GW-113)

The flat fee for an approved discharge plan may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the discharge plan, with the first payment due at the time of approval.

In addition, the discharge plan modification for the Corona Compressor Station (GW-89) was approved by the Director on August 17, 1992. Our records show that a filing fee was not submitted with the application for modification. Please submit the $50 filing fee or records showing that the fee has been paid. The flat fee for the Corona Compressor Station discharge plan modification has been waived.

Please make all checks payable to: **NMED - Water Quality Management** and addressed to the OCD Santa Fe Office. If you have any questions, please do not hesitate to contact me at (505) 827-5884.

Sincerely,

Kathy M. Brown
Geologist

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

DRUG FREE

BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

December 17, 1992

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

Payment Approval

060	8500	999	161	5190
CO	MAJOR	SUB	DETAIL	RC

SUBLEDGER/WAREHOUSE # ____ VEHICLE #/STOCK SYMBOL ____

WORK ORDER ____ PROPERTY UNIT ____ COST CATEGORY ____

DESCRIPTION: WT-1 discharge plan fees

SIGNATURE D. B. Olpen DATE 12-29-92

CERTIFIED MAIL
RETURN RECEIPT NO. P-667-241-927

Mr. Larry T. Campbell
Transwestern Pipeline Company
P.O. Box 1717
Roswell, New Mexico 88202-1717

RE: Fees for Discharge Plans
GW-90, GW-95, GW-109, GW-113, GW-89

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The discharge plans listed below were previously approved by the OCD Director. Our records show that the $50 filing fee has been paid, but the flat fee has not been paid. The flat fee for compressor stations with a maximum horsepower greater than 3000 is $1380. Please submit the flat fees for the following compressor stations or records showing that these fees have been paid.

Portales P-1 Compressor Station (GW-90)
Laguna Compressor Station (GW-95)
Carlsbad Compressor Station (GW-109) WT-1
Eunice Compressor Station (GW-113)

The flat fee for an approved discharge plan may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the discharge plan, with the first payment due at the time of approval.

In addition, the discharge plan modification for the Corona Compressor Station (GW-89) was approved by the Director on August 17, 1992. Our records show that a filing fee was not submitted with the application for modification. Please submit the $50 filing fee or records showing that the fee has been paid. The flat fee for the Corona Compressor Station discharge plan modification has been waived.

Please make all checks payable to: **NMED - Water Quality Management** and addressed to the OCD Santa Fe Office. If you have any questions, please do not hesitate to contact me at (505) 827-5884.

Sincerely,

Kathy M. Brown
Geologist

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

May 5, 1992

Mr. Roger Anderson
Acting Bureau Chief
Environmental Bureau
Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Dear Mr. Anderson:

This responds to the notice of publication dated April 3, 1992, regarding the Oil Conservation Division discharge permit applications GW-109, GW-110, and GW-111 on fish, shellfish, and wildlife resources in New Mexico.

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

GW-109 - Transwestern Pipeline Company Carlsbad Compressor Station WT-1, NW 1/4, Section 31, T20S, R32E, Lea County, New Mexico.

GW-110 - Transwestern Pipeline Company Mountainair compressor Station No. 7, S 1/2, NE 1/4, Section 3, T1N, R6E, Torrance County, New Mexico.

GW-111 - Williams Field Services San Juan 32-8 No. 2 CDP Compressor Station, SE 1/4, NW 1/4, Section 27, T32N, R8W, San Juan County, New Mexico.

If you have any questions concerning our comments, please contact Laurie S. Shomo at (505) 883-7877.

Sincerely,

Jennifer Fowler-Propst
Field Supervisor

cc:
Director, New Mexico Department of Game and Fish, Santa Fe, New Mexico
Regional Director, U.S. Fish and Wildlife Service, Fish and Wildlife Enhancement, Albuquerque, New Mexico.

NOTICE OF PUBLICATION

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

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

(GW-109) — Transwestern Pipeline Company, Larry Campbell, Compliance Environmentalist, P.O. Box 1717, Roswell, New Mexico, 88202-1717, has submitted a discharge plan application for their Carlsbad Compressor Station WT-1 located in the NW¼, Section 31, Township 20 South, Range 32 East, NMPM, Lea County, New Mexico. Approximately 25 gallons per day of washdown water with a total dissolved solids concentration of approximately 2,100 mg/l is stored in an above ground steel tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 30 feet with a total dissolved solids concentration of approximately 1,500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-110) — Transwestern Pipeline Company, Larry Campbell, Compliance Environmentalist, P.O. Box 1717, Roswell, New Mexico, 88202-1717, has submitted a discharge plan application for their Mountainair Compressor Station No. 7 located in the S½ NE¼, Section 3, Township 1 North, Range 6 East, NMPM, Torrance County, New Mexico. Approximately 25 gallons per day of washdown water with a total dissolved solids concentration of approximately 2,100 mg/l is stored in an above ground steel tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 350 feet with a total dissolved solids concentration of approximately 2,800 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-111) — Williams Field Services, Robert Peacock, Project Manager, P.O. Box 58900, ''.S. 10368, Salt Lake City, .h 84158-0900, has submitted a discharge plan application for their San Juan 32-8 No. 2 CDP Compressor Station located in the SE¼ NW¼, Section 27, Township 32 North, Range 8 West, NMPM, San Juan County, New Mexico. Approximately 5 gallons per day of washdown water with a total dissolved solids concentration of approximately 1,100 mg/l is stored in an above ground steel tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 320 feet with a total dissolved solids concentration of approximately 335 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fé, New Mexico, on this 3rd day of April, 1992.

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

SEAL

To be published one time in the Torrance County Citizen on April 9, 1992.

THE CITIZEN

P.O. BOX 288
ESTANCIA, NEW MEXICO 87016-0288

EDITOR'S AFFIDAVIT

STATE OF NEW MEXICO)
)
COUNTY OF TORRANCE)

Before me, the undersigned, personally appeared James Morrow Hall, who being sworn, states:
That he is the editor of the TORRANCE COUNTY CITIZEN, a weekly newspaper of general circulation, which is entered under the second class privilege in Torrance County, New Mexico, continuously and uninterruptedly during the period of more than twenty-six consecutive weeks next prior to the first issue containing the attached legal notice; that the notice attached hereto in Cause No. Notice of Publication in the Court in and for Torrance County, New Mexico, was published in said newspaper for 1 consecutive issues, the first publication being dated April 9, 19 92, and the last publication being dated April 9, 19 92; that such legal notice was published in a newspaper duly qualified for that purpose within the meaning of Chapter 167, New Mexico Session Laws of 1937; and that payment therefor in the sum of $53.81 is to be assessed as court costs in said cause.

James Morrow Hall
EDITOR

Subscribed and sworn to before me this 20th day of April, 19 92.

Cynthia Doyal
Notary Public

My commission expires: Oct. 17, 1994.

Affidavit of Publication

State of New Mexico,
County of Eddy, ss.

E. C. Cantwell, being first duly sworn, on oath says:

That he is publisher of the Carlsbad Current-Argus, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the state wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

APRIL 13 , 19 92

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that the cost of publication is $ 53.25 , and that payment thereof has been made and will be assessed as court costs.

E C Cantwell

Subscribed and sworn to before me this

13 day of APRIL , 19 92

Donella Taylor

My commission expires 6/01/92

Notary Public

April 13, 1992

NOTICE OF PUBLICATION

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

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

(GW-109) - Transwestern Pipeline Company, Larry Campbell, Compliance Environmentalist, P.O. Box 1717, Roswell, New Mexico, 88202-1717, has submitted a discharge plan application for their Carlsbad Compressor Station WT-1 located in the NW/4, Section 31, Township 20 South, Range 32 East, NMPM, Lea County, New Mexico. Approximately 25 gallons per day of washdown water with a total dissolved solids concentration of approximately 2100 mg/1 is stored in an above ground steel tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 30 feet with a total dissolved solids concentration of approximately 1500 mg/1. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-110) - Transwestern Pipeline Company, Larry Campbell, Compliance Environmentalist, P.O. Box 1717, Roswell, New Mexico, 88202-1717, has submitted a discharge plan application for their Mountainair Compressor Station No. 7 located in the S/2 NE/4, Section 3, Township 1 North, Range 6 East, NMPM, Torrance County, New Mexico. Approximately 25 gallons per day of washdown water with a total dissolved solids concentration of approximately 2100 mg/1 is stored in an above ground steel tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 350 feet with a total dissolved solids concentration of approximately 2600 mg/1. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

N° 13920

(GW-111) - Williams Field Services, Robert Peacock, Project Manager, P.O. Box 58900, M.S. 10368, Salt Lake City, Utah 84158-0900, has submitted a discharge plan application for their San Juan 32-8 No. 2 CDP Compressor Station, located in the SE/4 NW/4, Section 27, Township 32 North, Range 8 West, NMPM, San Juan County, New Mexico. Approximately 5 gallons per day of washdown water with a total dissolved solids concentration of approximately 1100 mg/1 is stored in an above ground steel tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 320 feet with a total dissolved solids concentration of approximately 335 mg/1. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 3rd day of April, 1992.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

AFFIDAVIT OF PUBLICATION

No. 29267

STATE OF NEW MEXICO,
County of San Juan:

CHRISTINE HILL being duly sworn, says: "That she is the NATIONAL AD MANAGER of The Farmington Daily Times, a daily newspaper of general circulation published in English in Farmington, said county and state, and that the hereto attached LEGAL NOTICE

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

First Publication WEDNESDAY, APRIL 8, 1992

Second Publication _____

Third Publication _____

Fourth Publication _____

and the cost of publication was $ 58.27

Christine Hill

Subscribed and sworn to before me this 17th day of APRIL, 1992.

Connie Andras

Notary Public, San Juan County, New Mexico

My Comm expires: JULY 3, 1993

COPY OF PUBLICATI

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

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

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 3rd day of April, 1992.

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

SEAL

Legal No 29267 published in the Farmington Daily Times, Farmington, New Mexico on Wednesday, April 8, 1992.

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

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

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STATE OF NEW MEXICO
County of Bernalillo ss

OIL CONSER.. ..ON DIVISI
RECEIVED
'92 APR 27 AM 9 19

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

for 1 times, the first publication being on the 15 day

of Apr, 1992, and the subsequent consecutive

publications on ....., 1992.

Thomas J. Smithson

Sworn and subscribed to before me, a Notary Public in and for the County of Bernalillo and State of New Mexico, this 15 day of Apr, 1992.

Bernadette Ortiz

PRICE $ 38.83

Statement to come at end of month.

ACCOUNT NUMBER C81184

12-18-93

CLA-22-A (R-12/92)

NOTICE OF PUBLICATION

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

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 3rd day of April, 1992.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

William J. LeMay

S E A L

WILLIAM J. LEMAY, Director

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 3/9/92,
or cash received on 3/11/92 in the amount of $ 50.00
from Transwestern Pipeline Co
for Carlsbad Compressor Sta. GW-109
(Facility Name) (DP No.)
Submitted by: Roger Anderson Date: 3/11/92
Submitted to ASD by: _____ Date: _____
Received in ASD by: Dorothy C. Montoya Date: 3/11/92

Filing Fee X New Facility ____ Renewal ____

Modification ____ Other _____
(specify)

Organization Code 521.07 Applicable FY 80

To be deposited in the Water Quality Management Fund.

Full Payment ____ or Annual Increment ____

CHECK NO. [redacted]

TRANSWESTERN PIPELINE COMPANY
P.O. BOX 1188
HOUSTON, TEXAS 77251-1188

DATE OF CHECK
MARCH 9, 1992

ENRON CORP

PAY EXACTLY FIFTY DOLLARS AND NO/100 - - - - - DOLLARS $50.00
This check is VOID unless printed on BLUE background

PAY TO THE ORDER OF
MR. ROGER ANDERSON
NEW MEXICO OIL CONSERVATION DIVISION
P.O. BOX 2088
SANTA FE, NEW MEXICO

W. B. Alger

NOT VALID OVER $5,000 UNLESS COUNTERSIGNED

UNITED BANK OF GRAND JUNCTION

[redacted]

Transwestern Pipeline Company
TECHNICAL OPERATIONS
P. O. Box 1717 • Roswell, New Mexico 88202-1717

Phone (505) 623-2761
FAX (505) 625-8060

March 9, 1992

Mr. Roger Anderson
New Mexico Oil Conservation Division
P.O. Box 1188
Santa Fe, New Mexico

Re: Filing Fee

The filing fee of fifty (50) dollars is inclosed for the listed Discharge Plan Application that is being submitted to the Oil Conservation Division.

Discharge Plan Application
Transwestern Pipeline Company
Carlsbad Compressor Station No. WT-1
Lea County, New Mexico

If you have questions or if additional information is needed, let us know.

Sincerely

Larry T. Campbell
Compliance Environmentalist

LTC/EEC

cc: file

CHECK NO.

REMITTANCE STATEMENT

VOUCHER NO.	INVOICE DATE	INVOICE NUMBER	PURCHASE ORDER	AMOUNT		
				GROSS	DISCOUNT	NET
	3/9/92	05				

Special Instructions

DISCHARGE PLAN APPLICATION - WT-1

P. O. BOX 1188, HOUSTON,TEXAS 77251-1188

DETACH STATEMENT BEFORE DEPOSITING. ENDORESMENT OF CHECK ATTACHED ACKNOWLEDGES PAYMENT IN FULL OF ALL ITEMS SHOWN ABOVE. IN CASE OF ERROR OR OMISSION RETURN BOTH CHECK AND STATEMENT

011-E1151 12/88

Phone (505) 623-2761
FAX (505) 625-8060

Transwestern Pipeline Company
TECHNICAL OPERATIONS
P. O. Box 1717 • Roswell, New Mexico 88202-1717

March 9, 1992

Mr. Roger Anderson
New Mexico Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico

Re: Discharge Plan Application
Transwestern Pipeline Company
Carlsbad Compressor Station WT-1
Lea County, New Mexico

Dear Mr. Anderson;

The discharge plan application for the above referenced facility is being presented to your agency on behalf of Transwestern Pipeline Company. if you require any additional information or clarification, please contact me at (505) 625-8022.

I. General Information

A. Discharger/Leagally Responsible Party

Name: Transwestern Pipeline Company
Carlsbad Compressor Station
Attn: Bob Anderson

Address: Hobbs District Office
2626 West Marland
Hobbs, New Mexico 88240
(505) 397-6000

B. Local Representative or Contact Person

Mr. Merlyn Coffman, Compression Supervisor

c. Location of Discharge

Legal Description: Township 20 South, Range 32 East, Northwest 1/4 of Section 31, Lea County, New Mexico.

A state of New Mexico map of the immediate site vacinity and a plot plan showing location of discharge, compressor station equipment and other site information required below are attached in APPENDIX A.

Note: All onsite routine operational discharges are to sumps or an above-ground tank with subsequent transfer offsite by an appropriate disposal company. No onsite discharges are intentionally allowed to enter surface waters or groundwater.

D. Type of Natural Gas Operation

This mainline compressor station provides compression for the transmission of natural gas in the Transwestern system. It receives natural gas through a 24" transmission line and a 16" and 8" lateral then compresses the gas north to Transwestern Pipeline Compressor Station 9, Roswell, New Mexico.

E. Copies

Three copies of the discharge plan application are enclosed.

F. Affirmation

I hereby certify that I am familiar with the information contained in and submitted with the application and that such information is true, accurate and complete to the best of my knowledge and belief.

Sincerely,

Larry Campbell/EC

Larry T. Campbell
Compliance Environmentalist

LTC/EEC

3 copies

cc: Merlin Coffman w/attach
Bob Anderson w/o attach
Doc Alpers w/o attach
File w/attach

II. Plant Facilities

A. Sources and Quantities of Effluent and Plant Fluids
For each source, primary quality type (e.g., high TDS water, hydrocarbons, washwater, sewage), estimated quantities, and major additives, if any are provided.

1. Scrubbers: The incoming gas stream to this facility does contain few liquids in the form of natural gas pipeline liquids. These entrained liquids are then removed by the operation of the three (3) onsite inlet scrubbers and one (1) filter seperator then collected in a 500 bbl. pipeline liquids tank. Liquids which are received during pigging operations are temporarily collected in a 400 gallon sump and transferred to a mist extractor which then directs the pipeline liquids to the 500 bbl. pipeline liquids tank. Ten (10) gallons/day of pipeline liquids is collected by this system.

2. Engines and cooling waters: The engine and cooling water stream is collected and reclaimed for reuse.

3. Domestic Sewage: Sewage is directed to the onsite septic tanks. The effluent from the tanks is then directed to distribution boxes and then to the leech fields. There are three leech fields located on the station property. A small leech fields services the shop restroom and shower while two leech fields services five domestic residences, four houses on one leech field and the other one residence having it's separate leech field. These septic systems are completely separate from the operational practices at this facility.

4. Engine Wash Down Water and Floor Drains: Wastewater collected from cleaning and washdown operations are directed to a series of floor drains and collected into a 50 bbl. sump. The effluent is then pumped to a 300 bbl. oily waste water tank. Only approved biodegradable solvents (i.e. epa 2000) are used in this process. The liquids stored in the 210 bbl. tank are tested for H.W. characterization prior to being removed by a wastewater hauler for proper disposal. There are no other waste streams which presently enter this system. Truck washing operations are not performed at this facility. Five (5) gallons/day of oily waste water is collected by this system.

5. Waste engines Oils: lubricative oil changeouts from the three Copper Bessemer and the two auxiliary generators are collected into a dedicated sump and into a 210 bbl. used oil tank. Prior to removal from this facility samples are analyzed from the tank for proper recycling or recovered as boiler fuel makeup.

6. Oily-Glycol Mixture Tank: This is collected in a 1500 gallon tank and is for use when glycol and oil are mixed due to mechanical problems to prevent contamination of the used oil tank and/or the oily waste water tank.

7. Dehy-Condensate: The inlet gas from the 8" and 16" laterals is dehydrated prior to compression into the main transmission line. The condensate collected from the dehy (3 glycol units) is stored in a cistern.

   Chemical materials stored onsite in excess of 55 gallons may include: gear and engine oil, ethylene glycol, methanol, gasoline, diesel, biodegradable soap and solvent, steam cleaner degreaser.

B: Quality Characteristics

Characteristics of the individual waste streams are as follows: all waste streams have been separated and are segregated into dedicated sumps and tanks.

1. Pipeline Liquids: The natural gas pipeline condensate annual sampling results are presented in APPENDIX B. This material is marketed for burner fuel or incinerated as a hazardous waste dependant upon results of the sampling performed.

2. Engine Cooling Water: Coolant consists of a pre-mixed solution of ambitrol and water. MSDS information is attached in APPENDIX C.

3. Used Engine Oil: Prior to removal from the facility for recycling, this material is sampled as per 40 CFR 266.

4. Floor Drains: Floor drains which collect washdown cleaning water and engine or engine parts degreasing is directed to a steel sump outside the engine room. From there, the wastewater is directed to the 500 bbl. oily waste water tank where the tank liquids are sampled and appropriately disposed. (see APPENDIX D.)

5. Dehy Condensate: The liquids removed from the gas stream by the dehy's is collected in a cistern and sampled and appropriately disposed. APPENDIX E

C. Transfer and Storage of Fluids and Effluent

1. Water and wastewater plan schematics are not applicable because no individual water treatment units exist. Liquid wastes are not discharged onsite. All liquid wastes are temporarily stored in sumps and tanks until they are transferred offsite.

2. Potential surface and groundwater contaminants, which may be discharged within the compressor station would be associated with sumps, above ground storage tanks and connecting ground pipes. Sumps and tanks are inspected weekly and monthly. All tanks have been engineered to be usually inspected for tank leakage and contained in concrete secondary containment which complies with the OCD requirement for 130 % containment storage.

   a. Pipeline liquids tank - 500 bbl. capacity , steel walled; contains liquids received from scrubber, mist extractor and pig receiver. Liquids are removed from the tank at each 90 day interval for offsite disposal dependant upon characteristic sampling of the liquids collected.

   b. Oily wastewater tank -300 bbl. capacity, steel walled; contains liquids received from sumps associated with engine washdown, parts cleaning. Liquids are sampled prior to removal.

   c. Used lubrication oil storage tank- 210 bbl. capacity, steel walled; contains used crankcase and gear oil. Liquids are sampled prior to removal.

   d. Oil storage tanks - Two and one-half tanks, 12000 gallon capacity each, containing citco pacemaker 1000.

   e. Gear oil tank - One tank, with bulkhead in middle. Lube oil capacity is 6000 gallons and pacemaker 68 gear oil is 6000 gallons.

   f. Oily/glycol tank - One tank, 1500 gal. capacity , steel walled. contains oil/glycol mixture. Hasn't been required for use at present time.

g. Dehy-condensate tank - 500 gal. capacity, fiberglass walled; contains liquids removed from the gas stream by the dehy units. Liquids sampled prior to removal.

3. Underground wastewater pipes, their age and specification (i.e., wall thickness, fabrication material), are:

a. All underground pipes are designed and constructed according to Transwestern's specification They are made of coated steel and connected to the facility rectifier system for corrosion control. The existing underground pipes were installed in 1960.

D. Spill/Leak Prevention and Housekeeping Procedures

1. SPCC Plan: Procedures addressing spill containment and cleanup, including proposed schedule for OCD notification of spills will be described in the facility's contingency plan (SPCC). This document is in preparation and will be submitted to the OCD as it is finalized. Disposition of the liquid materials is as follows:

a. Pipeline liquids and rainwater:

Enron Oil Trading and Transportation (EOTT)
P.O. Box 2297
Midland, Texas 79702
(915) 687-0783

Rollins Environmental Services
P.O. Box 609
Deer Park, Texas 77536
(713) 930-2300

b. Oily wastewater:

Mesa Oil Co.
4701 Broadway SE
Albuquerque, New Mexico 87105
(505) 877-8855

Enron Oil Trading and Transportation
P.O.Box 2297
Midland, Texas 79702
(915) 687-0783

c. Used lubrication and gear oil:

Mesa Oil Co.
4701 Broadway SE
Albuquerque, New Mexico 87105
(505) 877-8855

d. Used filters:

Waste Management of Southeast New Mexico
2608 Lovington Highway
Hobbs, New Mexico 88240
(505) 392-6571

e. Other solid waste:

Waste Management of Southeast New Mexico
2608 Lovington Highway
Hobbs, New Mexico
(505) 392-6571

2. Housekeeping: Precipitation runoff is directed from the station facility. Cleanup and remediation of minor oil releases is addressed in section IIb1. Information on curbs, berms, drains and secondary containment are discussed in section IIC2, IVC2 and IID1, respectively.

3. Leak Detection: All aboveground tank systems are visually inspected weekly to detect leaks and ensure tank integrity. Visual sump inspections are performed on an annual basis.

4. Well System: The compressor station presently receives their potable water from the City of Carlsbad.

IV. SITE CHARACTERISTICS

a. Site Features

The approximate forty acre site is presently fenced and lighted for security measures. There is approximately 15 feet of relief across the extent of the property, sloping towards the northeast. Major buildings present on the site include five (5) company residential houses, office, maintenance and workshop, compressor building, product and storage tanks and containment.

The closest existing residential development is the town of Carlsbad, New Mexico located 25 miles to the west.

1. Geology: The facility is physiographically in the Querecho Plains, a vast sand dune area. The land slopes gently to the northeast but generally has no drainage features. The sand cover in the facility vicinity is thin. Quaternary alluvium is the surface sediment present. Triassic rocks of the area underlie the alluvium and consist chiefly of a sequence of red beds, the Dockum group. The Dockum Group is diverible into the Santa Rose Sandstone and overlying Chinle Formation. The Santa Rose Sandstone is a fine-to-coarse grained sandstone, ranging in thickness from 140 feet to more than 300 feet. This formation is exposed just to the southwest of the facility. The regional dip of the Santa Rosa Sandstone is less than one degree to the east and south. The Chinle Formation is absent in the local area.

2. Soils: Two soils are present at the facility; Kimbrough gravelly loam and Seimona fine sandy loam. The Kimbrough soil is well drained and overlies indurated caliche at a depth of 6 to 20 inches. The soil is found in wind-deposited and water-deposited sediment. It is moderately permeable, with moderate water intake, and 1 to 2 inches of available water holding capacity. The Simona soil is well drained and formed in wind-work calcareous sediment over fractured caliche. Premeability is moderately rapid. Water intake is rapid, and the water holding capacity is 1 to 3 inches.

3. Vegetation: The vegetation of the area is typical for the climate and site aspect present at the facility. The potential plant community on this unit is short and mid grasses and shrubs.

A. Hydrologic features

1. Bodies of Water: There are no bodies of water located within the vacinity of the facility.

2. Depth to Groundwater: The Santa Rosa Sandstone is the principal aquifer in the facility vicinity. The formation is recharged by precipitation on the sand dunes, by precipitation and runoff directly on the formation outcrop, and probably by ground water flow from the overlying alluvium. The water table gradient is locally to the east. Depth to water is in the order of 90 feet.
Groundwater is secondarily derived from the Quaternary Alluvium, but there may not be continuous saturated zone in the general area. The saturated thickness of the sediment in the Quaternary fill ranges from 15 to 30 feet and water levels are about 30 feet below the land surface. Based on records available at the N.M. State Engineer Office and N.M. Bureau of Mines, approximately 35 wells are present within a 10 mile radius of the site.

3. Water Chemistry: Potable water for the facility is received from the City of Carlsbad water system.

C. Flood Protection

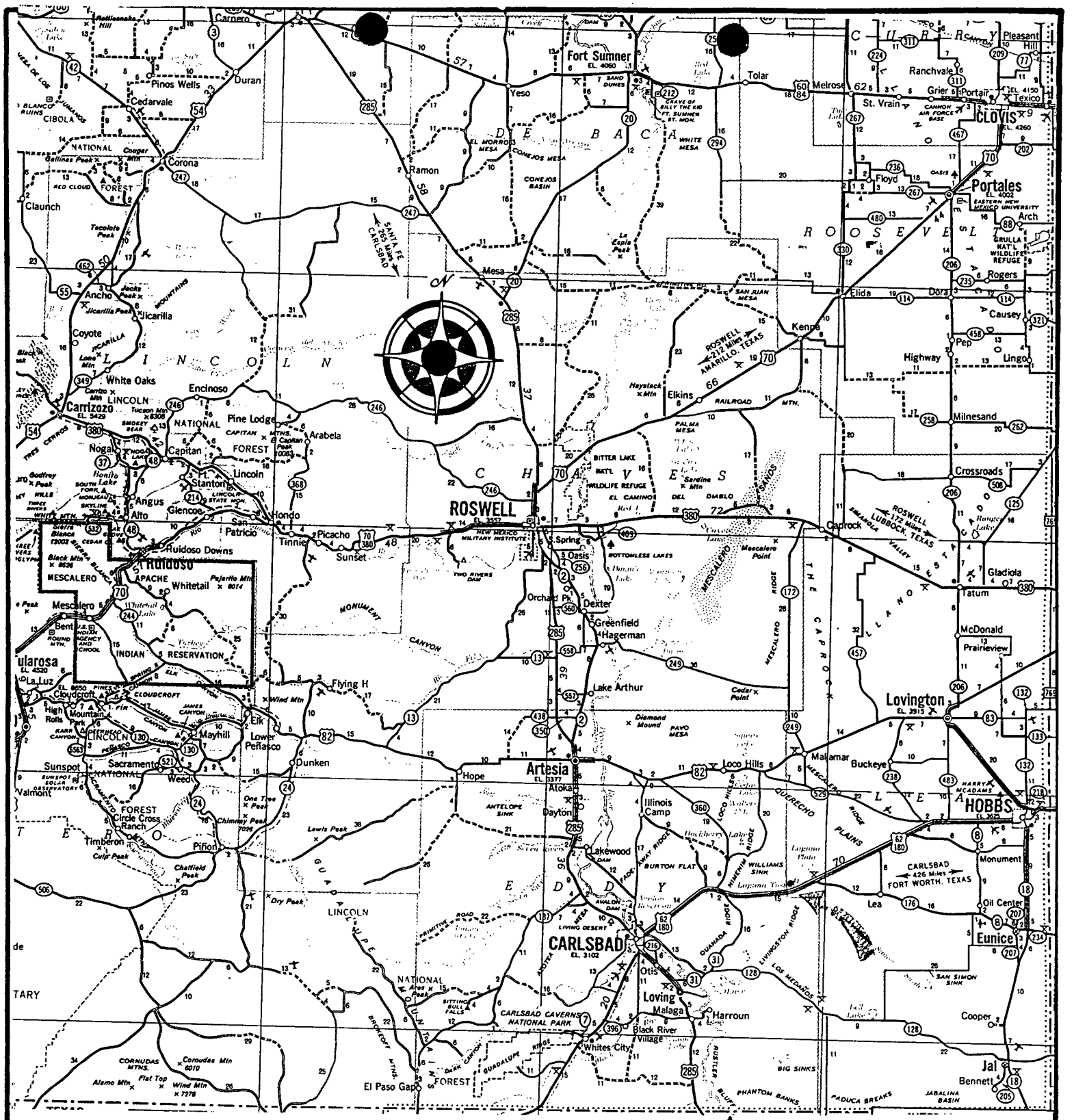
1. Flood Potential: There is no known record or indication of flooding onsite.

2. Flood Protection: Curbs, berms and culverts have been constructed.

V. ADDITIONAL INFORMATION

To be provided as requested.

APPENDIX A

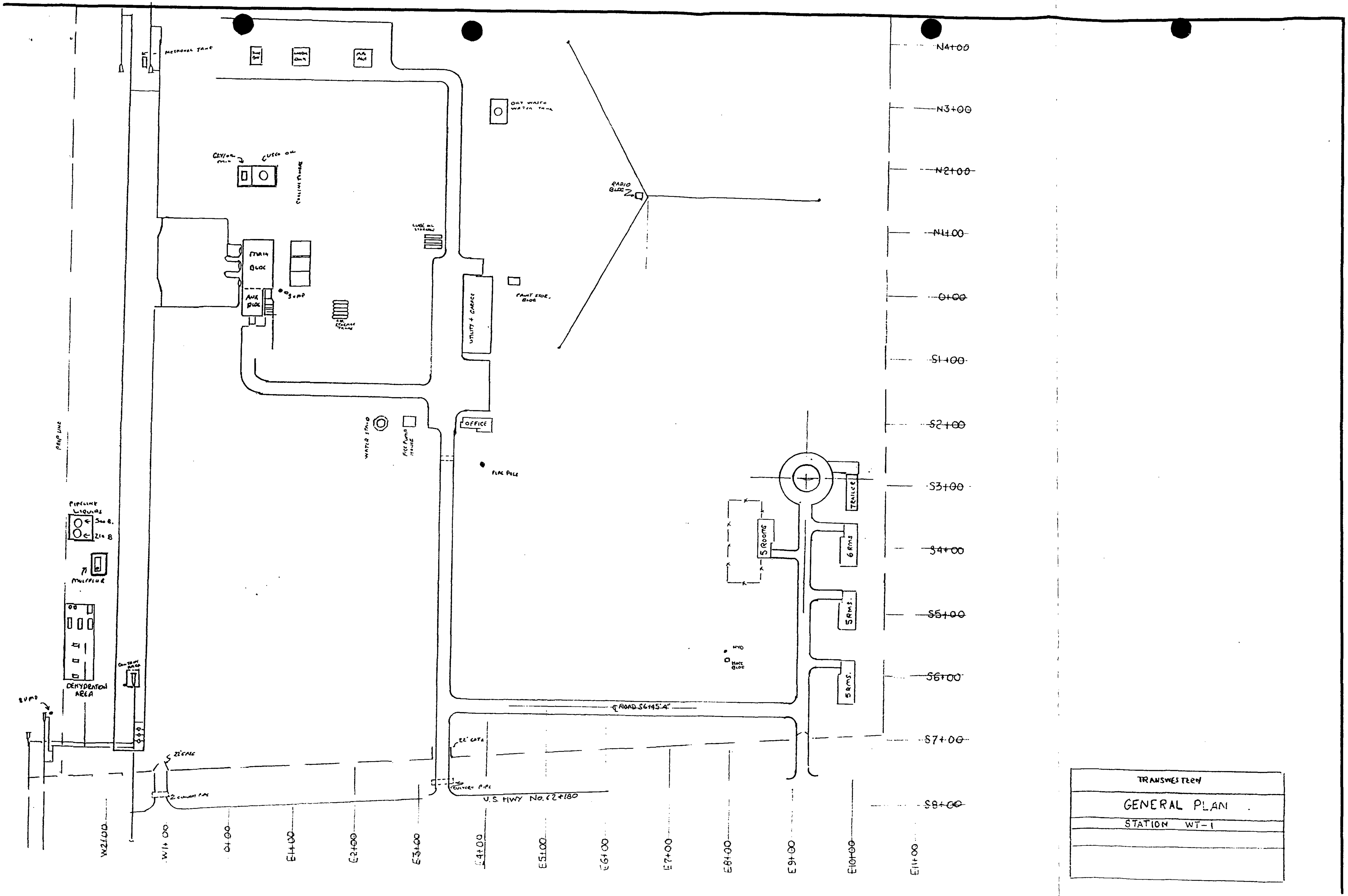


TRANSWESTERN PIPELINE COMPANY

STATION WT-1

CARLSBAD, NEW MEXICO

DATE:	SCALE:
DRAWN BY	APPROVED
CHECKED BY	BOOK NO.
APPROVED	DRAWING NO.


TRANSWESTERN
GENERAL PLAN
STATION WT-1
N4+00
N3+00
N2+00
N1+00
0+00
S1+00
S2+00
S3+00
S4+00
S5+00
S6+00
S7+00
S8+00
W2+00
W1+00
0+00
E1+00
E2+00
E3+00
E4+00
E5+00
E6+00
E7+00
E8+00
E9+00
E10+00
E11+00
MAIN BLDG
AUX BLDG
SUMP
UTILITY + GARAGE
OFFICE
RADIO BLDG
PAINT STOR. BLDG
OILY WASTE WATER TANK
WATER STAND
FIRE PUMP HOUSE
FLAG POLE
TRAILER
5 Rooms
6 Rms
5 Rms.
5 Rms.
PIPELINE LIQUIDS
MUFFLER
DEHYDRATION AREA
PUMP
ROAD S6+45 "A"
U.S. HWY No. 62+180
CULVERT PIPE
20' GATE
20' GATE

APPENDIX B

TEST RESULTS BY SAMPLE

Sample: 01A WT-1 RECEIVER **Collected:**

Test Description	Result	Limit	Units	Analyzed	By
BENZENE,TOLUENE,EBENZ,XYLE		0.1			
BENZENE	<0.1	0.1	MG/KG	10/04/91	DD
TOLUENE	<0.1	0.1	MG/KG	10/04/91	DD
ETHYL BENZENE	<0.1	0.1	MG/KG	10/04/91	DD
XYLENES	<0.1	0.1	MG/KG	10/04/91	DD
TCLP METALS					
ARSENIC	0.010	0.005	MG/L		JC
BARIUM	<0.50	0.50	MG/L		JC
CADMIUM	0.015	0.003	MG/L		JC
CHROMIUM	<0.02	0.02	MG/L		JC
LEAD	<0.10	0.10	MG/L		JC
MERCURY	0.0006	0.0002	MG/L		JC
SELENIUM	<0.005	0.005	MG/L		JC
SILVER	<0.010	0.010	MG/L		JC
TCLP ORGANICS ENRON LIST					
BENZENE	<0.02	0.02	MG/L	10/07/91	SS
CARBON TETRACHLORIDE	<0.02	0.02	MG/L	10/07/91	SS
CHLOROBENZENE	<0.02	0.02	MG/L	10/07/91	SS
CHLOROFORM	<0.02	0.02	MG/L	10/07/91	SS
1,2-DICHLOROETHANE	<0.02	0.02	MG/L	10/07/91	SS
1,1-DICHLOROETHYLENE	<0.02	0.02	MG/L	10/07/91	SS
METHYL ETHYL KETONE	<0.02	0.02	MG/L	10/07/91	SS
TETRACHLOROETHYLENE	<0.02	0.02	MG/L	10/07/91	SS

Test Description	Result	Limit	Units	Analyzed	By
TRICHLOROETHYLENE	<0.02	0.02	MG/L	10/07/91	SS
VINYL CHLORIDE	<0.02	0.02	MG/L	10/07/91	SS
O-CRESOL	<0.001	0.001	MG/L	10/07/91	SS
M-CRESOL	<0.001	0.001	MG/L	10/07/91	SS
P-CRESOL	<0.001	0.001	MG/L	10/07/91	SS
1,4-DICHLOROBENZENE	<0.001	0.001	MG/L	10/07/91	SS
2,4-DINITROTOLUENE	<0.001	0.001	MG/L	10/07/91	SS
HEXACHLOROBENZENE	<0.001	0.001	MG/L	10/07/91	SS
HEXACHLORO-1,3-BUTADIENE	<0.001	0.001	MG/L	10/07/91	SS
HEXACHLOROETHANE	<0.001	0.001	MG/L	10/07/91	SS
NITROBENZENE	<0.001	0.001	MG/L	10/07/91	SS
PENTACHLOROPHENOL	<0.001	0.001	MG/L	10/07/91	SS
PYRIDINE	<0.001	0.001	MG/L	10/07/91	SS
2,4,5-TRICHLOROPHENOL	<0.001	0.001	MG/L	10/07/91	SS
2,4,6-TRICHLOROPHENOL	<0.001	0.001	MG/L	10/07/91	SS
Surrogates					
NITROBENZENE-d5		Min:	Max:		
2-FLUOROBIPHENYL		Min:	Max:		
TERPHENYL-d14		Min:	Max:		
PHENOL-d5		Min:	Max:		
2-FLUOROPHENOL		Min:	Max:		
TOTAL REC PET HYDROCARBONS	3000	5.0	MG/KG	10/04/91	PV

APPENDIX C

MATERIAL SAFETY DATA SHEET

DOW CHEMICAL U.S.A. MIDLAND, MICHIGAN 48674 EMERGENCY (517) • 636 • 4400

PRODUCT NAME: AMBITROL (R) FL 50 COOLANT

Effective Date: 06/08/90 Date Printed: 06/27/90 MSDS:000584

1. INGREDIENTS: (% w/w, unless otherwise noted)

Ethylene Glycol	CAS# 000107-21-1	47-55%
Diethylene Glycol	CAS# 000111-46-6	<3%
Water	CAS# 007732-18-5	<50%
Dipotassium phosphate	CAS# 007758-11-4	<5%

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). In addition, other substances not 'Hazardous' per this OSHA Standard may be listed. Where proprietary ingredient shows, the identity may be made available as provided in this standard.

2. PHYSICAL DATA:

BOILING POINT: 229F, 109C
VAP. PRESS: Approx. 2.5 mmHg @ 20C
VAP. DENSITY: Not applicable
SOL. IN WATER: Completely miscible
SP. GRAVITY: 1.084 @ 60/60F, 16C
APPEARANCE: Red liquid.
ODOR: Information not available.

3. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT: None
METHOD USED: PMCC

FLAMMABLE LIMITS
LFL: Not applicable.
UFL: Not applicable.

EXTINGUISHING MEDIA: Water fog, carbon dioxide, dry chemical.

FIRE & EXPLOSION HAZARDS: After 50% of the initial volume has

(Continued on Page 2)

3. FIRE AND EXPLOSION HAZARD DATA: (CONTINUED)

evaporated, the residual solution will burn at temperatures above 290F when exposed to an ignition source.

FIRE-FIGHTING EQUIPMENT: Wear positive-pressure, self-contained breathing apparatus.

4. REACTIVITY DATA:

STABILITY: (CONDITIONS TO AVOID) Not considered to be a problem under normal storage conditions.

INCOMPATIBILITY: (SPECIFIC MATERIALS TO AVOID) Oxidizing material

HAZARDOUS DECOMPOSITION PRODUCTS: After water has volatilized, burning will produce carbon monoxide, carbon dioxide, and water.

HAZARDOUS POLYMERIZATION: Will not occur.

5. ENVIRONMENTAL AND DISPOSAL INFORMATION:

ACTION TO TAKE FOR SPILLS/LEAKS: Small spills: Cover with absorbent material, soak up and sweep into drums for disposal. Large spills: Dike around spill and pump into suitable containers for disposal or reprocessing.

DISPOSAL METHOD: Burn in approved incinerator in accordance with local, state, and federal regulations.

(Continued on Page 3)

6. HEALTH HAZARD DATA:

EYE: Essentially nonirritating to eyes. Vapors or mists may irritate eyes.

SKIN CONTACT: Prolonged or repeated exposure not likely to cause significant skin irritation. May cause more severe response if skin is abraded (scratched or cut).

SKIN ABSORPTION: A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts. The dermal LD50 has not been determined. Repeated skin exposure to large quantities may result in absorption of harmful amounts.

INGESTION: Excessive exposure may cause central nervous system effects, cardiopulmonary effects (metabolic acidosis), and kidney failure. Amounts ingested incidental to industrial handling are not likely to cause injury; however, ingestion of larger amounts could cause serious injury, even death. The oral LD50 for rats is 8200 mg/kg. Single oral dose toxicity is expected to be moderate to humans even though tests with animals show a lower degree of toxicity.

INHALATION: At room temperature, exposures to vapors are minimal due to low vapor pressure. If heated or sprayed as an aerosol, concentrations may be attained that are sufficient to cause irritation and other effects.

SYSTEMIC & OTHER EFFECTS: Excessive exposure may cause irritation to upper respiratory tract. Observations in animals include formation of bladder stones after repeated oral doses of diethylene glycol. Observations in animals include kidney and liver effects and deposition of calcium salts in various tissues after long-term dietary intake of ethylene glycol. Based on data from long-term animal studies, diethylene glycol is not believed to pose a carcinogenic risk to man. Ethylene glycol did not cause

(Continued on Page 4)

6. HEALTH HAZARD DATA: (CONTINUED)

cancer in long-term animal studies. Based on animal studies, ingestion of very large amounts of ethylene glycol appears to be the major and possibly only route of exposure to produce birth defects. Exposures by inhalation (tested nose-only in animals to prevent ingestion) or skin contact, the primary routes of occupational exposure, had minimal or essentially no effect on the fetus. Birth defects are unlikely from exposure to diethylene glycol. Exposures having no adverse effects on the mother should have no effect on the fetus. Diethylene glycol has not interfered with reproduction in animal studies. In studies on rats, ethylene glycol has been shown not to interfere with reproduction. In studies on mice, ingestion of ethylene glycol in large amounts caused a small decrease in the number of litters/pair, live pups/litter, and in live pup weight. Results of in vitro (test tube) mutagenicity tests have been negative.

7. FIRST AID:

EYES: Irrigate immediately with water for at least 5 minutes.

SKIN: Wash off in flowing water or shower.

INGESTION: If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything to an unconscious person.

INHALATION: Remove to fresh air if effects occur. Consult a physician.

NOTE TO PHYSICIAN: Consult standard literature. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient. In the treatment of intoxication by ethylene glycol, the use of ethanol, hemodialysis and

(Continued on Page 5)

7. FIRST AID: (CONTINUED)

intravenous fluids to control acidosis should be considered. N. Eng. J. Med. 304:21 1981. If burn is present, treat as any thermal burn, after decontamination.

8. HANDLING PRECAUTIONS:

EXPOSURE GUIDELINE(S): ACGIH TLV is 50 ppm ceiling for ethylene glycol.

VENTILATION: Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.

RESPIRATORY PROTECTION: Atmospheric levels should be maintained below the exposure guideline. When respiratory protection is required for certain operations, use an approved air-purifying respirator.

SKIN PROTECTION: Use impervious gloves when prolonged or frequently repeated contact could occur.

EYE PROTECTION: Use safety glasses. If vapor exposure causes eye discomfort, use a full-face respirator.

9. ADDITIONAL INFORMATION:

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid skin and eye contact. Avoid ingestion. Avoid breathing vapors or mists.

Trace quantities of ethylene oxide (EO) may be present in this product. While these trace quantities could accumulate in headspace areas of storage and transport vessels, they are not

(Continued on Page 6)

9. ADDITIONAL INFORMATION: (CONTINUED)

expected to create a condition which will result in EO concentrations greater than 0.5 ppm (8 hour TWA) in the breathing zones of the workplace for appropriate applications. OSHA has established a permissible exposure limit of 1.0 ppm 8 hr TWA for EO. (Code of Federal Regulations Part 1910.1047 of Title 29)

MSDS STATUS: Revised section 9 and regsheet.

SARA 313 INFORMATION:
This product contains the following substances subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

CHEMICAL NAME	CAS NUMBER	CONCENTRATION
ETHYLENE GLYCOL	000107-21-1	47 -55 %

CHEMICAL NAME	CAS NUMBER	CONCENTRATION
ETHYLENE GLYCOL	000107-21-1	47 -55 %

APPENDIX D

ASSAIGAI
ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

TEST RESULTS BY SAMPLE

Sample: 02A WT-1 OILY WASTE WATER 014 Collected: 12/09/91 13:10

Test Description	Result	Limit	Units	Analyzed	By
TCLP F SERIES ENRON LIST#2					
METHYLENE CHLORIDE	<0.5	0.5	MG/L	12/18/91	DD
1,1,1-TRICHLOROETHANE	<0.5	0.5	MG/L	12/18/91	DD
TRICHLORO-TRIFLUOROETHANE	<0.5	0.5	MG/L	12/18/91	DD
ORTHO-DICHLOROBENZENE	<0.5	0.5	MG/L	12/18/91	DD
TRICHLOROFLUOROMETHANE	<0.5	0.5	MG/L	12/18/91	DD
XYLENE	6.3	0.5	MG/L	12/18/91	DD
ACETONE	<10	10	MG/L	12/18/91	DD
ETHYL ACETATE	<10	10	MG/L	12/18/91	DD
ETHYL BENZENE	0.85	0.5	MG/L	12/18/91	DD
ETHYL ETHER	<0.5	0.5	MG/L	12/18/91	DD

Test Description	Result	Limit	Units	Analyzed	By
METHYL ISOBUTYL KETONE	<0.5	0.5	MG/L	12/18/91	DD
n-BUTYL ALCOHOL	<10	10	MG/L	12/18/91	DD
CYCLOHEXANONE	<0.5	0.5	MG/L	12/18/91	DD
METHANOL	<10	10	MG/L	12/18/91	DD
TOLUENE	2.2	0.5	MG/L	12/18/91	DD
ISOBUTANOL	<10	10	MG/L	12/18/91	DD
Surrogates					
4-BROMOFLUOROBENZENE	105	Min: 86	Max: 115		
1,2-DICHLOROETHANE-d4	40 Q	Min: 76	Max: 114		
TOLUENE-d8	95	Min: 88	Max: 110		
TCLP ORGANICS ENRON LIST#2					
BENZENE	<0.5	0.5	MG/L	12/19/91	DD
CARBON TETRACHLORIDE	<0.5	0.5	MG/L	12/19/91	DD
CHLOROBENZENE	<0.5	0.5	MG/L	12/19/91	DD
PYRIDINE	<0.001	0.001	MG/L	12/19/91	DD
1,2-DICHLOROETHANE	<0.5	0.5	MG/L	12/19/91	DD
1,1-DICHLOROETHYLENE	<0.5	0.5	MG/L	12/19/91	DD
METHYL ETHYL KETONE	<0.5	0.5	MG/L	12/19/91	DD
TETRACHLOROETHYLENE	1.6	0.5	MG/L	12/19/91	DD
TRICHLOROETHYLENE	<0.5	0.5	MG/L	12/19/91	DD
VINYL CHLORIDE	<0.5	0.5	MG/L	12/19/91	DD
O-CRESOL	<0.001	0.001	MG/L	12/19/91	DD
M-CRESOL	0.003	0.001	MG/L	12/19/91	DD
P-CRESOL	0.004	0.001	MG/L	12/19/91	DD
1,4-DICHLOROBENZENE	<0.001	0.001	MG/L	12/19/91	DD
2,4,5-TRICHLOROPHENOL	<0.001	0.001	MG/L	12/19/91	DD
HEXACHLOROBENZENE	<0.001	0.001	MG/L	12/19/91	DD
HEXACHLORO-1,3-BUTADIENE	<0.001	0.001	MG/L	12/19/91	DD

Test Description	Result	Limit	Units	Analyzed	By
HEXACHLOROETHANE	<0.001	0.001	MG/L	12/19/91	DD
2,4,6-TRICHLOROPHENOL	<0.001	0.001	MG/L	12/19/91	DD
PENTACHLOROPHENOL	<0.001	0.001	MG/L	12/19/91	DD
Surrogates					
NITROBENZENE-d5	76	Min: 35	Max: 114		
2-FLUOROBIPHENYL	62	Min: 43	Max: 116		
TERPHENYL-d14	133	Min: 33	Max: 141		
PHENOL-d5	113 Q	Min: 10	Max: 94		
2-FLUOROPHENOL	100	Min: 21	Max: 100		

TEST METHODOLOGIES

TCLP EXTRACTION: USEPA METHOD # 1311

BENZENE, TOLUENE, ETHYLBENZENE, XYLENES: USEPA METHOD # 602/8020

TCLP ZERO HEAD SPACE EXTRACTION = USEPA METHOD # 1311

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS(IN SOIL) = USEPA METHOD # 418.1

ASSAIGAI
ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

QUESTIONS ABOUT THIS REPORT SHOULD BE ADDRESSED TO:
LABORATORY OPERATIONS MANAGER/ASSAIGAI ANALYTICAL
7300 JEFFERSON N.E.,ALBUQUERQUE,N.M. 87109

Syed Rizvi

Certified By
SYED N. RIZVI

APPENDIX E

ASSAIGAI
ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

Assaigai Analytical Labs
7300 Jefferson NE
Albuquerque, NM 87109

Attn: SYED RIZVI
Phone: (505)345-8964

ENRON/TRANSWESTERN PIPELINE
HOBBS PLANT
2626 WEST MARLAND
HOBBS, NM 88240
Attn: MIKE KNEESE

Order #: 91-12-202
Date: 01/06/92 12:07
Work ID: WT-1 DEHY TUBS 017 14791T
Date Received: 12/23/91
Date Completed: 01/06/92

Purchase Order: BILL CODE 060-E5160E
Invoice Number: 913014

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
01	WT-1 DEHY TUBS 017		

COPY

ASSAIGAI
ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

QUESTIONS ABOUT THIS REPORT SHOULD BE ADDRESSED TO:
LABORATORY OPERATIONS MANAGER/ASSAIGAI ANALYTICAL
7300 JEFFERSON N.E.,ALBUQUERQUE,N.M. 87109

Syed Rizvi

Certified By
SYED N. RIZVI

ASSAIGAI
ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

TEST RESULTS BY SAMPLE

Sample: 01A WT-1 DEHY TUBS 017 Collected: 12/11/91 12:00

Test Description	Result	Limit	Units	Analyzed	By
BENZENE,TOLUENE,EBENZ,XYLE					
BENZENE	16	1.0	MG/KG	01/03/92	PV
TOLUENE	60	1.0	MG/KG	01/03/92	PV
ETHYL BENZENE	13	1.0	MG/KG	01/03/92	PV
XYLENES	110	1.0	MG/KG	01/03/92	PV
TOTAL REC PET HYDROCARBONS	260,000	5.0	MG/KG	12/31/91	PV

ASSAIGAI
ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

TEST METHODOLOGIES

BENZENE, TOLUENE, ETHYLBENZENE, XYLENES: USEPA METHOD # 602/8020

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS(IN SOIL) = USEPA METHOD # 418.1

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS(IN WATER) = USEPA METHOD # 418.1

Phone (505) 623-2761
FAX (505) 625-8060

Transwestern Pipeline Company
TECHNICAL OPERATIONS
P. O. Box 1717 • Roswell, New Mexico 88202-1717

RECEIVED
MAR 11 1992
OIL CONSERVATION DIV.
SANTA FE

March 9, 1992

Mr. Roger Anderson
New Mexico Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico

Re: Discharge Plan Application GW-109
Transwestern Pipeline Company
Carlsbad Compressor Station WT-1
Lea County, New Mexico

Dear Mr. Anderson;

The discharge plan application for the above referenced facility is being presented to your agency on behalf of Transwestern Pipeline Company. if you require any additional information or clarification, please contact me at (505) 625-8022.

I. General Information

A. Discharger/Leagally Responsible Party

Name: Transwestern Pipeline Company
Carlsbad Compressor Station
Attn: Bob Anderson

Address: Hobbs District Office
2626 West Marland
Hobbs, New Mexico 88240
(505) 397-6000

B. Local Representative or Contact Person

Mr. Merlyn Coffman, Compression Supervisor

c. Location of Discharge

Legal Description: Township 20 South, Range 32 East, Northwest 1/4 of Section 31, Lea County, New Mexico.

A state of New Mexico map of the immediate site vacinity and a plot plan showing location of discharge, compressor station equipment and other site information required below are attached in APPENDIX A.

Note: All onsite routine operational discharges are to sumps or an above-ground tank with subsequent transfer offsite by an appropriate disposal company. No onsite discharges are intentionally allowed to enter surface waters or groundwater.

D. Type of Natural Gas Operation

This mainline compressor station provides compression for the transmission of natural gas in the Transwestern system. It receives natural gas through a 24" transmission line and a 16" and 8" lateral then compresses the gas north to Transwestern Pipeline Compressor Station 9, Roswell, New Mexico.

E. Copies

Three copies of the discharge plan application are enclosed.

F. Affirmation

I hereby certify that I am familiar with the information contained in and submitted with the application and that such information is true, accurate and complete to the best of my knowledge and belief.

Sincerely,

Larry Campbell/EC

Larry T. Campbell
Compliance Environmentalist

LTC/EEC

3 copies

cc: Merlin Coffman w/attach
Bob Anderson w/o attach
Doc Alpers w/o attach
File w/attach

II. Plant Facilities

A. Sources and Quantities of Effluent and Plant Fluids
For each source, primary quality type (e.g., high TDS water, hydrocarbons, washwater, sewage), estimated quantities, and major additives, if any are provided.

1. Scrubbers: The incoming gas stream to this facility does contain few liquids in the form of natural gas pipeline liquids. These entrained liquids are then removed by the operation of the three (3) onsite inlet scrubbers and one (1) filter seperator then collected in a 500 bbl. pipeline liquids tank. Liquids which are received during pigging operations are temporarily collected in a 400 gallon sump and transferred to a mist extractor which then directs the pipeline liquids to the 500 bbl. pipeline liquids tank. Ten (10) gallons/day of pipeline liquids is collected by this system.

2. Engines and cooling waters: The engine and cooling water stream is collected and reclaimed for reuse.

3. Domestic Sewage: Sewage is directed to the onsite septic tanks. The effluent from the tanks is then directed to distribution boxes and then to the leech fields. There are three leech fields located on the station property. A small leech fields services the shop restroom and shower while two leech fields services five domestic residences, four houses on one leech field and the other one residence having it's separate leech field. These septic systems are completely separate from the operational practices at this facility.

4. Engine Wash Down Water and Floor Drains: Wastewater collected from cleaning and washdown operations are directed to a series of floor drains and collected into a 50 bbl. sump. The effluent is then pumped to a 300 bbl. oily waste water tank. Only approved biodegradable solvents (i.e. epa 2000) are used in this process. The liquids stored in the 210 bbl. tank are tested for H.W. characterization prior to being removed by a wastewater hauler for proper disposal. There are no other waste streams which presently enter this system. Truck washing operations are not performed at this facility. Five (5) gallons/day of oily waste water is collected by this system.

5. Waste engines Oils: lubricative oil changeouts from the three Copper Bessemer and the two auxiliary generators are collected into a dedicated sump and into a 210 bbl. used oil tank. Prior to removal from this facility samples are analyzed from the tank for proper recycling or recovered as boiler fuel makeup.

6. Oily-Glycol Mixture Tank: This is collected in a 1500 gallon tank and is for use when glycol and oil are mixed due to mechanical problems to prevent contamination of the used oil tank and/or the oily waste water tank.

7. Dehy-Condensate: The inlet gas from the 8" and 16" laterals is dehydrated prior to compression into the main transmission line. The condensate collected from the dehy (3 glycol units) is stored in a cistern.

   Chemical materials stored onsite in excess of 55 gallons may include: gear and engine oil, ethylene glycol, methanol, gasoline, diesel, biodegradable soap and solvent, steam cleaner degreaser.

B: Quality Characteristics

Characteristics of the individual waste streams are as follows: all waste streams have been separated and are segregated into dedicated sumps and tanks.

1. Pipeline Liquids: The natural gas pipeline condensate annual sampling results are presented in APPENDIX B. This material is marketed for burner fuel or incinerated as a hazardous waste dependant upon results of the sampling performed.

2. Engine Cooling Water: Coolant consists of a pre-mixed solution of ambitrol and water. MSDS information is attached in APPENDIX C.

3. Used Engine Oil: Prior to removal from the facility for recycling, this material is sampled as per 40 CFR 266.

4. Floor Drains: Floor drains which collect washdown cleaning water and engine or engine parts degreasing is directed to a steel sump outside the engine room. From there, the wastewater is directed to the 500 bbl. oily waste water tank where the tank liquids are sampled and appropriately disposed. (see APPENDIX D.)

5. Dehy Condensate: The liquids removed from the gas stream by the dehy's is collected in a cistern and sampled and appropriately disposed. APPENDIX E

C. Transfer and Storage of Fluids and Effluent

1. Water and wastewater plan schematics are not applicable because no individual water treatment units exist. Liquid wastes are not discharged onsite. All liquid wastes are temporarily stored in sumps and tanks until they are transferred offsite.

2. Potential surface and groundwater contaminants, which may be discharged within the compressor station would be associated with sumps, above ground storage tanks and connecting ground pipes. Sumps and tanks are inspected weekly and monthly. All tanks have been engineered to be usually inspected for tank leakage and contained in concrete secondary containment which complies with the OCD requirement for 130 % containment storage.

   a. Pipeline liquids tank - 500 bbl. capacity , steel walled; contains liquids received from scrubber, mist extractor and pig receiver. Liquids are removed from the tank at each 90 day interval for offsite disposal dependant upon characteristic sampling of the liquids collected.

   b. Oily wastewater tank -300 bbl. capacity, steel walled; contains liquids received from sumps associated with engine washdown, parts cleaning. Liquids are sampled prior to removal.

   c. Used lubrication oil storage tank- 210 bbl. capacity, steel walled; contains used crankcase and gear oil. Liquids are sampled prior to removal.

   d. Oil storage tanks - Two and one-half tanks, 12000 gallon capacity each, containing citco pacemaker 1000.

   e. Gear oil tank - One tank, with bulkhead in middle. Lube oil capacity is 6000 gallons and pacemaker 68 gear oil is 6000 gallons.

   f. Oily/glycol tank - One tank, 1500 gal. capacity , steel walled. contains oil/glycol mixture. Hasn't been required for use at present time.

g. Dehy-condensate tank - 500 gal. capacity, fiberglass walled; contains liquids removed from the gas stream by the dehy units. Liquids sampled prior to removal.

3. Underground wastewater pipes, their age and specification (i.e., wall thickness, fabrication material), are:

a. All underground pipes are designed and constructed according to Transwestern's specification They are made of coated steel and connected to the facility rectifier system for corrosion control. The existing underground pipes were installed in 1960.

D. Spill/Leak Prevention and Housekeeping Procedures

1. SPCC Plan: Procedures addressing spill containment and cleanup, including proposed schedule for OCD notification of spills will be described in the facility's contingency plan (SPCC). This document is in preparation and will be submitted to the OCD as it is finalized. Disposition of the liquid materials is as follows:

a. Pipeline liquids and rainwater:

Enron Oil Trading and Transportation (EOTT)
P.O. Box 2297
Midland, Texas 79702
(915) 687-0783

Rollins Environmental Services
P.O. Box 609
Deer Park, Texas 77536
(713) 930-2300

b. Oily wastewater:

Mesa Oil Co.
4701 Broadway SE
Albuquerque, New Mexico 87105
(505) 877-8855

Enron Oil Trading and Transportation
P.O.Box 2297
Midland, Texas 79702
(915) 687-0783

c. Used lubrication and gear oil:

Mesa Oil Co.
4701 Broadway SE
Albuquerque, New Mexico 87105
(505) 877-8855

d. Used filters:

Waste Management of Southeast New Mexico
2608 Lovington Highway
Hobbs, New Mexico 88240
(505) 392-6571

e. Other solid waste:

Waste Management of Southeast New Mexico
2608 Lovington Highway
Hobbs, New Mexico
(505) 392-6571

2. Housekeeping: Precipitation runoff is directed from the station facility. Cleanup and remediation of minor oil releases is addressed in section IIb1. Information on curbs, berms, drains and secondary containment are discussed in section IIC2, IVC2 and IID1, respectively.

3. Leak Detection: All aboveground tank systems are visually inspected weekly to detect leaks and ensure tank integrity. Visual sump inspections are performed on an annual basis.

4. Well System: The compressor station presently receives their potable water from the City of Carlsbad.

IV. SITE CHARACTERISTICS

a. Site Features

The approximate forty acre site is presently fenced and lighted for security measures. There is approximately 15 feet of relief across the extent of the property, sloping towards the northeast. Major buildings present on the site include five (5) company residential houses, office, maintenance and workshop, compressor building, product and storage tanks and containment.

The closest existing residential development is the town of Carlsbad, New Mexico located 25 miles to the west.

1. Geology: The facility is physiographically in the Querecho Plains, a vast sand dune area. The land slopes gently to the northeast but generally has no drainage features. The sand cover in the facility vicinity is thin. Quaternary alluvium is the surface sediment present. Triassic rocks of the area underlie the alluvium and consist chiefly of a sequence of red beds, the Dockum group. The Dockum Group is diverible into the Santa Rose Sandstone and overlying Chinle Formation. The Santa Rose Sandstone is a fine-to-coarse grained sandstone, ranging in thickness from 140 feet to more than 300 feet. This formation is exposed just to the southwest of the facility. The regional dip of the Santa Rosa Sandstone is less than one degree to the east and south. The Chinle Formation is absent in the local area.

2. Soils: Two soils are present at the facility; Kimbrough gravelly loam and Seimona fine sandy loam. The Kimbrough soil is well drained and overlies indurated caliche at a depth of 6 to 20 inches. The soil is found in wind-deposited and water-deposited sediment. It is moderately permeable, with moderate water intake, and 1 to 2 inches of available water holding capacity. The Simona soil is well drained and formed in wind-work calcareous sediment over fractured caliche. Premeability is moderately rapid. Water intake is rapid, and the water holding capacity is 1 to 3 inches.

3. Vegetation: The vegetation of the area is typical for the climate and site aspect present at the facility. The potential plant community on this unit is short and mid grasses and shrubs.

A. Hydrologic features

1. Bodies of Water: There are no bodies of water located within the vacinity of the facility.

2. Depth to Groundwater: The Santa Rosa Sandstone is the principal aquifer in the facility vicinity. The formation is recharged by precipitation on the sand dunes, by precipitation and runoff directly on the formation outcrop, and probably by ground water flow from the overlying alluvium. The water table gradient is locally to the east. Depth to water is in the order of 90 feet.
Groundwater is secondarily derived from the Quaternary Alluvium, but there may not be continuous saturated zone in the general area. The saturated thickness of the sediment in the Quaternary fill ranges from 15 to 30 feet and water levels are about 30 feet below the land surface. Based on records available at the N.M. State Engineer Office and N.M. Bureau of Mines, approximately 35 wells are present within a 10 mile radius of the site.

3. Water Chemistry: Potable water for the facility is received from the City of Carlsbad water system.

C. Flood Protection

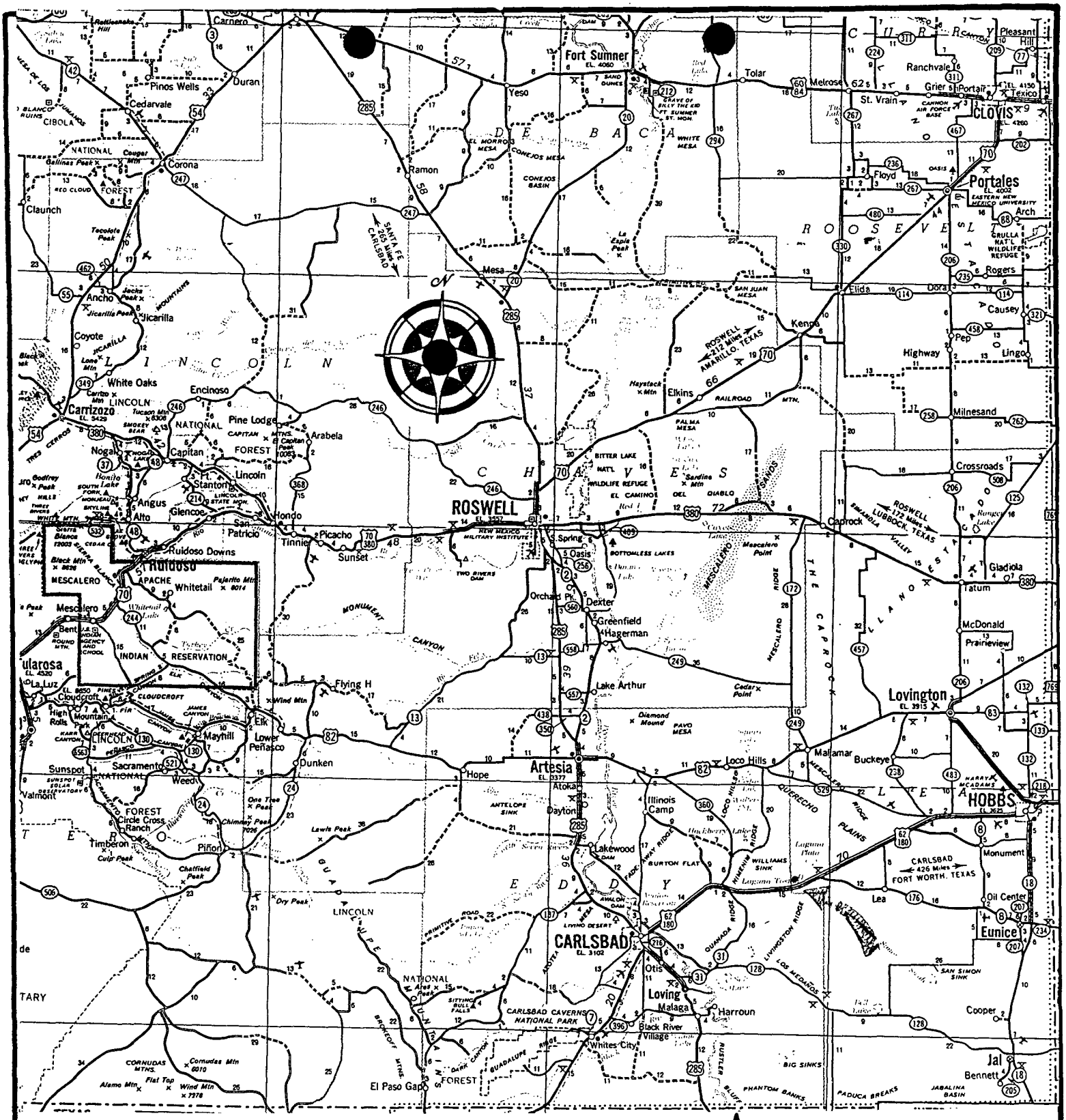
1. Flood Potential: There is no known record or indication of flooding onsite.

2. Flood Protection: Curbs, berms and culverts have been constructed.

V. ADDITIONAL INFORMATION

To be provided as requested.

APPENDIX A

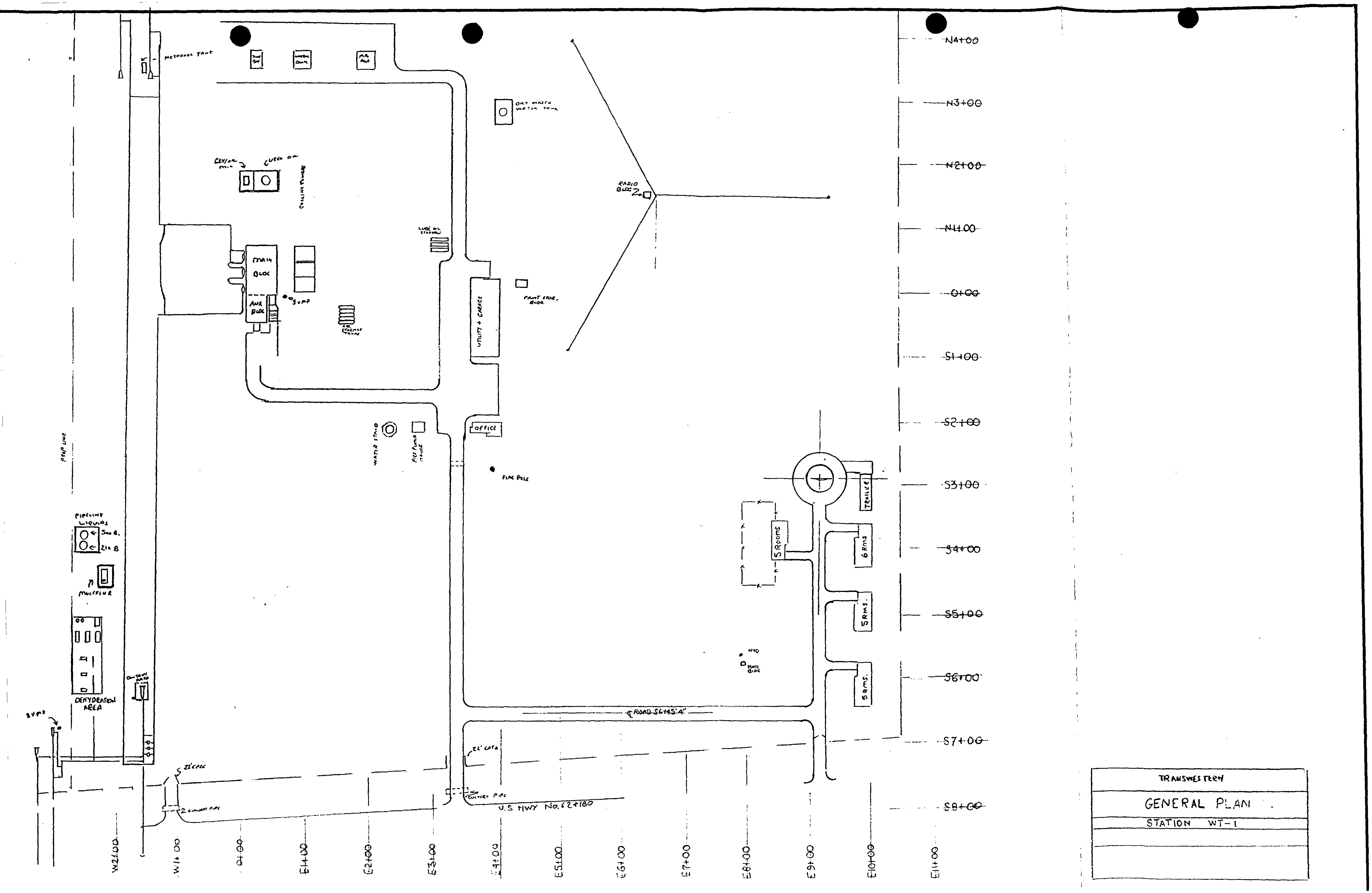


TRANSWESTERN PIPELINE COMPANY

STATION WT-1

CARLSBAD, NEW MEXICO

DATE:	SCALE:
DRAWN BY	APPROVED
CHECKED BY	BOOK NO.
APPROVED	DRAWING NO.



METHONAL TANK
OILY WASTE WATER TANK
COOLING TOWER
MAIN BLDG
AUX BLDG
SUMP
LUBE OIL STORAGE
AIR STORAGE TANKS
UTILITY + GARAGE
PAINT STOR. BLDG
RADIO BLDG
OFFICE
WATER STAND
FIRE PUMP HOUSE
FLAG POLE
PROP LINE
PIPELINE LIQUIDS
MUFFLER
DEHYDRATION AREA
SUMP
22' GATE
2 CULVERT PIPE
22' GATE
CULVERT PIPE
U.S. HWY No. 62+180
℄ ROAD S6+45'4"
5 Rooms
6 Rms
5 Rms.
5 Rms.
TRAILER
HYD
N4+00
N3+00
N2+00
N1+00
0+00
S1+00
S2+00
S3+00
S4+00
S5+00
S6+00
S7+00
S8+00
W2+00
W1+00
0+00
E1+00
E2+00
E3+00
E4+00
E5+00
E6+00
E7+00
E8+00
E9+00
E10+00
E11+00
TRANSWESTERN
GENERAL PLAN
STATION WT-1

APPENDIX B

TEST RESULTS BY SAMPLE

Sample: 01A WT-1 RECEIVER **Collected:**

Test Description	Result	Limit	Units	Analyzed	By
BENZENE,TOLUENE,EBENZ,XYLE		0.1			
BENZENE	<0.1	0.1	MG/KG	10/04/91	DD
TOLUENE	<0.1	0.1	MG/KG	10/04/91	DD
ETHYL BENZENE	<0.1	0.1	MG/KG	10/04/91	DD
XYLENES	<0.1	0.1	MG/KG	10/04/91	DD
TCLP METALS					
ARSENIC	0.010	0.005	MG/L		JC
BARIUM	<0.50	0.50	MG/L		JC
CADMIUM	0.015	0.003	MG/L		JC
CHROMIUM	<0.02	0.02	MG/L		JC
LEAD	<0.10	0.10	MG/L		JC
MERCURY	0.0006	0.0002	MG/L		JC
SELENIUM	<0.005	0.005	MG/L		JC
SILVER	<0.010	0.010	MG/L		JC
TCLP ORGANICS ENRON LIST					
BENZENE	<0.02	0.02	MG/L	10/07/91	SS
CARBON TETRACHLORIDE	<0.02	0.02	MG/L	10/07/91	SS
CHLOROBENZENE	<0.02	0.02	MG/L	10/07/91	SS
CHLOROFORM	<0.02	0.02	MG/L	10/07/91	SS
1,2-DICHLOROETHANE	<0.02	0.02	MG/L	10/07/91	SS
1,1-DICHLOROETHYLENE	<0.02	0.02	MG/L	10/07/91	SS
METHYL ETHYL KETONE	<0.02	0.02	MG/L	10/07/91	SS
TETRACHLOROETHYLENE	<0.02	0.02	MG/L	10/07/91	SS

Test Description	Result	Limit	Units	Analyzed	By
TRICHLOROETHYLENE	<0.02	0.02	MG/L	10/07/91	SS
VINYL CHLORIDE	<0.02	0.02	MG/L	10/07/91	SS
O-CRESOL	<0.001	0.001	MG/L	10/07/91	SS
M-CRESOL	<0.001	0.001	MG/L	10/07/91	SS
P-CRESOL	<0.001	0.001	MG/L	10/07/91	SS
1,4-DICHLOROBENZENE	<0.001	0.001	MG/L	10/07/91	SS
2,4-DINITROTOLUENE	<0.001	0.001	MG/L	10/07/91	SS
HEXACHLOROBENZENE	<0.001	0.001	MG/L	10/07/91	SS
HEXACHLORO-1,3-BUTADIENE	<0.001	0.001	MG/L	10/07/91	SS
HEXACHLOROETHANE	<0.001	0.001	MG/L	10/07/91	SS
NITROBENZENE	<0.001	0.001	MG/L	10/07/91	SS
PENTACHLOROPHENOL	<0.001	0.001	MG/L	10/07/91	SS
PYRIDINE	<0.001	0.001	MG/L	10/07/91	SS
2,4,5-TRICHLOROPHENOL	<0.001	0.001	MG/L	10/07/91	SS
2,4,6-TRICHLOROPHENOL	<0.001	0.001	MG/L	10/07/91	SS
Surrogates					
NITROBENZENE-d5		Min:	Max:		
2-FLUOROBIPHENYL		Min:	Max:		
TERPHENYL-d14		Min:	Max:		
PHENOL-d5		Min:	Max:		
2-FLUOROPHENOL		Min:	Max:		
TOTAL REC PET HYDROCARBONS	3000	5.0	MG/KG	10/04/91	PV

APPENDIX C

MATERIAL SAFETY DATA SHEET

DOW CHEMICAL U.S.A. MIDLAND, MICHIGAN 48674 EMERGENCY (517) • 636 • 4400

PRODUCT NAME: AMBITROL (R) FL 50 COOLANT

Effective Date: 06/08/90 Date Printed: 06/27/90 MSDS:000584

1. INGREDIENTS: (% w/w, unless otherwise noted)

Ethylene Glycol	CAS# 000107-21-1	47-55%
Diethylene Glycol	CAS# 000111-46-6	<3%
Water	CAS# 007732-18-5	<50%
Dipotassium phosphate	CAS# 007758-11-4	<5%

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). In addition, other substances not 'Hazardous' per this OSHA Standard may be listed. Where proprietary ingredient shows, the identity may be made available as provided in this standard.

2. PHYSICAL DATA:

BOILING POINT: 229F, 109C
VAP. PRESS: Approx. 2.5 mmHg @ 20C
VAP. DENSITY: Not applicable
SOL. IN WATER: Completely miscible
SP. GRAVITY: 1.084 @ 60/60F, 16C
APPEARANCE: Red liquid.
ODOR: Information not available.

3. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT: None
METHOD USED: PMCC

FLAMMABLE LIMITS
LFL: Not applicable.
UFL: Not applicable.

EXTINGUISHING MEDIA: Water fog, carbon dioxide, dry chemical.

FIRE & EXPLOSION HAZARDS: After 50% of the initial volume has

(Continued on Page 2)

3. FIRE AND EXPLOSION HAZARD DATA: (CONTINUED)

evaporated, the residual solution will burn at temperatures above 290F when exposed to an ignition source.

FIRE-FIGHTING EQUIPMENT: Wear positive-pressure, self-contained breathing apparatus.

4. REACTIVITY DATA:

STABILITY: (CONDITIONS TO AVOID) Not considered to be a problem under normal storage conditions.

INCOMPATIBILITY: (SPECIFIC MATERIALS TO AVOID) Oxidizing material

HAZARDOUS DECOMPOSITION PRODUCTS: After water has volatilized, burning will produce carbon monoxide, carbon dioxide, and water.

HAZARDOUS POLYMERIZATION: Will not occur.

5. ENVIRONMENTAL AND DISPOSAL INFORMATION:

ACTION TO TAKE FOR SPILLS/LEAKS: Small spills: Cover with absorbent material, soak up and sweep into drums for disposal. Large spills: Dike around spill and pump into suitable containers for disposal or reprocessing.

DISPOSAL METHOD: Burn in approved incinerator in accordance with local, state, and federal regulations.

(Continued on Page 3)

6. HEALTH HAZARD DATA:

EYE: Essentially nonirritating to eyes. Vapors or mists may irritate eyes.

SKIN CONTACT: Prolonged or repeated exposure not likely to cause significant skin irritation. May cause more severe response if skin is abraded (scratched or cut).

SKIN ABSORPTION: A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts. The dermal LD50 has not been determined. Repeated skin exposure to large quantities may result in absorption of harmful amounts.

INGESTION: Excessive exposure may cause central nervous system effects, cardiopulmonary effects (metabolic acidosis), and kidney failure. Amounts ingested incidental to industrial handling are not likely to cause injury; however, ingestion of larger amounts could cause serious injury, even death. The oral LD50 for rats is 8200 mg/kg. Single oral dose toxicity is expected to be moderate to humans even though tests with animals show a lower degree of toxicity.

INHALATION: At room temperature, exposures to vapors are minimal due to low vapor pressure. If heated or sprayed as an aerosol, concentrations may be attained that are sufficient to cause irritation and other effects.

SYSTEMIC & OTHER EFFECTS: Excessive exposure may cause irritation to upper respiratory tract. Observations in animals include formation of bladder stones after repeated oral doses of diethylene glycol. Observations in animals include kidney and liver effects and deposition of calcium salts in various tissues after long-term dietary intake of ethylene glycol. Based on data from long-term animal studies, diethylene glycol is not believed to pose a carcinogenic risk to man. Ethylene glycol did not cause

(Continued on Page 4)

6. HEALTH HAZARD DATA: (CONTINUED)

cancer in long-term animal studies. Based on animal studies, ingestion of very large amounts of ethylene glycol appears to be the major and possibly only route of exposure to produce birth defects. Exposures by inhalation (tested nose-only in animals to prevent ingestion) or skin contact, the primary routes of occupational exposure, had minimal or essentially no effect on the fetus. Birth defects are unlikely from exposure to diethylene glycol. Exposures having no adverse effects on the mother should have no effect on the fetus. Diethylene glycol has not interfered with reproduction in animal studies. In studies on rats, ethylene glycol has been shown not to interfere with reproduction. In studies on mice, ingestion of ethylene glycol in large amounts caused a small decrease in the number of litters/pair, live pups/litter, and in live pup weight. Results of in vitro (test tube) mutagenicity tests have been negative.

7. FIRST AID:

EYES: Irrigate immediately with water for at least 5 minutes.

SKIN: Wash off in flowing water or shower.

INGESTION: If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything to an unconscious person.

INHALATION: Remove to fresh air if effects occur. Consult a physician.

NOTE TO PHYSICIAN: Consult standard literature. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient. In the treatment of intoxication by ethylene glycol, the use of ethanol, hemodialysis and

(Continued on Page 5)

7. FIRST AID: (CONTINUED)

intravenous fluids to control acidosis should be considered. N. Eng. J. Med. 304:21 1981. If burn is present, treat as any thermal burn, after decontamination.

8. HANDLING PRECAUTIONS:

EXPOSURE GUIDELINE(S): ACGIH TLV is 50 ppm ceiling for ethylene glycol.

VENTILATION: Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.

RESPIRATORY PROTECTION: Atmospheric levels should be maintained below the exposure guideline. When respiratory protection is required for certain operations, use an approved air-purifying respirator.

SKIN PROTECTION: Use impervious gloves when prolonged or frequently repeated contact could occur.

EYE PROTECTION: Use safety glasses. If vapor exposure causes eye discomfort, use a full-face respirator.

9. ADDITIONAL INFORMATION:

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid skin and eye contact. Avoid ingestion. Avoid breathing vapors or mists.

Trace quantities of ethylene oxide (EO) may be present in this product. While these trace quantities could accumulate in headspace areas of storage and transport vessels, they are not

(Continued on Page 6)

9. ADDITIONAL INFORMATION: (CONTINUED)

expected to create a condition which will result in EO concentrations greater than 0.5 ppm (8 hour TWA) in the breathing zones of the workplace for appropriate applications. OSHA has established a permissible exposure limit of 1.0 ppm 8 hr TWA for EO. (Code of Federal Regulations Part 1910.1047 of Title 29)

MSDS STATUS: Revised section 9 and regsheet.

SARA 313 INFORMATION:

This product contains the following substances subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

CHEMICAL NAME	CAS NUMBER	CONCENTRATION
ETHYLENE GLYCOL	000107-21-1	47 -55 %

CHEMICAL NAME	CAS NUMBER	CONCENTRATION
ETHYLENE GLYCOL	000107-21-1	47 -55 %

APPENDIX D

ASSAIGAI
ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

TEST RESULTS BY SAMPLE

Sample: 02A WT-1 OILY WASTE WATER 014 Collected: 12/09/91 13:10

Test Description	Result	Limit	Units	Analyzed	By
TCLP F SERIES ENRON LIST#2					
METHYLENE CHLORIDE	<0.5	0.5	MG/L	12/18/91	DD
1,1,1-TRICHLOROETHANE	<0.5	0.5	MG/L	12/18/91	DD
TRICHLORO-TRIFLUOROETHANE	<0.5	0.5	MG/L	12/18/91	DD
ORTHO-DICHLOROBENZENE	<0.5	0.5	MG/L	12/18/91	DD
TRICHLOROFLUOROMETHANE	<0.5	0.5	MG/L	12/18/91	DD
XYLENE	6.3	0.5	MG/L	12/18/91	DD
ACETONE	<10	10	MG/L	12/18/91	DD
ETHYL ACETATE	<10	10	MG/L	12/18/91	DD
ETHYL BENZENE	0.85	0.5	MG/L	12/18/91	DD
ETHYL ETHER	<0.5	0.5	MG/L	12/18/91	DD

Test Description	Result	Limit	Units	Analyzed	By
METHYL ISOBUTYL KETONE	<0.5	0.5	MG/L	12/18/91	DD
n-BUTYL ALCOHOL	<10	10	MG/L	12/18/91	DD
CYCLOHEXANONE	<0.5	0.5	MG/L	12/18/91	DD
METHANOL	<10	10	MG/L	12/18/91	DD
TOLUENE	2.2	0.5	MG/L	12/18/91	DD
ISOBUTANOL	<10	10	MG/L	12/18/91	DD
Surrogates					
4-BROMOFLUOROBENZENE	105	Min: 86	Max: 115		
1,2-DICHLOROETHANE-d4	40 Q	Min: 76	Max: 114		
TOLUENE-d8	95	Min: 88	Max: 110		
TCLP ORGANICS ENRON LIST#2					
BENZENE	<0.5	0.5	MG/L	12/19/91	DD
CARBON TETRACHLORIDE	<0.5	0.5	MG/L	12/19/91	DD
CHLOROBENZENE	<0.5	0.5	MG/L	12/19/91	DD
PYRIDINE	<0.001	0.001	MG/L	12/19/91	DD
1,2-DICHLOROETHANE	<0.5	0.5	MG/L	12/19/91	DD
1,1-DICHLOROETHYLENE	<0.5	0.5	MG/L	12/19/91	DD
METHYL ETHYL KETONE	<0.5	0.5	MG/L	12/19/91	DD
TETRACHLOROETHYLENE	1.6	0.5	MG/L	12/19/91	DD
TRICHLOROETHYLENE	<0.5	0.5	MG/L	12/19/91	DD
VINYL CHLORIDE	<0.5	0.5	MG/L	12/19/91	DD
O-CRESOL	<0.001	0.001	MG/L	12/19/91	DD
M-CRESOL	0.003	0.001	MG/L	12/19/91	DD
P-CRESOL	0.004	0.001	MG/L	12/19/91	DD
1,4-DICHLOROBENZENE	<0.001	0.001	MG/L	12/19/91	DD
2,4,5-TRICHLOROPHENOL	<0.001	0.001	MG/L	12/19/91	DD
HEXACHLOROBENZENE	<0.001	0.001	MG/L	12/19/91	DD
HEXACHLORO-1,3-BUTADIENE	<0.001	0.001	MG/L	12/19/91	DD

Test Description	Result	Limit	Units	Analyzed	By
HEXACHLOROETHANE	<0.001	0.001	MG/L	12/19/91	DD
2,4,6-TRICHLOROPHENOL	<0.001	0.001	MG/L	12/19/91	DD
PENTACHLOROPHENOL	<0.001	0.001	MG/L	12/19/91	DD
Surrogates					
NITROBENZENE-d5	76	Min: 35	Max: 114		
2-FLUOROBIPHENYL	62	Min: 43	Max: 116		
TERPHENYL-d14	133	Min: 33	Max: 141		
PHENOL-d5	113 Q	Min: 10	Max: 94		
2-FLUOROPHENOL	100	Min: 21	Max: 100		

TEST METHODOLOGIES

TCLP EXTRACTION: USEPA METHOD # 1311

BENZENE, TOLUENE, ETHYLBENZENE, XYLENES: USEPA METHOD # 602/8020

TCLP ZERO HEAD SPACE EXTRACTION = USEPA METHOD # 1311

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS(IN SOIL) = USEPA METHOD # 418.1

ASSAIGAI
ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

QUESTIONS ABOUT THIS REPORT SHOULD BE ADDRESSED TO:
LABORATORY OPERATIONS MANAGER/ASSAIGAI ANALYTICAL
7300 JEFFERSON N.E.,ALBUQUERQUE,N.M. 87109

Syed Rizvi

Certified By
SYED N. RIZVI

APPENDIX E

ASSAIGAI
ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

Assaigai Analytical Labs
7300 Jefferson NE
Albuquerque, NM 87109

Attn: SYED RIZVI
Phone: (505)345-8964

ENRON/TRANSWESTERN PIPELINE
HOBBS PLANT
2626 WEST MARLAND
HOBBS, NM 88240
Attn: MIKE KNEESE

Order #: 91-12-202
Date: 01/06/92 12:07
Work ID: WT-1 DEHY TUBS 017 14791T
Date Received: 12/23/91
Date Completed: 01/06/92

Purchase Order: BILL CODE 060-E5160E
Invoice Number: 913014

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
01	WT-1 DEHY TUBS 017		

COPY

ASSAIGAI
ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

QUESTIONS ABOUT THIS REPORT SHOULD BE ADDRESSED TO:
LABORATORY OPERATIONS MANAGER/ASSAIGAI ANALYTICAL
7300 JEFFERSON N.E.,ALBUQUERQUE,N.M. 87109

Syed Rizvi

Certified By
SYED N. RIZVI

ASSAIGAI
ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

TEST RESULTS BY SAMPLE

Sample: 01A WT-1 DEHY TUBS 017 Collected: 12/11/91 12:00

Test Description	Result	Limit	Units	Analyzed	By
BENZENE,TOLUENE,EBENZ,XYLE					
BENZENE	16	1.0	MG/KG	01/03/92	PV
TOLUENE	60	1.0	MG/KG	01/03/92	PV
ETHYL BENZENE	13	1.0	MG/KG	01/03/92	PV
XYLENES	110	1.0	MG/KG	01/03/92	PV
TOTAL REC PET HYDROCARBONS	260,000	5.0	MG/KG	12/31/91	PV

TEST METHODOLOGIES

BENZENE, TOLUENE, ETHYLBENZENE, XYLENES: USEPA METHOD # 602/8020

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS(IN SOIL) = USEPA METHOD # 418.1

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS(IN WATER) = USEPA METHOD # 418.1

FAX (505) 625-8060

Phone (505) 623-2761

Transwestern Pipeline Company
TECHNICAL OPERATIONS
P. O. Box 1717 • Roswell, New Mexico 88202-1717

October 4, 1991

Mr. Roger Anderson
Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Dear Mr. Anderson:

On behalf of Transwestern Pipeline Company's Wt-1 Compressor Station, the following revision is requested for the landfarm application which was approved by your letter dated September 27, 1991:

1) change the synthetic liner material requirement of 2 sheets of 12 mil plastic as stated in the original application to 2 sheets of 6 mil plastic.

Thank you for your time and consideration in this matter.

Sincerely,

Larry Campbell

Larry Campbell
Compliance Environmentalist

Verbal Approved
10/7/91

xc: Bob Anderson
Doc Alpers
Merlin Coffman
Mike Kneese
file

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

September 27,1991

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

CERTIFIED MAIL
RETURN RECEIPT NO P-327-278-257

Mr. Larry Campbell
Transwestern Pipeline Company
P. O. Box 1717
Roswell, New Mexico 88202-1717

Re: Landfarm Application
Wt-1 Compressor Station
Lea County, New Mexico

Dear Mr. Campbell:

The Oil Conservation Division (OCD) has received your application, dated September 6, 1991, to construct and operate a contaminated soils landfarm at the Wt-1 Compressor Station located in the NW/4, Section 31, Township 20 South, Range 32 East, NMPM, Lea County, New Mexico. Based on the information provided, your landfarm application is approved with the following conditions.

1. The contaminated soils in the landfarm will be disked on a biweekly schedule.
2. No fluids will be placed on the landfarm without prior OCD approval.

Please be aware that this approval does not relieve you of liability should your operation result in actual pollution of surface or ground waters or the environment actionable under other laws and/or regulations.

If you have any questions, please do not hesitate to call me at (505) 827-5884.

Sincerely,

Roger C. Anderson
Environmental Engineer

xc: OCD Hobbs Office

Transwestern Pipeline Company
TECHNICAL OPERATIONS
P. O. Box 1717 • Roswell, New Mexico 88202-1717

Phone (505) 623-2761
FAX (505) 625-8060

September 6, 1991

Mr. Roger Anderson
Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Dear Mr. Anderson:

On behalf of Transwestern Pipeline Company, this letter is to serve as a permit request to construct and operate a landfarm located at the Company's Wt-1 Compressor Station. The legal description of this facility is T.20S.,R.32E. NW 1/4 of Section 31, Lea County, New Mexico. To reach the facility travel east from Carlsbad on hwy 180 for approximately 29 miles to station site which is located on the left side of the hwy.

This request is addressed to operate a landfarm for non-hazardous contaminated soil generated at field operations and gas treating plants in the exemption area for Transwestern Pipeline Company.

Accompanying this permit request is a general plot map of the site facility depicting the location of the proposed landfarm site. The dimensions and characteristics of the land treatment facility are to be determined after a sampling program has been completed to calculate the volume of soil to be remediated. However, the landfarm boundaries will be confined to within the facility area.

There are presently no potable water wells within 7 miles of the facility. In addition, the closest residence is approximately 4 miles east of the landfarm property.

As per guidelines set forth by the Oil Conservation Division (OCD), the following site requirements will be adhered:

1) A berm of approximately 24 inches will be constructed around the entire landfarm area to prevent surface runoff and potential contamination to adjacent areas.

2) Two sheets of 12 mil plastic will be layed down prior to the placement of the hydrocarbon contaminated soil.

3) Prior to placement in the landfarm, a composite sample will be taken of all soils to be landfarmed at this site to verify the non hazardous status.

4) Soils to be remediated will be initially layed down and limited to 6 inches in depth. Subsequent lifts will only be applied after analyses have been performed of the surface in-place material and submitted to the OCD for approval.

6) Disking will be performed quarterly or on an "as needed basis" to expedite the remediation processes.

7) In the event remediation processes are hindered, fertilizer applications and irrigations may be applied.

8) The landfill design will be constructed such that any excess or ponded water will be gravity fed to a low point within the landfarm and collected for reapplication.

It is the intent of this permit to operate this landfarm to eliminate all surface runoff and to reduce fugitive dust emissions to the greatest extent possible.

Under conditions of this permit Transwestern Pipeline Company will commit to a soil sampling program on a quarterly basis of the hydrocarbon contaminated soil to evaluate the bioremediation processes.

Under this permit, Transwestern is additionally requesting that options be discussed to replace or dispose of the soil once contamination levels are below target values assigned by the OCD. This will allow for long term use of the landfarm site and decrease the potential for environmental liability.

We are presently in the process of performing remediation and soil cleanup operations and would appreciate your attention in this matter.

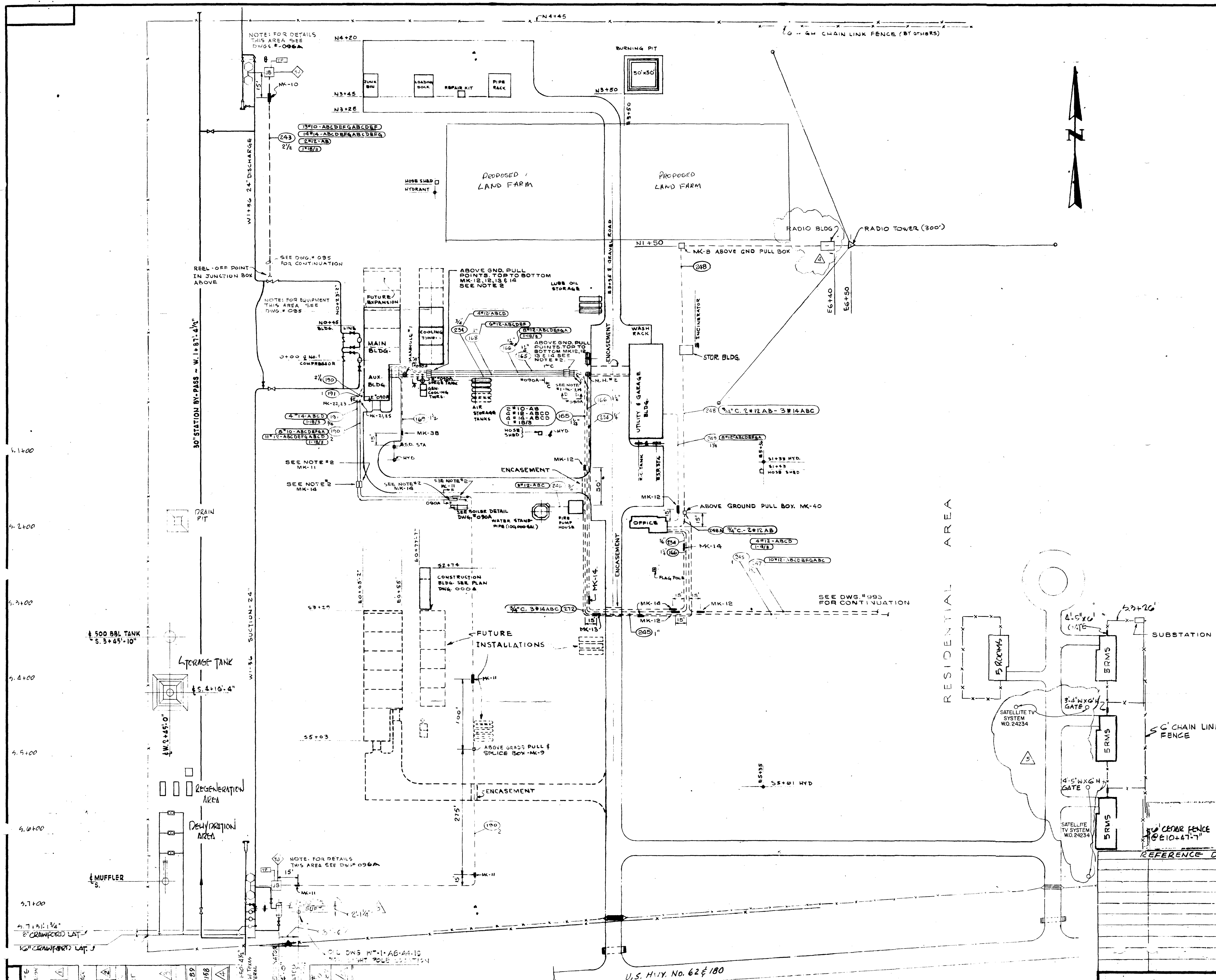
If you may require any additional information in this matter, please contact me at 625-8022.

Sincerely,

Larry Campbell

Larry Campbell
Compliance Environmentalist

xc: Bob Anderson w\o attachments
Doc Alpers " "
Merlin Coffman " "



BILL OF MATERIAL

Manufacturer to mark ALL EQUIPMENT as listed below, using both numbers, as example 46-1, 46-2, etc.

No. Reqd.	Size	Description	Mark	Remarks

Notes:

1. ALL PULL SLEEVES ON VERTICAL RUNS TO BE INSTALLED 2'-0" BELOW 90° ELBOWS.
2. ALL PULL SLEEVES ON HORIZONTAL RUNS ABOVE GRADE TO BE INSTALLED 2'-0" FROM ELBOWS.
3. ALL BELOW GRADE PULL SLEEVES TO BE 10'-0" LONG, & ALL ABOVE GRADE PULL SLEEVES TO BE 4'-0" LONG, & FIELD FABRICATED. FOR SLEEVE SIZES SEE SCHEDULE BELOW.
4. ALL ELBOWS TO BE MIN. 24" RADIUS.
5. PULLING EYE TO BE USED IN PULLING CONDUCTORS. A ROLLER OR PULLEY TO BE USED FOR PULLING OF CONDUCTORS WHERE NECESSARY.
6. REEL-OFF POINTS WILL BE IN THE AUX. BLDG. FOR CONDUCTORS IN RUNS 191, 234, 168, 166, 190.
7. REEL-OFF POINTS WILL BE IN THE UTILITY BLDG. FOR CONDUCTORS IN RUN 249.
8. REEL-OFF POINTS WILL BE IN THE FIRE PUMP HOUSE FOR CONDUCTORS IN RUNS 242, 245, 246.
9. REEL-OFF POINTS WILL BE IN THE OFFICE BLDG. FOR CONDUCTORS IN RUNS 247, 248.
10. ALL ENCASEMENTS UNDER ROADWAYS TO BE 22'-0 LONG.

LEGEND

- ——— ABOVE GROUND CONDUIT
- – – – UNDERGROUND CONDUIT
- □ ABOVE GROUND PULL & SPLICE BOX
- ▬ BELOW GROUND PULL POINT
- ▭ ABOVE GROUND PULL POINT

CONDUIT SLEEVE SCHEDULE	
COND. SIZE	OVERSIZE SLEEVE REQUIRED
¾"	1¼"
1"	1½"
1¼"	2"
1½"	2½"
2"	3"
2½"	3½"
3"	4"

ENCASEMENT SCHEDULE		
CONDUIT SIZE	ENCASEMENT SIZE	TOTAL L.F. REQD.
¾"	1½" SCH.40	44
1"	2" SCH.40	22
1¼"	2½" SCH.40	66

REFERENCE DRAWINGS

TRANSWESTERN PIPELINE COMPANY

GENERAL PLAN

STATION WT-1

SCALE 1" = 60'	DATE	
DRAWN JONES	7-10-84	
TRACED		
CHECKED CEH	7-24-84	WO-23594
APPROVED ENG.	8-9-84	JOB NO. / DRAWING NO.
APPROVED ENG.	8-9-84	WT-1-AB-001
APPROVED	8-9-84	SHEET 1
APPROVED CH. ENG.		

REVISIONS

- 1: BY GB; APPROVED
- 2: REMOVE BLOWDOWN STACK; DATE 10-18-84
- 3: As built per AFE 23594; BY TSI; CHK'D; APV'D
- 4: BY TSI 5-11-89; REPLACED RADIO BLDG. PER WO 22158; CHK'D; APP'D
- INSTALLED SATELLITE T.V. SYS. W.O. 23234; BY: G.&A.; CHKD.; APPD.

SEE DWG. WT-1-AB-A4-10 FOR LIGHT POLE LOCATION

Ridgway's