

GW - 80

# GENERAL CORRESPONDENCE

YEAR(S):

2007-1997



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

**Joanna Prukop**

Cabinet Secretary

**Mark E. Fesmire, P.E.**

Director

**Oil Conservation Division**

January 3, 2007

John Steenberg  
Division Environmental Specialist  
Transwestern Pipeline Company  
Summit Office Building  
4001 Indian School Road, NE, Suite 250  
Albuquerque, New Mexico 87110

Re: Discharge Plan Permit GW-080  
Transwestern Pipeline Company  
Thoreau Compressor Station  
McKinley County, New Mexico

Dear Mr. Steenberg:

Pursuant to Water Quality Control Commission (WQCC) Regulations 20.6.2.3104 - 20.6.2.3114 NMAC, the New Mexico Oil Conservation Division (NMOCD) hereby approves the discharge permit for the Transwestern Pipeline Company (owner/operator) Thoreau Compressor Station GW-080 located in the SE/4 of Section 20, Township 14 North, Range 13 West, NMPM, McKinley County, New Mexico, under the conditions specified in the enclosed **Attachment To The Discharge Permit**. Enclosed are two copies of the conditions of approval. **Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe Office within 30 working days of receipt of this letter including permit fees.**

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

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

Sincerely,

Wayne Price  
Environmental Bureau Chief

LWP/baj

Attachments-1

cc: OCD District III Office, Aztec

**ATTACHMENT TO THE DISCHARGE PERMIT**  
**TRANSWESTERN PIPELINE COMPANY, THOREAU COMPRESSOR STATION (GW-080)**  
**DISCHARGE PERMIT APPROVAL CONDITIONS**  
**January 3, 2007**

**Please remit a check for \$1700.00 made payable to Water Quality Management Fund:**

**Water Quality Management Fund**  
**C/o: Oil Conservation Division**  
**1220 S. Saint Francis Drive**  
**Santa Fe, New Mexico 87505**

- 1. Payment of Discharge Plan Fees:** All discharge permits are subject to WQCC Regulations. Every billable facility that submits a discharge permit application will be assessed a filing fee of \$100.00, plus a renewal flat fee (*see* WQCC Regulation 20.6.2.3114 NMAC). The Oil Conservation Division ("OCD") has received the required \$100.00 filing fee. However, the owner/operator still owes the required \$1700.00 renewal permit fee for a gas compressor station greater than 1001 horsepower.
- 2. Permit Expiration and Renewal:** Pursuant to WQCC Regulation 20.6.2.3109.H.4 NMAC, this permit is valid for a period of five years. **The permit will expire on November 14, 2011** and an application for renewal should be submitted no later than 120 days before that expiration date. Pursuant to WQCC Regulation 20.6.2.3106.F NMAC, if a discharger submits a discharge permit renewal application at least 120 days before the discharge permit expires and is in compliance with the approved permit, then the existing discharge permit will not expire until the application for renewal has been approved or disapproved.
- 3. Permit Terms and Conditions:** Pursuant to WQCC Regulation 20.6.2.3104 NMAC, when a permit has been issued, the owner/operator must ensure that all discharges shall be consistent with the terms and conditions of the permit. In addition, all facilities shall abide by the applicable rules and regulations administered by the OCD pursuant to the Oil and Gas Act, NMSA 1978, Sections 70-2-1 through 70-2-38.
- 4. Owner/Operator Commitments:** The owner/operator shall abide by all commitments submitted in its October 4, 2006 discharge permit renewal application, including attachments and subsequent amendments and these conditions for approval. Permit applications that reference previously approved plans on file with the division shall be incorporated in this permit and the owner/operator shall abide by all previous commitments of such plans and these conditions for approval.
- 5. Modifications:** WQCC Regulation 20.6.2.3109.G NMAC addresses possible future modifications of a permit. Pursuant WQCC Regulation 20.6.2.3107.C NMAC, the owner/operator (discharger) shall notify the OCD of any facility expansion, production increase or process modification that would result in any significant modification in the discharge of water contaminants. Pursuant to WQCC Regulation 20.6.2.3109.E NMAC, the Division Director may require a permit modification if any water quality standard specified at 20.6.2.3103

NMAC is being or will be exceeded, or if a toxic pollutant as defined in WQCC Regulation 20.6.2.7 NMAC is present in ground water at any place of withdrawal for present or reasonably foreseeable future use, or that the Water Quality Standards for Interstate and Intrastate streams as specified in 20.6.4 NMAC are being or may be violated in surface water in New Mexico.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

or water pollution. Failure to perform any required investigation, remediation, abatement and submit subsequent reports will be a violation of the permit.

**20. Additional Site Specific Conditions:** N/A

**21. Transfer of Discharge Permit:** The owner/operator shall notify the OCD prior to any transfer of ownership, control or possession of a facility with an approved discharge permit. The purchaser shall submit a written commitment to comply with the terms and conditions of the previously approved discharge permit and shall seek OCD approval prior to transfer.

**22. Closure:** The owner/operator shall notify the OCD when operations of the facility are to be discontinued for a period in excess of six months. Prior to closure of the facility, the operator shall submit a closure plan for approval. Closure and waste disposal shall be in accordance with the statutes, rules and regulations in effect at the time of closure.

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

Conditions accepted by: **Transwestern Pipeline Company, LLC**

\_\_\_\_\_  
Company Representative- print name

\_\_\_\_\_  
Company Representative- signature

\_\_\_\_\_  
Title

Date\_\_\_\_\_

**Jones, Brad A., EMNRD**

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**From:** Jones, Brad A., EMNRD  
**Sent:** Wednesday, November 29, 2006 10:17 AM  
**To:** 'George Robinson'  
**Cc:** 'John Steenberg'; 'George Friend'; Price, Wayne, EMNRD; Powell, Brandon, EMNRD; Chavez, Carl J, EMNRD  
**Subject:** RE: Transwestern Pipeline Thoreau Station - Request to transport non-exempt non-haz oil field waste to the Waste Management Tri-Sect landfill facility

George,

Based upon the review of the laboratory results and NORM survey, the NMOCD has determined the material in question satisfies the requirements of Section 712 of 19.15.9 NMAC.

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

**Brad A. Jones**  
*Environmental Engineer*  
*Environmental Bureau*  
*NM Oil Conservation Division*  
*1220 S. St. Francis Drive*  
*Santa Fe, New Mexico 87505*  
*E-mail: [brad.a.jones@state.nm.us](mailto:brad.a.jones@state.nm.us)*  
*Office: (505) 476-3487*  
*Fax: (505) 476-3462*

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**From:** George Robinson [mailto:[george.robinson@cypressinc.us](mailto:george.robinson@cypressinc.us)]  
**Sent:** Tuesday, November 28, 2006 1:57 PM  
**To:** Jones, Brad A., EMNRD  
**Cc:** 'John Steenberg'; 'George Friend'; Price, Wayne, EMNRD; Powell, Brandon, EMNRD; Chavez, Carl J, EMNRD  
**Subject:** RE: Transwestern Pipeline Thoreau Station - Request to transport non-exempt non-haz oil field waste to the Waste Management Tri-Sect landfill facility

Brad,  
After discussing the issue with the consultant that had completed the NORM survey, we determined that the procedure used during the survey on November 8, 2006 was incorrect. The consultant returned to the site yesterday and completed a second NORM survey using the appropriate procedure. A copy of the new survey report is attached.  
-George

*George C. Robinson, PE*  
*Cypress Engineering Services, Inc.*  
*7171 Highway 6 North, Ste 102*

11/29/2006

contaminated with NORM".

A copy of the lab report for waste characterization samples is attached. Laboratory results indicate that the soil is "non-hazardous" and that the TPH concentration for both samples is below 1000 mg/kg.

Please review and respond to this request at your earliest convenience. If you have any questions regarding this request, please contact me at (281) 797-3420.

Thank you,  
George

*George C. Robinson, PE  
Cypress Engineering Services, Inc.  
7171 Highway 6 North, Ste 102  
Houston, TX 77095-2422*

*george.robinson@cypressinc.us*  
*(281) 797-3420 (cell)*  
*(281) 859-1881 (fax)*

---

**From:** George Robinson [mailto:george.robinson@cypressinc.us]  
**Sent:** Thursday, November 02, 2006 12:15 PM  
**To:** Brad Jones (brad.a.jones@state.nm.us)  
**Cc:** John Steenberg; Brandon Powell (brandon.powell@state.nm.us); Earl Chanley; 'George Friend'  
**Subject:** Transwestern Pipeline Thoreau Station - Proposed Soil Characterization Plan

Brad,  
As you and George Friend discussed yesterday, we have prepared a soil sampling plan for waste characterization for the soil currently stockpiled at the facility. A copy of the soil characterization plan is attached for your review and approval. If laboratory results confirm that the soil is non-hazardous and contains a TPH concentration below 1000 mg/kg, then we will follow-up with a request to transport the soil to either the WMI Tri-Sect landfill facility or the WMI Rio Rancho landfill facility.  
Thank you,  
George

*George C. Robinson, PE  
Cypress Engineering Services, Inc.  
7171 Highway 6 North, Ste 102  
Houston, TX 77095-2422*

*george.robinson@cypressinc.us*  
*(281) 797-3420 (cell)*  
*(281) 859-1881 (fax)*

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11/29/2006



# ERG

## Thoreau NM Field Notes

**DATE:** 11/29/2006**PAGES:** 2**TO:** Brad Jones**FROM:** Kenneth R. Baker**COMPANY:** NMED**FAX #:** (505) 797-1404**FAX #:** 15054763462**VOICE #:** (505) 298-4224

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**MESSAGE:**

George Friend of Cypress Engineering requested that we send you copies of the field notes.

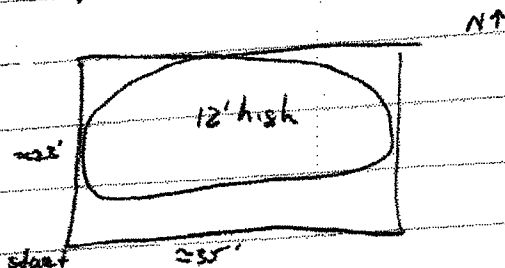
27NOV06 Transwestern Pipeline Station #5 Thoreau, NM

0930 - EEG office func Check Model 19 #221521  
 BKG 11 mR Cs-137 4097-03 6.5 mR @ 1.27-03  
 50 mR

1245 - @ site func check Model 19 (on hood of truck)  
 BKG Cs-137  
 7 mR 42 mR

BKG Measurements vacant field N TW. office  
 m(6)  $\approx 90'$   
 8, 8, 8, 8, 8, 8,

Pile



Start SW corner counter clockwise  $\approx 3'$

7	9	8.5	8.5	9	8.5
7	8	8	8.5	8	8
7	8.5	8	8	8	8
8	9	7.5	8	8	8
8	9.5	8	9	8	8
8	9	8.5	8.5	8	8
9	9	8.5	8	8	8
8.5	8	8	8	8	8
9	8	8	8	9	8
9	8	8	8	9	8

56

# TRANSACTION REPORT

P.01

NOV-29-2006 WED 11:23 AM

FOR:

RECEIVE

DATE	START	SENDER	RX TIME	PAGES	TYPE	NOTE	M#	DP
NOV-29	11:17 AM	505 797 1404	5' 32"	2	RECEIVE	OK		

\*\*\*\*\*



Environmental Restoration Group, Inc.  
8809 Washington St NE, Suite 150  
Albuquerque, NM 87113  
(505) 298-4224

November 27, 2006

Mr. George Friend  
Cypress Engineering  
7171 Highway 6 North, Ste 102  
Houston, Texas  
77095-2422

Mr. Friend,

On November 27, 2006, ERG personnel surveyed a soil pile and soil berm for Naturally Occurring Radioactive Materials (NORM) contamination at the Transwestern Pipeline Station #5 in Thoreau, New Mexico. The survey was performed using a Ludlum Model 19 micro-R survey meter, Serial Number 221521. A copy of the Certificate of Calibration is attached.

The survey meter was function-checked before and after performing the survey using a Cs-137 radiological check source. The instrument functioned within normal operating parameters. A copy of the function check form and the check source certificate are attached.

Six background measurements were made in a vacant field north of the Transwestern Pipelines office. The measurements were made holding the meter within 1 cm of the ground surface. All measurements of background exposure levels for the site were 8.0 microR/hr.

The soil pile surveyed is located southeast of the office, between the Mist Extractor and the Pig Receiver. The pile is approximately 35 feet long, 23 feet wide and 12 feet high. It is surrounded by a 3-foot soil berm. Fifty-six measurements were made on the berm and pile with the meter held within 1 cm of the soil surface. The measurements ranged between 7.0 and 9.5 microR/hr.

There is no observable difference between the exposure levels measured at the background location and those measured at the soil pile and berm since the difference is within the natural variation of the meter readings. Based on these findings it is believed the soils surveyed are not contaminated with NORM and meet the requirements for exemption as published in New Mexico Administrative Code 20.3.14.1403.

Please advise me if you need additional information.

Sincerely,

A handwritten signature in cursive script that reads "Kenneth R. Baker". The ink is dark and the signature is fluid.

Kenneth R. Baker  
Principal



Transwestern Pipeline  
Site: Station #15- office

Serial No. 22/5-2/

Cal. Due Date 15 Oct 07

Serial No. \_\_\_\_\_

Cal. Due Date \_\_\_\_\_

Activity: 6.5<sup>th</sup> U.C. on 1/27/07

Serial No. 4097-03

Notes: \_\_\_\_\_

[illegible]

Date: 11/27/06



## Certificate of Registration

Kenneth R. Baker, PhD

Name

3709 Westerfeld NE, Suite B

Street Address

Environmental Restoration Group

Organization

Albuquerque

City

NM

State/Province

87111

Zip/Postal Code

Registration  
Number(s)

Radiological Service Specialty(s) For Which Certification Is Issued

Expiration Date(s)

245 - 8H Qualified Expert in Health Physics

Mar 31, 2008

Qualified expert for the specialty of health physics.

- 1) The registrant is entitled to provide radiation safety services and consultation including monitoring, instrumentation, and application of related activities, as specified in Subpart 1, Paragraph 106.CC., of the New Mexico Radiation Protection Regulations.
- 2) This registration does not entitle the registrant to hold himself/herself out as a medical physicist or a qualified expert in medical physics.
- 3) This registration does not entitle the registrant to calibrate, service, or install radiation emitting devices.
- 4) The registrant is responsible for ensuring that all personnel performing service under this registration do so under the direct supervision and oversight of the registrant, and that they possess adequate credentials to discharge their duties.

481 - 3 Calibration of Radiation Detection Instruments and Devices

Mar 31, 2008

Calibration of radiation detection instruments or devices.

- 1) Radioactive sources and electronic devices used to calibrate radiation detection instruments and devices shall be National Institute of Standards and Technology (NIST) traceable.
- 2) The registrant is responsible for ensuring that all personnel performing service under this registration possess adequate experience and training on radiation interactions and methods necessary to properly calibrate said instruments and devices.

In accordance with Part 2 of the New Mexico Radiation Protection Regulations (20.3.2 NMAC), the above named person or organization is registered with the New Mexico Radiation Control Bureau as having the necessary training and knowledge to provide radiological services in the specialty(s) indicated above. These services will be provided in New Mexico to both public and private concerns, and to licensees and registrants of the New Mexico Radiation Control Bureau. The registrant shall not perform services which are not specifically indicated by this certificate and its provisions, and is subject to all applicable requirements of the New Mexico Radiation Protection Regulations (20.3 NMAC). The registrant is responsible for applying for timely renewal of registration(s) as they expire individually, and shall notify this Bureau in writing before making any changes which would render the information contained in this certificate to be inaccurate. New Mexico Radiation Control Bureau, PO Box 26110, Santa Fe, New Mexico 87502-6110, phone (505)476-3236.

POST OR FILE.

This certificate and its provisions must  
be available for inspection.

  
Stanley Fitch

Radiation Control Bureau

New Mexico Environment Department

3/3/2003

(Date)



Designer and Manufacturer  
of  
Scientific and Industrial  
Instruments

# CERTIFICATE OF CALIBRATION

**LUDLUM MEASUREMENTS, INC.**  
POST OFFICE BOX 810 PH. 325-235-5494  
501 OAK STREET FAX NO. 325-235-4672  
SWEETWATER, TEXAS 79556, U.S.A.

CUSTOMER ENVIRONMENTAL RESTORATION GRP ORDER NO. 264544/306669

Mfg. Ludlum Measurements, Inc. Model 19 Serial No. 221521

Mfg. \_\_\_\_\_ Model \_\_\_\_\_ Serial No. \_\_\_\_\_

Cal. Date 15-Oct-06 Cal Due Date 15-Oct-07 Cal. Interval 1 Year Meterface 202-1070

Check mark ☒ applies to applicable instr. and/or detector IAW mfg. spec. T. 74 °F RH 57 % Alt 693.8 mm Hg

☐ New Instrument ☐ Instrument Received ☐ Within Toler.  $\pm 10\%$  ☒ 10-20% ☐ Out of Tol. ☐ Requiring Repair ☐ Other-See comments

☒ Mechanical ck. ☒ Meter Zeroed ☐ Background Subtract ☐ Input Sens. Linearity

☒ F/S Resp. ck. ☒ Reset ck. ☐ Window Operation ☐ Geotropism

☒ Audio ck. ☐ Alarm Setting ck. ☒ Batt. ck. (Min. Volt) 2.2 VDC

☐ Calibrated in accordance with LMI SOP 14.8 rev 12/05/89. ☒ Calibrated in accordance with LMI SOP 14.9 rev 02/07/97.

Instrument Volt Set 800 V Input Sens. 29 mV Det. Oper. \_\_\_\_\_ V at \_\_\_\_\_ mV Threshold Dial Ratio \_\_\_\_\_ = \_\_\_\_\_ mV

☒ HV Readout (2 points) Ref./Inst. 500 / 513 V Ref./Inst. 1000 / 997 V

## COMMENTS:

Gamma Calibration: GM detectors positioned perpendicular to source except for M 44-9 in which the front of probe faces source.

RANGE/MULTIPLIER	REFERENCE CAL. POINT	INSTRUMENT REC'D "AS FOUND READING"	INSTRUMENT METER READING*
5000	4000 $\mu$ R/hr	3800	4000
5000	1000 $\mu$ R/hr	850	1000
500	400 $\mu$ R/hr = 72200 cpm	390	400
500	100 $\mu$ R/hr	90	100
250	200 $\mu$ R/hr = 35800 cpm	200	200
250	100 $\mu$ R/hr	100	100
50	7220 cpm	39.5	40
50	1805 cpm	9.5	10
25	3580 cpm	20	20
25	895 cpm	10	10

\*Uncertainty within  $\pm 10\%$  C.F. within  $\pm 20\%$

Range(s) Calibrated Electronically

REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*	REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*
Digital Readout			Log Scale		

Ludlum Measurements, Inc. certifies that the above instrument has been calibrated by standards traceable to the National Institute of Standards and Technology, or to the calibration facilities of other International Standards Organization members, or have been derived from accepted values of natural physical constants or have been derived by the ratio type of calibration techniques. The calibration system conforms to the requirements of ANSI/NCSL Z540-1-1994 and ANSI N323-1978. State of Texas Calibration License No. LO-1963

Reference Instruments and/or Sources: ☐ S-394 ☐ I122 ☐ 781

Cs-137 Gamma S/N ☐ I1162 ☐ G112 ☒ M565 ☐ 5105 ☐ T1008 ☐ T879 ☐ E552 ☐ E551 ☐ 720 ☐ 734 ☐ I616 ☐ Neutron Am-241 Be S/N T-304

☐ Alpha S/N \_\_\_\_\_ ☐ Beta S/N \_\_\_\_\_ ☐ Other \_\_\_\_\_

☒ m 500 S/N 141240 ☐ Oscilloscope S/N \_\_\_\_\_ ☒ Multimeter S/N 71300492

Calibrated By: Veronica Ouelas Date 15 Oct 06

Reviewed By: Rhonda Harris Date 15 Oct 06

This certificate shall not be reproduced except in full, without the written approval of Ludlum Measurements, Inc.  
FORM C22A 06/02/2006

AC Inst. ☐ Passed Dielectric (Hi-Pot) and Continuity Test  
Only ☐ Failed:



**EBERLINE**  
SERVICES

## CERTIFICATE OF CALIBRATION

### Gamma Standard

S.O.# 4010  
P.O.# N/A

#### Description of Standard:

Model No. CS-7Asp Serial No. 4097-03 Isotope Cs-137  
The source of gamma radiation is mounted on a 2.54 cm diameter PLASTIC  
disc, 3 mm thick and sealed in a PLASTIC RESIN.

#### Measurement Method:

The gamma ray emission rate was compared with a similar standard, which was calibrated by NIST S/N 2752-91. The comparison of relative gamma ray emission rates was accomplished using a high resolution gamma-ray detector (nominal active volume 100 cm<sup>3</sup>) and a multichannel pulse height analyzer.

#### Measurement Result:

The gamma ray activity of the standard on 1-27-2003 was 6.5  $\mu$ Ci.  
The uncertainty of the measurement is 2.2%, which is the sum of the uncertainty assigned to the NIST reference (2.2 %), random counting error at the 99% confidence level, and the estimated upper limit of systematic errors.

Calibrated by: ART REUST

Reviewed by: Donna H. Garcia

Calibration Technician: Art Reust

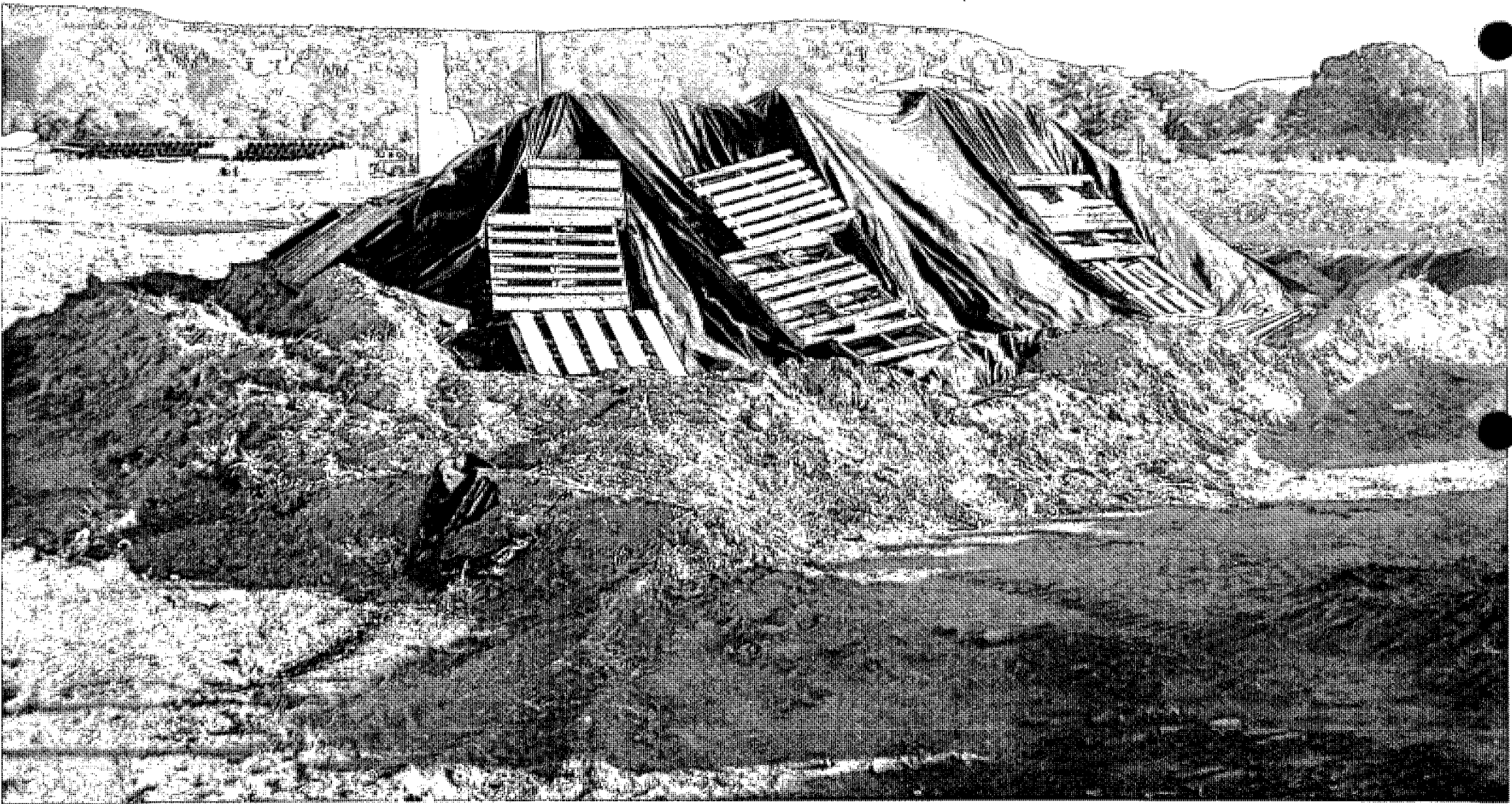
Q.A. Representative: Anthony W. Toth

Calibration Date: 1-27-2003

Reviewed Date: 1-28-03

Analytical Services  
7021 Pan American Freeway NE  
Albuquerque, New Mexico 87109-4238  
(505) 345-3461 Fax (505) 761-5416  
Toll Free (866) RAD-LABS (723-5227)  
[www.eberlineservices.com](http://www.eberlineservices.com)











**Chavez, Carl J, EMNRD**

**From:** Chavez, Carl J, EMNRD  
**Sent:** Wednesday, November 22, 2006 1:50 PM  
**To:** 'George Robinson'  
**Cc:** John Steenberg; 'George Friend'; Jones, Brad A., EMNRD; Price, Wayne, EMNRD; Powell, Brandon, EMNRD  
**Subject:** RE: Transwestern Pipeline Thoreau Station - Request to transport non-exempt non-haz oil field waste to the Waste Management Tri-Sect landfill facility

Mr. Robinson:

Good afternoon. The OCD is in receipt of your analytical data from contaminated soils near the Transwestern Pipeline Compressor station No. 5 located near Thoreau, NM. The OCD Regulations (19.15.9.712 NMAC) at <http://www.emnrd.state.nm.us/ocd/documents/RULEBOOK060825.pdf> determine the process that the OCD may approve disposal of exempt and non-exempt (non-hazardous) oilfield waste(s) at solid waste landfills in New Mexico. In this request, PCBs, NORM and TCLP testing are under review.

I must refer your request for disposal to Mr. Brad Jones and Mr. Wayne Price who will be back next week, November 28, 2006. Based on my preliminary review, there may be some issues that need to be addressed before the OCD may approve such a request. Some issues that may need to be discussed are:

The OCD notices that Aroclor 1248 (PCB) is present in both Stockpile West and East soil samples in marginal concentrations; however, it is not clear whether an investigation and proper characterization of PCBs (discrete soil sample concentrations) were performed based on the massive volume of soils you are requesting to dispose of. In addition, It is not clear whether the pipeline contains PCBs. In order to cover any federal regulations that could apply due to the detection of PCBs, you may want to contact the USEPA for any applicable federal guidance on PCB contamination under 40 CFR 761.30 or at <http://www.epa.gov/pcb/pubs/guidance.html> (gas pipeline owners and PCB waste) that could also apply to this situation.

With respect to NORM monitoring and 20.3.14.1403 NMAC, background and discrete monitoring is generally performed within 1 cm from ground surface; however, your monitoring meter measurements were taken from about 1 meter above ground surface.

I'm sure Mr. Jones, who is most familiar with your request, will be able to communicate and assist you next week when he returns. Thank you for contacting the Oil Conservation Division.

---

**From:** George Robinson [mailto:george.robinson@cypressinc.us]  
**Sent:** Friday, November 17, 2006 3:21 PM  
**To:** Chavez, Carl J, EMNRD  
**Cc:** John Steenberg; 'George Friend'; Jones, Brad A., EMNRD; Price, Wayne, EMNRD  
**Subject:** RE: Transwestern Pipeline Thoreau Station - Request to transport non-exempt non-haz oil field waste to the Waste Management Tri-Sect landfill facility

Carl,  
 We request approval from the NMOCD to transport for disposal 130 cu.yds. of contaminated soil to the Waste Management Tri-Sect landfill facility located near Los Lunas, NM. The contaminated soil was generated during construction activities at the Transwestern Pipeline Compressor Station No. 5 located near Thoreau, NM. A brief description of the waste generation activity is provided in the attached "waste characterization sampling plan." The sampling plan was reviewed and approved through the NMOCD by Brad Jones. Subsequently, TW has completed a NORM survey and soil sampling and analysis for waste characterization.

A copy of the NORM survey report is attached. The report concludes that "the soils surveyed are not contaminated with NORM".

A copy of the lab report for waste characterization samples is attached. Laboratory results indicate that the soil is "non-hazardous" and that the TPH concentration for both samples is below 1000 mg/kg.

Please review and respond to this request at your earliest convenience. If you have any questions regarding this request, please contact me at (281) 797-3420.

11/22/2006

Thank you,  
George

*George C. Robinson, PE  
Cypress Engineering Services, Inc.  
7171 Highway 6 North, Ste 102  
Houston, TX 77095-2422*

*george.robinson@cypressinc.us*  
*(281) 797-3420 (cell)*  
*(281) 859-1881 (fax)*

---

**From:** George Robinson [mailto:george.robinson@cypressinc.us]  
**Sent:** Thursday, November 02, 2006 12:15 PM  
**To:** Brad Jones (brad.a.jones@state.nm.us)  
**Cc:** John Steenberg; Brandon Powell (brandon.powell@state.nm.us); Earl Chanley; 'George Friend'  
**Subject:** Transwestern Pipeline Thoreau Station - Proposed Soil Characterization Plan

Brad,

As you and George Friend discussed yesterday, we have prepared a soil sampling plan for waste characterization for the soil currently stockpiled at the facility. A copy of the soil characterization plan is attached for your review and approval. If laboratory results confirm that the soil is non-hazardous and contains a TPH concentration below 1000 mg/kg, then we will follow-up with a request to transport the soil to either the WMI Tri-Sect landfill facility or the WMI Rio Rancho landfill facility.

Thank you,  
George

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*(281) 797-3420 (cell)*  
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**Chavez, Carl J, EMNRD**

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**Cc:** John Steenberg; 'George Friend'; Jones, Brad A., EMNRD; Price, Wayne, EMNRD  
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 George

*George C. Robinson, PE  
 Cypress Engineering Services, Inc.  
 7171 Highway 6 North, Ste 102  
 Houston, TX 77095-2422*

[george.robinson@cypressinc.us](mailto:george.robinson@cypressinc.us)  
 (281) 797-3420 (cell)

11/20/2006





Cypress Engineering

7171 Highway 6 North, Suite 102  
Houston, Texas 77095-2422

(281) 797-3420 office  
(281) 859-1881 fax

November 1, 2006

Mr. Brad Jones  
Environmental Bureau  
New Mexico Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

RE: Proposed Waste Characterization of Excavated Soil  
Transwestern Pipeline Company  
Thoreau Compressor Station  
McKinley County, New Mexico

Dear Brad,

In the course of recent construction activities, approximately 130 cu.yds. of soil were excavated from around the pig receiver located near the southeast corner of the facility. The soil is contaminated with pipeline condensate liquids and must be characterized for disposal. Presently, the soil is stockpiled on plastic sheeting within a bermed area at the site. The stockpile is also covered with plastic sheeting.

The construction activities were initiated in order to replace the existing pig receiver with a longer pig receiver. The longer pig receiver will facilitate running "smart pigs" through the pipeline. A petroleum hydrocarbon odor was noted as soil was excavated from around the concrete pedestal supporting the receiver. Subsequently, a soil sample was collected and submitted to a laboratory for analysis. Laboratory results confirmed that the soil sample contained elevated concentrations of Total Petroleum Hydrocarbons (TPH).

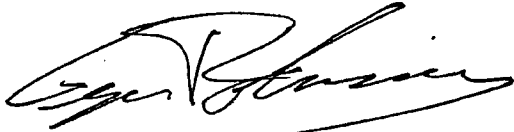
At the time that the initial soil sample was collected, only about half of the total volume of excavated soil was accumulated in the soil stockpile area. The other half of soil from the excavated area was in use to facilitate construction activities. This soil was later moved to the soil stockpile area. At present, there is approximately 130 cu.yds. of contaminated soil stockpiled on-site.

Cypress Engineering, on behalf of Transwestern Pipeline Company, proposes to resample the soil stockpile for waste characterization purposes. Two composite soil samples will be collected; one from the east half of the stockpile and another from the west half. Each composite sample will be created from five grab samples. The grab samples will be collected at random locations and from a depth of 12 inches beneath the soil surface. The two composite soil samples will be submitted to a laboratory for analysis for TPH by Method 8015mod (GRO and DRO), total RCRA metals, total VOCs, total SVOCs, and RCI (reactivity, corrosivity, and ignitability). On-site management and/or off-site disposal of the stockpiled soil will be determined based upon the results of the proposed waste characterization sampling.



If you have any questions or comments regarding the proposed waste characterization sampling, please contact me at (281) 797-3420.

Sincerely,

A handwritten signature in black ink, appearing to read "George C. Robinson". The signature is fluid and cursive, with a large, sweeping "G" and "R".

George C. Robinson, PE  
President

xc:     Brandon Powell     NMOCD Aztec District Office  
         John Steenberg     Transwestern Pipeline Company



Environmental Restoration Group, Inc.  
8609 Washington St NE, Suite 150  
Albuquerque, NM 87113  
(505) 298-4224

November 9, 2006

Mr. George Friend  
Cypress Engineering  
7171 Highway 6 North, Ste 102  
Houston, Texas  
77095-2422

Mr. Friend,

On November 8, 2006, ERG personnel surveyed a soil pile and soil berm for Naturally Occurring Radioactive Materials (NORM) contamination at the Transwestern Pipeline Station #5 in Thoreau, New Mexico. The survey was performed using a Ludlum Model 19 micro-R survey meter, Serial Number 221521. A copy of the Certificate of Calibration is attached.

The survey meter was function-checked before and after performing the survey using a Cs-137 radiological check source. The instrument functioned within normal operating parameters. A copy of the function check form and the check source certificate are attached.

Background measurements were made in a vacant field north of the Transwestern Pipelines office. The measurements were made holding the meter at waist level, approximately one meter above ground surface. Background exposure levels for the site are 8.0 microR/hr.

The soil pile surveyed is located southeast of the office, between the Mist Extractor and the Pig Receiver. The pile is approximately 35 feet long, 23 feet wide and 12 feet high. It is surrounded by a 3 foot soil berm. Fifty six measurements were made on the berm and pile. The measurements ranged between 7.5 and 9.0 microR/hr.

There is no observable difference between the exposure levels measured at the background location and those measured at the soil pile and berm. Based on these findings it is believed the soils surveyed are not contaminated with NORM and meet the requirements for exemption as published in New Mexico Administrative Code 20.3.14.1403.

Please advise me if you need additional information.

Sincerely,

A handwritten signature in cursive script that reads 'Kenneth R. Baker'.

Kenneth R. Baker  
Principal



## Certificate of Registration

Kenneth R. Baker, PhD

3709 Westerfeld NE, Suite B

Name

Street Address

Environmental Restoration Group

Albuquerque

NM 87111

Organization

City

State/Province Zip/Postal Code

### Registration

Number(s) Radiological Service Specialty(s) For Which Certification is Issued Expiration Date(s)

245 - 8H Qualified Expert in Health Physics

Mar 31, 2008

Qualified expert for the specialty of health physics.

- 1) The registrant is entitled to provide radiation safety services and consultation including monitoring, instrumentation, and application of related activities, as specified in Subpart 1, Paragraph 106.CC., of the New Mexico Radiation Protection Regulations.
- 2) This registration does not entitle the registrant to hold himself/herself out as a medical physicist or a qualified expert in medical physics.
- 3) This registration does not entitle the registrant to calibrate, service, or install radiation emitting devices.
- 4) The registrant is responsible for ensuring that all personnel performing service under this registration do so under the direct supervision and oversight of the registrant, and that they possess adequate credentials to discharge their duties.

481 - 3 Calibration of Radiation Detection Instruments and Devices

Mar 31, 2008

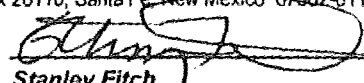
Calibration of radiation detection instruments or devices.

- 1) Radioactive sources and electronic devices used to calibrate radiation detection instruments and devices shall be National Institute of Standards and Technology (NIST) traceable.
- 2) The registrant is responsible for ensuring that all personnel performing service under this registration possess adequate experience and training on radiation interactions and methods necessary to properly calibrate said instruments and devices.

In accordance with Part 2 of the New Mexico Radiation Protection Regulations (20.3.2 NMAC), the above named person or organization is registered with the New Mexico Radiation Control Bureau as having the necessary training and knowledge to provide radiological services in the specialty(s) indicated above. These services will be provided in New Mexico to both public and private concerns, and to licensees and registrants of the New Mexico Radiation Control Bureau. The registrant shall not perform services which are not specifically indicated by this certificate and its provisions, and is subject to all applicable requirements of the New Mexico Radiation Protection Regulations (20.3 NMAC). The registrant is responsible for applying for timely renewal of registration(s) as they expire individually, and shall notify this Bureau in writing before making any changes which would render the information contained in this certificate to be inaccurate. New Mexico Radiation Control Bureau, PO Box 26110, Santa Fe, New Mexico 87502-6110, phone (505)476-3236.

### POST OR FILE.

This certificate and its provisions must  
be available for inspection.

  
Stanley Fitch

Radiation Control Bureau  
New Mexico Environment Department

3/3/2003

(Date)

**ERG**

Transwestern Pipeline  
Site: Station #5 office

## Daily Function Check Form

Ratemeter: Ludlum Model 19  
 Detector: \_\_\_\_\_  
 Source: Cs-137  
 Distance to Source: ≈ 6"

Serial No. 221521  
Serial No. \_\_\_\_\_  
Activity: 6.54C: ©1-27-03

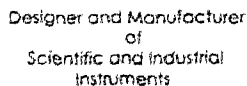
Cal. Due Date 15 OCT 07  
Cal. Due Date \_\_\_\_\_  
Serial No. 4097-03

Notes: \_\_\_\_\_

[illegible]

Reviewed By: Clark P. 2

Date: 11/9/06



**LUDLUM MEASUREMENTS, INC.**

POST OFFICE BOX 810 PH. 325-235-5494  
501 OAK STREET FAX NO. 325-235-4672  
SWEETWATER, TEXAS 79556 U.S.A.

CUSTOMER ENVIRONMENTAL RESTORATION GRP

ORDER NO. 264544/306669

Mfg. Ludlum Measurements, Inc. Model 19 Serial No. 221521

Mfg.	Model	Serial No.
------	-------	------------

Cal. Date	15-Oct-06	Cal Due Date	15-Oct-07	Cal. Interval	1 Year	Meterface	202-1070
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Check mark ☒ applies to applicable instr. and/or detector IAW mfg. spec. T. 74 °F RH 57 % Alt 693.8 mm Hg

New Instrument    Instrument Received    ☐ Within Toler.  $\pm 10\%$     ☒ 10-20%    ☐ Out of Tol.    ☐ Requiring Repair    ☐ Other-See comments

☒ Mechanical ck.      ☒ Meter Zeroed      ☐ Background Subtract      ☐ Input Sens. Linearity

☒ F/S Resp. ck      ☒ Reset ck.      ☐ Window Operation      ☐ Geotropism

☒ Audio ck.      ☐ Alarm Setting ck.      ☒ Batt. ck. (Min. Volt) 2.2 VDC

Calibrated in accordance with LMI SOP 14.8 rev 12/05/89. ☒ Calibrated in accordance with LMI SOP 14.9 rev 02/07/97.

Instrument Volt Set 800 V Input Sens. 29 mV Det. Oper. \_\_\_\_\_ V at \_\_\_\_\_ mV Threshold Dial Ratio \_\_\_\_\_ = \_\_\_\_\_ mV

✓ HV Readout (2 points) Ref./Inst. 500 / 513 V Ref./Inst. 1000 / 997 V

COMMENTS:

**Gamma Calibration.** GM detectors positioned perpendicular to source except for M 44-9 in which the front of probe faces source.

RANGE/MULTIPLIER	REFERENCE CAL. POINT	INSTRUMENT REC'D "AS FOUND READING"	INSTRUMENT METER READING*
5000	4000 $\mu$ R/hr	3800	4000
5000	1000 $\mu$ R/hr	850	1000
500	400 $\mu$ R/hr = 7220 cpm	390	400
500	100 $\mu$ R/hr	90	100
250	200 $\mu$ R/hr = 3580 cpm	200	200
250	100 $\mu$ R/hr	100	100
50	7220 cpm	39.5	40
50	1805 cpm	9.5	10
25	3580 cpm	20	20
25	895 cpm	10	10

\*Uncertainty within  $\pm 10\%$  C.F. within  $\pm 20\%$

Range(s) Calibrated Electronically

REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*	Log Scale	REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*
Digital Readout						

Ludlum Measurements, Inc. certifies that the above instrument has been calibrated by standards traceable to the National Institute of Standards and Technology, or to the calibration facilities of other international Standards Organization members, or have been derived from accepted values of natural physical constants or have been derived by the ratio type of calibration techniques. The calibration system conforms to the requirements of ANSI/NCSL 2540-1:1994 and ANSI N323-1978. State of Texas Calibration License No. LO-1963

Reference Instruments and/or Sources: ☐ S-394 ☐ 1122 ☐ 781

Cs-137 Gamma S/N ☐ 1162 ☐ G112 ☒ MS65 ☐ 5105 ☐ T1008 ☐ T879 ☐ E552 ☐ E551 ☐ 720 ☐ 734 ☐ 1616 ☐ Neutron Am-241 Be S/N T-304

Alpha S/N  ☐ Beta S/N  ☐ Other

☒ m 500 S/N 141240 ☐ Oscilloscope S/N ☒ Multimeter S/N 71300492

Calibrated By: Veronica Quiñelas Date: 15 Oct 06

Reviewed By: Khanda Hama Date: 15 Oct 06

This certificate shall not be reproduced except in full, without the written approval of Ludlum Measurements, Inc.  
FORM C22A 06/02/2006

AC Inst. Passed Dielectric (Hi-Pot) and Continuity Test  
Only Failed:



**EBERLINE**  
SERVICES

## CERTIFICATE OF CALIBRATION

### Gamma Standard

S.O.# 4010  
P.O.# N/A

#### Description of Standard:

Model No. CS-7Asp Serial No. 4097-03 Isotope Cs-137  
The source of gamma radiation is mounted on a 2.54 cm diameter PLASTIC  
disc, 3 mm thick and sealed in a PLASTIC RESIN.

#### Measurement Method:

The gamma ray emission rate was compared with a similar standard, which was calibrated by NIST S/N 2752-91. The comparison of relative gamma ray emission rates was accomplished using a high resolution gamma-ray detector (nominal active volume 100 cm<sup>3</sup>) and a multichannel pulse height analyzer.

#### Measurement Result:

The gamma ray activity of the standard on 1-27-2003 was 6.5  $\mu$ Ci.  
The uncertainty of the measurement is 2.2%, which is the sum of the uncertainty assigned to the NIST reference (2.2%), random counting error at the 99% confidence level, and the estimated upper limit of systematic errors.

Calibrated by: ART REUST

Reviewed by: Deborah A. Barlow

Calibration Technician: Art Reust

Q.A. Representative: Anthony W. Toth

Calibration Date: 1-27-2003

Reviewed Date: 1-28-03

Analytical Services  
7021 Pan American Freeway NE  
Albuquerque, New Mexico 87109-4238  
(505) 345-3461 Fax (505) 761-5416  
Toll Free (866) RAD-LABS (723-5227)  
[www.eberlineservices.com](http://www.eberlineservices.com)

# Hall Environmental Analysis Laboratory, Inc.

Date: 17-Nov-06

<b>CLIENT:</b>	Cypress Engineering	<b>Client Sample ID:</b>	Stockpile West
<b>Lab Order:</b>	0611103	<b>Collection Date:</b>	11/8/2006 9:00:00 AM
<b>Project:</b>	Sta #5 Pig Barrel	<b>Date Received:</b>	11/8/2006
<b>Lab ID:</b>	0611103-01	<b>Matrix:</b>	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8082: PCB'S</b>						
						Analyst: JAT
Aroclor 1016	ND	0.10		mg/Kg	5	11/15/2006 3:32:24 PM
Aroclor 1221	ND	1.2		mg/Kg	5	11/15/2006 3:32:24 PM
Aroclor 1232	ND	0.10		mg/Kg	5	11/15/2006 3:32:24 PM
Aroclor 1242	ND	0.10		mg/Kg	5	11/15/2006 3:32:24 PM
Aroclor 1248	2.6	0.10		mg/Kg	5	11/15/2006 3:32:24 PM
Aroclor 1254	ND	0.10		mg/Kg	5	11/15/2006 3:32:24 PM
Aroclor 1260	ND	0.10		mg/Kg	5	11/15/2006 3:32:24 PM
Surr: Decachlorobiphenyl	90.0	50.1-115		%REC	5	11/15/2006 3:32:24 PM
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
						Analyst: SCC
Diesel Range Organics (DRO)	360	10		mg/Kg	1	11/13/2006 10:33:54 PM
Motor Oil Range Organics (MRO)	120	50		mg/Kg	1	11/13/2006 10:33:54 PM
Surr: DNOP	100	61.7-135		%REC	1	11/13/2006 10:33:54 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
						Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/10/2006 2:56:44 PM
Surr: BFB	113	84.5-129		%REC	1	11/10/2006 2:56:44 PM
<b>EPA METHOD 8270C: SEMIVOLATILES</b>						
						Analyst: BL
Acenaphthene	ND	0.20		mg/Kg	1	11/16/2006
Acenaphthylene	ND	0.20		mg/Kg	1	11/16/2006
Aniline	ND	0.20		mg/Kg	1	11/16/2006
Anthracene	ND	0.20		mg/Kg	1	11/16/2006
Azobenzene	ND	0.20		mg/Kg	1	11/16/2006
Benz(a)anthracene	ND	0.25		mg/Kg	1	11/16/2006
Benzo(a)pyrene	ND	0.20		mg/Kg	1	11/16/2006
Benzo(b)fluoranthene	ND	0.20		mg/Kg	1	11/16/2006
Benzo(g,h,i)perylene	ND	0.30		mg/Kg	1	11/16/2006
Benzo(k)fluoranthene	ND	0.50		mg/Kg	1	11/16/2006
Benzoic acid	ND	0.50		mg/Kg	1	11/16/2006
Benzyl alcohol	ND	1.0		mg/Kg	1	11/16/2006
Bis(2-chloroethoxy)methane	ND	0.50		mg/Kg	1	11/16/2006
Bis(2-chloroethyl)ether	ND	0.25		mg/Kg	1	11/16/2006
Bis(2-chloroisopropyl)ether	ND	0.50		mg/Kg	1	11/16/2006
Bis(2-ethylhexyl)phthalate	0.53	0.20		mg/Kg	1	11/16/2006
4-Bromophenyl phenyl ether	ND	0.25		mg/Kg	1	11/16/2006
Butyl benzyl phthalate	ND	0.20		mg/Kg	1	11/16/2006
Carbazole	ND	0.20		mg/Kg	1	11/16/2006
4-Chloro-3-methylphenol	ND	0.20		mg/Kg	1	11/16/2006

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
E Value above quantitation range	H Holding times for preparation or analysis exceeded	
J Analyte detected below quantitation limits	MCL Maximum Contaminant Level	
ND Not Detected at the Reporting Limit	RL Reporting Limit	
S Spike recovery outside accepted recovery limits		

## Hall Environmental Analysis Laboratory, Inc.

Date: 17-Nov-06

CLIENT: Cypress Engineering  
 Lab Order: 0611103  
 Project: Sta #5 Pig Barrel  
 Lab ID: 0611103-01

Client Sample ID: Stockpile West  
 Collection Date: 11/8/2006 9:00:00 AM  
 Date Received: 11/8/2006  
 Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: BL
4-Chloroaniline	ND	0.20		mg/Kg	1	11/16/2006
2-Chloronaphthalene	ND	0.20		mg/Kg	1	11/16/2006
2-Chlorophenol	ND	0.20		mg/Kg	1	11/16/2006
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg	1	11/16/2006
Chrysene	ND	0.20		mg/Kg	1	11/16/2006
Di-n-butyl phthalate	ND	0.50		mg/Kg	1	11/16/2006
Di-n-octyl phthalate	ND	0.50		mg/Kg	1	11/16/2006
Dibenz(a,h)anthracene	ND	0.25		mg/Kg	1	11/16/2006
Dibenzofuran	ND	0.50		mg/Kg	1	11/16/2006
1,2-Dichlorobenzene	ND	0.20		mg/Kg	1	11/16/2006
1,3-Dichlorobenzene	ND	0.20		mg/Kg	1	11/16/2006
1,4-Dichlorobenzene	ND	0.20		mg/Kg	1	11/16/2006
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg	1	11/16/2006
Diethyl phthalate	ND	0.20		mg/Kg	1	11/16/2006
Dimethyl phthalate	ND	0.20		mg/Kg	1	11/16/2006
2,4-Dichlorophenol	ND	0.20		mg/Kg	1	11/16/2006
2,4-Dimethylphenol	ND	0.20		mg/Kg	1	11/16/2006
4,6-Dinitro-2-methylphenol	ND	0.50		mg/Kg	1	11/16/2006
2,4-Dinitrophenol	ND	0.50		mg/Kg	1	11/16/2006
2,4-Dinitrotoluene	ND	0.20		mg/Kg	1	11/16/2006
2,6-Dinitrotoluene	ND	0.20		mg/Kg	1	11/16/2006
Fluoranthene	ND	0.20		mg/Kg	1	11/16/2006
Fluorene	ND	0.20		mg/Kg	1	11/16/2006
Hexachlorobenzene	ND	0.20		mg/Kg	1	11/16/2006
Hexachlorobutadiene	ND	0.20		mg/Kg	1	11/16/2006
Hexachlorocyclopentadiene	ND	0.25		mg/Kg	1	11/16/2006
Hexachloroethane	ND	0.50		mg/Kg	1	11/16/2006
Indeno(1,2,3-cd)pyrene	ND	0.20		mg/Kg	1	11/16/2006
Isophorone	ND	0.20		mg/Kg	1	11/16/2006
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/16/2006
2-Methylphenol	ND	0.20		mg/Kg	1	11/16/2006
3+4-Methylphenol	ND	0.20		mg/Kg	1	11/16/2006
N-Nitrosodi-n-propylamine	ND	0.20		mg/Kg	1	11/16/2006
N-Nitrosodiphenylamine	ND	0.20		mg/Kg	1	11/16/2006
Naphthalene	ND	0.20		mg/Kg	1	11/16/2006
2-Nitroaniline	ND	0.50		mg/Kg	1	11/16/2006
3-Nitroaniline	ND	0.50		mg/Kg	1	11/16/2006
4-Nitroaniline	ND	0.25		mg/Kg	1	11/16/2006
Nitrobenzene	ND	0.20		mg/Kg	1	11/16/2006
2-Nitrophenol	ND	0.20		mg/Kg	1	11/16/2006

Qualifiers: \* Value exceeds Maximum Contaminant Level  
 E Value above quantitation range  
 J Analyte detected below quantitation limits  
 ND Not Detected at the Reporting Limit  
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 MCL Maximum Contaminant Level  
 RL Reporting Limit



# Hall Environmental Analysis Laboratory, Inc.

Date: 17-Nov-06

CLIENT: Cypress Engineering  
Lab Order: 0611103  
Project: Sta #5 Pig Barrel  
Lab ID: 0611103-01

Client Sample ID: Stockpile West  
Collection Date: 11/8/2006 9:00:00 AM  
Date Received: 11/8/2006  
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8270C: SEMIVOLATILES</b>						Analyst: BL
4-Nitrophenol	ND	0.20		mg/Kg	1	11/16/2006
Pentachlorophenol	ND	0.50		mg/Kg	1	11/16/2006
Phenanthrene	ND	0.20		mg/Kg	1	11/16/2006
Phenol	ND	0.20		mg/Kg	1	11/16/2006
Pyrene	ND	0.20		mg/Kg	1	11/16/2006
Pyridine	ND	0.50		mg/Kg	1	11/16/2006
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg	1	11/16/2006
2,4,5-Trichlorophenol	ND	0.20		mg/Kg	1	11/16/2006
2,4,6-Trichlorophenol	ND	0.20		mg/Kg	1	11/16/2006
Surr: 2,4,6-Tribromophenol	88.0	35.5-141		%REC	1	11/16/2006
Surr: 2-Fluorobiphenyl	77.2	30.4-128		%REC	1	11/16/2006
Surr: 2-Fluorophenol	72.9	28.1-129		%REC	1	11/16/2006
Surr: 4-Terphenyl-d14	70.4	34.6-151		%REC	1	11/16/2006
Surr: Nitrobenzene-d5	73.4	26.5-122		%REC	1	11/16/2006
Surr: Phenol-d5	78.2	37.6-118		%REC	1	11/16/2006
Coumaphos	ND	15		mg/Kg	1	11/16/2006
Fensulfothion	ND	10		mg/Kg	1	11/16/2006
Benzidine	ND	0.20		mg/Kg	1	11/16/2006
N-Nitrosodimethylamine	ND	0		mg/Kg	1	11/16/2006
<b>EPA METHOD 8260B: VOLATILES</b>						Analyst: LMM
Benzene	ND	0.050		mg/Kg	1	11/15/2006
Toluene	ND	0.050		mg/Kg	1	11/15/2006
Ethylbenzene	ND	0.050		mg/Kg	1	11/15/2006
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/15/2006
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/15/2006
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/15/2006
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/15/2006
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/15/2006
Naphthalene	ND	0.10		mg/Kg	1	11/15/2006
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/15/2006
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/15/2006
Acetone	ND	0.75		mg/Kg	1	11/15/2006
Bromobenzene	ND	0.050		mg/Kg	1	11/15/2006
Bromochloromethane	ND	0.050		mg/Kg	1	11/15/2006
Bromodichloromethane	ND	0.050		mg/Kg	1	11/15/2006
Bromoform	ND	0.050		mg/Kg	1	11/15/2006
Bromomethane	ND	0.10		mg/Kg	1	11/15/2006
2-Butanone	ND	0.50		mg/Kg	1	11/15/2006
Carbon disulfide	ND	0.50		mg/Kg	1	11/15/2006

Qualifiers: \* Value exceeds Maximum Contaminant Level  
E Value above quantitation range  
J Analyte detected below quantitation limits  
ND Not Detected at the Reporting Limit  
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
MCL Maximum Contaminant Level  
RL Reporting Limit

# Hall Environmental Analysis Laboratory, Inc.

Date: 17-Nov-06

CLIENT: Cypress Engineering  
Lab Order: 0611103  
Project: Sta #5 Pig Barrel  
Lab ID: 0611103-01

Client Sample ID: Stockpile West  
Collection Date: 11/8/2006 9:00:00 AM  
Date Received: 11/8/2006  
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8260B: VOLATILES</b>						Analyst: LMM
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/15/2006
Chlorobenzene	ND	0.050		mg/Kg	1	11/15/2006
Chloroethane	ND	0.10		mg/Kg	1	11/15/2006
Chloroform	ND	0.050		mg/Kg	1	11/15/2006
Chloromethane	ND	0.050		mg/Kg	1	11/15/2006
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/15/2006
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/15/2006
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/15/2006
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/15/2006
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/15/2006
Dibromochloromethane	ND	0.050		mg/Kg	1	11/15/2006
Dibromomethane	ND	0.10		mg/Kg	1	11/15/2006
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/15/2006
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/15/2006
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/15/2006
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/15/2006
1,1-Dichloroethane	ND	0.10		mg/Kg	1	11/15/2006
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/15/2006
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/15/2006
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/15/2006
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/15/2006
1,1-Dichloropropene	ND	0.10		mg/Kg	1	11/15/2006
Hexachlorobutadiene	ND	0.10		mg/Kg	1	11/15/2006
2-Hexanone	ND	0.50		mg/Kg	1	11/15/2006
Isopropylbenzene	ND	0.050		mg/Kg	1	11/15/2006
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/15/2006
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/15/2006
Methylene chloride	ND	0.15		mg/Kg	1	11/15/2006
n-Butylbenzene	ND	0.050		mg/Kg	1	11/15/2006
n-Propylbenzene	ND	0.050		mg/Kg	1	11/15/2006
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/15/2006
Styrene	ND	0.050		mg/Kg	1	11/15/2006
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/15/2006
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/15/2006
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/15/2006
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/15/2006
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/15/2006
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/15/2006
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/15/2006
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/15/2006

Qualifiers: \* Value exceeds Maximum Contaminant Level  
E Value above quantitation range  
J Analyte detected below quantitation limits  
ND Not Detected at the Reporting Limit  
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
MCL Maximum Contaminant Level  
RL Reporting Limit

**Hall Environmental Analysis Laboratory, Inc.**

Date: 17-Nov-06

**CLIENT:** Cypress Engineering  
**Lab Order:** 0611103  
**Project:** Sta #5 Pig Barrel  
**Lab ID:** 0611103-01

**Client Sample ID:** Stockpile West  
**Collection Date:** 11/8/2006 9:00:00 AM  
**Date Received:** 11/8/2006  
**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8260B: VOLATILES</b>						Analyst: LMM
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/15/2006
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/15/2006
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/15/2006
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/15/2006
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	11/15/2006
Vinyl chloride	ND	0.050		mg/Kg	1	11/15/2006
Xylenes, Total	ND	0.10		mg/Kg	1	11/15/2006
Surr: 1,2-Dichloroethane-d4	70.5	62-127		%REC	1	11/15/2006
Surr: 4-Bromofluorobenzene	80.7	75.2-127		%REC	1	11/15/2006
Surr: Dibromofluoromethane	74.2	68.1-120		%REC	1	11/15/2006
Surr: Toluene-d8	91.3	74-119		%REC	1	11/15/2006

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

# Hall Environmental Analysis Laboratory, Inc.

Date: 17-Nov-06

CLIENT: Cypress Engineering  
Lab Order: 0611103  
Project: Sta #5 Pig Barrel  
Lab ID: 0611103-02

Client Sample ID: Stockpile East  
Collection Date: 11/8/2006 9:05:00 AM  
Date Received: 11/8/2006  
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8082: PCB'S</b>						Analyst: JAT
Aroclor 1016	ND	0.10		mg/Kg	5	11/15/2006 4:59:59 PM
Aroclor 1221	ND	1.2		mg/Kg	5	11/15/2006 4:59:59 PM
Aroclor 1232	ND	0.10		mg/Kg	5	11/15/2006 4:59:59 PM
Aroclor 1242	ND	0.10		mg/Kg	5	11/15/2006 4:59:59 PM
Aroclor 1248	2.4	0.10		mg/Kg	5	11/15/2006 4:59:59 PM
Aroclor 1254	ND	0.10		mg/Kg	5	11/15/2006 4:59:59 PM
Aroclor 1260	ND	0.10		mg/Kg	5	11/15/2006 4:59:59 PM
Surr: Decachlorobiphenyl	92.0	50.1-115		%REC	5	11/15/2006 4:59:59 PM
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						Analyst: SCC
Diesel Range Organics (DRO)	340	10		mg/Kg	1	11/13/2006 11:09:19 PM
Motor Oil Range Organics (MRO)	100	50		mg/Kg	1	11/13/2006 11:09:19 PM
Surr: DNOP	101	61.7-135		%REC	1	11/13/2006 11:09:19 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/10/2006 3:26:59 PM
Surr: BFB	114	84.5-129		%REC	1	11/10/2006 3:26:59 PM
<b>EPA METHOD 8270C: SEMIVOLATILES</b>						Analyst: BL
Acenaphthene	ND	0.20		mg/Kg	1	11/16/2006
Acenaphthylene	ND	0.20		mg/Kg	1	11/16/2006
Aniline	ND	0.20		mg/Kg	1	11/16/2006
Anthracene	ND	0.20		mg/Kg	1	11/16/2006
Azobenzene	ND	0.20		mg/Kg	1	11/16/2006
Benz(a)anthracene	ND	0.25		mg/Kg	1	11/16/2006
Benzo(a)pyrene	ND	0.20		mg/Kg	1	11/16/2006
Benzo(b)fluoranthene	ND	0.20		mg/Kg	1	11/16/2006
Benzo(g,h,i)perylene	ND	0.30		mg/Kg	1	11/16/2006
Benzo(k)fluoranthene	ND	0.50		mg/Kg	1	11/16/2006
Benzoic acid	ND	0.50		mg/Kg	1	11/16/2006
Benzyl alcohol	ND	1.0		mg/Kg	1	11/16/2006
Bis(2-chloroethoxy)methane	ND	0.50		mg/Kg	1	11/16/2006
Bis(2-chloroethyl)ether	ND	0.25		mg/Kg	1	11/16/2006
Bis(2-chloroisopropyl)ether	ND	0.50		mg/Kg	1	11/16/2006
Bis(2-ethylhexyl)phthalate	0.75	0.20		mg/Kg	1	11/16/2006
4-Bromophenyl phenyl ether	ND	0.25		mg/Kg	1	11/16/2006
Butyl benzyl phthalate	ND	0.20		mg/Kg	1	11/16/2006
Carbazole	ND	0.20		mg/Kg	1	11/16/2006
4-Chloro-3-methylphenol	ND	0.20		mg/Kg	1	11/16/2006

Qualifiers: \* Value exceeds Maximum Contaminant Level  
E Value above quantitation range  
J Analyte detected below quantitation limits  
ND Not Detected at the Reporting Limit  
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
MCL Maximum Contaminant Level  
RL Reporting Limit

# Hall Environmental Analysis Laboratory, Inc.

Date: 17-Nov-06

CLIENT: Cypress Engineering  
Lab Order: 0611103  
Project: Sta #5 Pig Barrel  
Lab ID: 0611103-02

Client Sample ID: Stockpile East  
Collection Date: 11/8/2006 9:05:00 AM  
Date Received: 11/8/2006  
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: BL
4-Chloroaniline	ND	0.20		mg/Kg	1	11/16/2006
2-Chloronaphthalene	ND	0.20		mg/Kg	1	11/16/2006
2-Chlorophenol	ND	0.20		mg/Kg	1	11/16/2006
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg	1	11/16/2006
Chrysene	ND	0.20		mg/Kg	1	11/16/2006
Di-n-butyl phthalate	ND	0.50		mg/Kg	1	11/16/2006
Di-n-octyl phthalate	ND	0.50		mg/Kg	1	11/16/2006
Dibenz(a,h)anthracene	ND	0.25		mg/Kg	1	11/16/2006
Dibenzofuran	ND	0.50		mg/Kg	1	11/16/2006
1,2-Dichlorobenzene	ND	0.20		mg/Kg	1	11/16/2006
1,3-Dichlorobenzene	ND	0.20		mg/Kg	1	11/16/2006
1,4-Dichlorobenzene	ND	0.20		mg/Kg	1	11/16/2006
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg	1	11/16/2006
Diethyl phthalate	ND	0.20		mg/Kg	1	11/16/2006
Dimethyl phthalate	ND	0.20		mg/Kg	1	11/16/2006
2,4-Dichlorophenol	ND	0.20		mg/Kg	1	11/16/2006
2,4-Dimethylphenol	ND	0.20		mg/Kg	1	11/16/2006
4,6-Dinitro-2-methylphenol	ND	0.50		mg/Kg	1	11/16/2006
2,4-Dinitrophenol	ND	0.50		mg/Kg	1	11/16/2006
2,4-Dinitrotoluene	ND	0.20		mg/Kg	1	11/16/2006
2,6-Dinitrotoluene	ND	0.20		mg/Kg	1	11/16/2006
Fluoranthene	ND	0.20		mg/Kg	1	11/16/2006
Fluorene	ND	0.20		mg/Kg	1	11/16/2006
Hexachlorobenzene	ND	0.20		mg/Kg	1	11/16/2006
Hexachlorobutadiene	ND	0.20		mg/Kg	1	11/16/2006
Hexachlorocyclopentadiene	ND	0.25		mg/Kg	1	11/16/2006
Hexachloroethane	ND	0.50		mg/Kg	1	11/16/2006
Indeno(1,2,3-cd)pyrene	ND	0.20		mg/Kg	1	11/16/2006
Isophorone	ND	0.20		mg/Kg	1	11/16/2006
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/16/2006
2-Methylphenol	ND	0.20		mg/Kg	1	11/16/2006
3+4-Methylphenol	ND	0.20		mg/Kg	1	11/16/2006
N-Nitrosodi-n-propylamine	ND	0.20		mg/Kg	1	11/16/2006
N-Nitrosodiphenylamine	ND	0.20		mg/Kg	1	11/16/2006
Naphthalene	ND	0.20		mg/Kg	1	11/16/2006
2-Nitroaniline	ND	0.50		mg/Kg	1	11/16/2006
3-Nitroaniline	ND	0.50		mg/Kg	1	11/16/2006
4-Nitroaniline	ND	0.25		mg/Kg	1	11/16/2006
Nitrobenzene	ND	0.20		mg/Kg	1	11/16/2006
2-Nitrophenol	ND	0.20		mg/Kg	1	11/16/2006

Qualifiers: \* Value exceeds Maximum Contaminant Level  
E Value above quantitation range  
J Analyte detected below quantitation limits  
ND Not Detected at the Reporting Limit  
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
MCL Maximum Contaminant Level  
RL Reporting Limit

# Hall Environmental Analysis Laboratory, Inc.

Date: 17-Nov-06

CLIENT: Cypress Engineering  
Lab Order: 0611103  
Project: Sta #5 Pig Barrel  
Lab ID: 0611103-02

Client Sample ID: Stockpile East  
Collection Date: 11/8/2006 9:05:00 AM  
Date Received: 11/8/2006  
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8270C: SEMIVOLATILES</b>						Analyst: BL
4-Nitrophenol	ND	0.20		mg/Kg	1	11/16/2006
Pentachlorophenol	ND	0.50		mg/Kg	1	11/16/2006
Phenanthrene	ND	0.20		mg/Kg	1	11/16/2006
Phenol	ND	0.20		mg/Kg	1	11/16/2006
Pyrene	0.22	0.20		mg/Kg	1	11/16/2006
Pyridine	ND	0.50		mg/Kg	1	11/16/2006
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg	1	11/16/2006
2,4,5-Trichlorophenol	ND	0.20		mg/Kg	1	11/16/2006
2,4,6-Trichlorophenol	ND	0.20		mg/Kg	1	11/16/2006
Surr: 2,4,6-Tribromophenol	93.2	35.5-141		%REC	1	11/16/2006
Surr: 2-Fluorobiphenyl	76.3	30.4-128		%REC	1	11/16/2006
Surr: 2-Fluorophenol	64.7	28.1-129		%REC	1	11/16/2006
Surr: 4-Terphenyl-d14	73.9	34.6-151		%REC	1	11/16/2006
Surr: Nitrobenzene-d5	68.3	26.5-122		%REC	1	11/16/2006
Surr: Phenol-d5	71.1	37.6-118		%REC	1	11/16/2006
Coumaphos	ND	15		mg/Kg	1	11/16/2006
Fensulfothion	ND	10		mg/Kg	1	11/16/2006
Benzidine	ND	0.20		mg/Kg	1	11/16/2006
N-Nitrosodimethylamine	ND	0		mg/Kg	1	11/16/2006
<b>EPA METHOD 8260B: VOLATILES</b>						Analyst: LMM
Benzene	ND	0.050		mg/Kg	1	11/15/2006
Toluene	ND	0.050		mg/Kg	1	11/15/2006
Ethylbenzene	ND	0.050		mg/Kg	1	11/15/2006
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/15/2006
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/15/2006
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/15/2006
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/15/2006
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/15/2006
Naphthalene	ND	0.10		mg/Kg	1	11/15/2006
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/15/2006
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/15/2006
Acetone	ND	0.75		mg/Kg	1	11/15/2006
Bromobenzene	ND	0.050		mg/Kg	1	11/15/2006
Bromochloromethane	ND	0.050		mg/Kg	1	11/15/2006
Bromodichloromethane	ND	0.050		mg/Kg	1	11/15/2006
Bromoform	ND	0.050		mg/Kg	1	11/15/2006
Bromomethane	ND	0.10		mg/Kg	1	11/15/2006
2-Butanone	ND	0.50		mg/Kg	1	11/15/2006
Carbon disulfide	ND	0.50		mg/Kg	1	11/15/2006

Qualifiers: \* Value exceeds Maximum Contaminant Level  
E Value above quantitation range  
J Analyte detected below quantitation limits  
ND Not Detected at the Reporting Limit  
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
MCL Maximum Contaminant Level  
RL Reporting Limit

# Hall Environmental Analysis Laboratory, Inc.

Date: 17-Nov-06

CLIENT: Cypress Engineering  
Lab Order: 0611103  
Project: Sta #5 Pig Barrel  
Lab ID: 0611103-02

Client Sample ID: Stockpile East  
Collection Date: 11/8/2006 9:05:00 AM  
Date Received: 11/8/2006  
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: LMM
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/15/2006
Chlorobenzene	ND	0.050		mg/Kg	1	11/15/2006
Chloroethane	ND	0.10		mg/Kg	1	11/15/2006
Chloroform	ND	0.050		mg/Kg	1	11/15/2006
Chloromethane	ND	0.050		mg/Kg	1	11/15/2006
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/15/2006
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/15/2006
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/15/2006
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/15/2006
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/15/2006
Dibromochloromethane	ND	0.050		mg/Kg	1	11/15/2006
Dibromomethane	ND	0.10		mg/Kg	1	11/15/2006
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/15/2006
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/15/2006
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/15/2006
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/15/2006
1,1-Dichloroethane	ND	0.10		mg/Kg	1	11/15/2006
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/15/2006
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/15/2006
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/15/2006
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/15/2006
1,1-Dichloropropene	ND	0.10		mg/Kg	1	11/15/2006
Hexachlorobutadiene	ND	0.10		mg/Kg	1	11/15/2006
2-Hexanone	ND	0.50		mg/Kg	1	11/15/2006
Isopropylbenzene	ND	0.050		mg/Kg	1	11/15/2006
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/15/2006
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/15/2006
Methylene chloride	ND	0.15		mg/Kg	1	11/15/2006
n-Butylbenzene	ND	0.050		mg/Kg	1	11/15/2006
n-Propylbenzene	ND	0.050		mg/Kg	1	11/15/2006
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/15/2006
Styrene	ND	0.050		mg/Kg	1	11/15/2006
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/15/2006
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/15/2006
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/15/2006
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/15/2006
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/15/2006
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/15/2006
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/15/2006
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/15/2006

Qualifiers: \* Value exceeds Maximum Contaminant Level  
E Value above quantitation range  
J Analyte detected below quantitation limits  
ND Not Detected at the Reporting Limit  
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
MCL Maximum Contaminant Level  
RL Reporting Limit

**Hall Environmental Analysis Laboratory, Inc.**

Date: 17-Nov-06

**CLIENT:** Cypress Engineering  
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**Lab ID:** 0611103-02

**Client Sample ID:** Stockpile East  
**Collection Date:** 11/8/2006 9:05:00 AM  
**Date Received:** 11/8/2006  
**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8260B: VOLATILES</b>						Analyst: LMM
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/15/2006
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/15/2006
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/15/2006
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/15/2006
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	11/15/2006
Vinyl chloride	ND	0.050		mg/Kg	1	11/15/2006
Xylenes, Total	ND	0.10		mg/Kg	1	11/15/2006
Surr: 1,2-Dichloroethane-d4	76.1	62-127		%REC	1	11/15/2006
Surr: 4-Bromofluorobenzene	83.6	75.2-127		%REC	1	11/15/2006
Surr: Dibromofluoromethane	77.5	68.1-120		%REC	1	11/15/2006
Surr: Toluene-d8	88.9	74-119		%REC	1	11/15/2006

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit



# LABORATORY ANALYTICAL REPORT

Client: Hall Environmental  
Project: 0611103  
Lab ID: C06110454-001  
Client Sample ID: Stockpile West

Report Date: 11/16/06  
Collection Date: 11/08/06 09:00  
Date Received: 11/09/06  
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>PHYSICAL PROPERTIES</b>							
Corrosivity - pH	8.09	s.u.		0.01		SW9045C	11/15/06 14:22 / mb
Flash Point (Ignitability)	>140	°F		60	140	SW1010	11/15/06 13:12 / cjs
<b>REACTIVITY</b>							
Sulfide, Reactive	ND	mg/kg		20.0	500	SW846 Ch 7	11/10/06 14:45 / jl
Cyanide, Reactive	ND	mg/kg		0.050	250	SW846 Ch 7	11/15/06 15:17 / eli-b

Report  
Definitions: RL - Analyte reporting limit.  
QCL - Quality control limit.

MCL - Maximum contaminant level.  
ND - Not detected at the reporting limit.

# LABORATORY ANALYTICAL REPORT

Client: Hall Environmental  
Project: 0611103  
Lab ID: C06110454-002  
Client Sample ID: Stockpile East

Report Date: 11/16/06  
Collection Date: 11/08/06 08:05  
Date Received: 11/09/06  
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>PHYSICAL PROPERTIES</b>							
Corrosivity - pH	8.40	s.u.		0.01		SW9045C	11/15/06 14:22 / mb
Flash Point (Ignitability)	>140	°F		60	140	SW1010	11/15/06 13:43 / cjs
<b>REACTIVITY</b>							
Sulfide, Reactive	ND	mg/kg		20.0	500	SW846 Ch 7	11/10/06 14:50 / ji
Cyanide, Reactive	ND	mg/kg		0.050	250	SW846 Ch 7	11/15/06 15:19 / eli-b

Report RL - Analyte reporting limit.  
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.  
ND - Not detected at the reporting limit.

**Transwestern Pipeline Company**

Summit Office Building

4001 Indian School Road, NE, Albuquerque, NM 87110

Phone (505) 260-4020

Fax (505) 254-1437

November 3, 2006

UPS Tracking No.: 1Z F7E 046 01 9282 2124

Brad Jones

New Mexico Oil Conservation Division

Environmental Bureau

1220 South St. Francis Drive

Santa Fe, New Mexico 87505


Re: Submittal of Proof of Publication for Public Notice for  
Discharge Plan GW-080 Renewal  
Transwestern Pipeline Company  
Thoreau Compressor Station  
McKinley County, New Mexico

Dear Mr. Jones:

Please find enclosed the proof of publication document along with a copy of the public notice which was published in the Gallup Independent newspaper on Wednesday, October 18, 2006 for our Thoreau Compressor Station Discharge Plan renewal. The proof of publication is signed and notarized by the Gallup Independent. The public notice was published in both English and Spanish in a section of the newspaper that was neither the classified section nor the legal notice section as stipulated in the OCD regulations. The public notice also met the size requirements listed in the regulations.

Should you have any questions or require any additional information, please contact me by phone at (505) 260-4013 or by mail to my attention at our Albuquerque Regional Office at the address in the letterhead. Thank you very much.

Sincerely,

  
John Steenberg  
Division Environmental Specialist

Enclosures: Proof of Publication Document and Copy of Public Notice

cc: Station 5 -- Thoreau  
Envision 205.1.20  
File

# Affidavit of Publication

STATE OF NEW MEXICO

) SS

COUNTY OF MCKINLEY

LYDIA JOE being duly sworn upon oath, deposes and says:

As LEGALS CLERK of The Independent,  
a newspaper published in and having a general circulation in  
McKinley County, New Mexico and in the City of Gallup, New  
Mexico and having a general circulation in Cibola County, New  
Mexico and in the City of Grants, New Mexico and having a  
general circulation in Apache County, Arizona and in the City  
of St. Johns and in the City of Window Rock, Arizona therein:  
that this affiant makes this affidavit based upon personal  
knowledge of the facts herein sworn to. That the publication,  
a copy of which is hereto attached was published in said  
newspaper during the period and time of publication and said  
notice was published in the newspaper proper, and not in a  
supplement thereof, for one time, the first  
publication being on the 18th day of October,  
20 06, the second publication being on the \_\_\_\_\_ day  
of \_\_\_\_\_ 20\_\_\_\_\_, the third publication  
being on the \_\_\_\_\_ day of \_\_\_\_\_ 20 \_\_\_\_\_,

and the last publication being on the \_\_\_\_\_ day of  
\_\_\_\_\_, 20\_\_\_\_\_.

That such newspaper, in which such notice or advertisement  
was published, is now and has been at all times material  
hereto, duly qualified for such purpose, and to publish legal  
notices and advertisements within the meaning of Chapter 12,  
of the statutes of the State of New Mexico, 1941 compilation.

*Lydia Joe*  
Affiant.

Sworn and subscribed to before me this 2nd day  
of November, A.D., 20 06.

*Flavia M. Lopez*  
Notary Public

My commission expires:

February 9, 2009

## — PUBLIC NOTICE —

Transwestern Pipeline Company, 4001 Indian School Road NE, Suite 250, Albuquerque, New Mexico 87110, has submitted a renewal application to the New Mexico Energy, Minerals and Natural Resources Department, Oil Conservation Division for the previously approved discharge plan (GW-080) for their Thoreau Compressor Station located in the SE  $\frac{1}{4}$  of Section 20, Township 14 North, Range 13 West in McKinley County, New Mexico. The address of the facility is 174 Castle Rock Road, Thoreau, New Mexico 87323.

Materials generated or used at the facility include pipeline condensate liquid, new and used engine lubrication oil, gear oil, engine coolant liquid containing antifreeze and water and oily waste water from engine or scrubber wash down. The wash down water amounts to approximately 100 gallons per week. All liquids utilized at the facility are stored in dedicated above ground storage tanks prior to offsite disposal or recycling at an OCD approved site. All storage tanks are within properly engineered and OCD approved secondary containment. No onsite discharges are intentionally allowed to contact or enter surface or groundwater.

Since there are no intentional discharges, the volume of discharges is zero. Subsequently since the volume of discharges is zero, the quality of the discharges is not applicable.

The aquifer most likely to be affected is 50 to 70 feet in depth, and the total dissolved solids concentration of this aquifer is approximately 380 mg/L.

Any interested person may obtain information, submit comments or request to be placed on a facility-specific mailing list for future notices by contacting Brad Jones at the New Mexico OCD at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3487. The OCD will accept comments and statements of interest regarding the renewal and will create a facility-specific mailing list for persons who wish to receive future notices.

## — AVISO PÚBLICO —

La empresa Transwestern Pipeline Company, cuya dirección es 4001 Indian School Road NE, Suite 250, Albuquerque, New Mexico 87110, ha presentado ante la Oil Conservation Division (División de Conservación del Petróleo, OCD por sus siglas en inglés) del New Mexico Energy, Minerals and Natural Resources Department (Departamento de Energía, Minerales y Recursos Naturales de Nuevo México) una solicitud para la renovación del plan de descarga (GW-080), anteriormente aprobado, para su estación compresora Thoreau Compressor Station, ubicada en la parte sudeste de la Sección 20, Distrito Municipal (Township) 14 Norte, Zona (Range) 13 Oeste en el condado de McKinley, Nuevo México. La dirección de las instalaciones es 174 Castle Rock Road, Thoreau, New Mexico 87323.

Los materiales generados o usados en las instalaciones incluyen líquido de condensación de las tuberías, aceite lubricante para motores nuevo y usado, aceite para engranajes, líquido refrigerante para motores que contiene anticongelante y agua, y agua aceitosa residual del lavado de motores o depuradores. El agua de lavado asciende a aproximadamente 100 galones por semana. Todos los líquidos utilizados en las instalaciones son almacenados en tanques de almacenamiento para tal fin, sobre la superficie del suelo, antes de su disposición final en instalaciones exteriores o de su reciclaje en instalaciones aprobadas por la OCD. Todos los tanques de almacenamiento están diseñados de manera adecuada y aprobados por la OCD para contención secundaria. No se permite de manera intencional que las descargas en el lugar tengan contacto con aguas superficiales o subterráneas ni que ingresen en ellas.

Debido a que no hay descargas intencionales, el volumen de descarga es cero. Consecuentemente, debido a que el volumen de descarga es cero, la calidad de las descargas no es pertinente para este caso.

El acuífero con mayor probabilidad de ser afectado se encuentra a una profundidad de 50 a 70 pies y la concentración de sólidos disueltos totales en dicho acuífero es de aproximadamente 380 mg/L.

Los interesados podrán obtener información, presentar comentarios o solicitar su inclusión en una lista de correo para recibir notificaciones futuras sobre estas instalaciones específicas. Para ello, podrán comunicarse con Brad Jones en New Mexico OCD, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, y por teléfono al (505) 476-3487. La OCD aceptará comentarios y declaraciones de interés con respecto a la renovación y creará una lista de correo para las personas que deseen recibir notificaciones futuras acerca de estas instalaciones específicas.

1	BILLING PERIOD	2	ADVERTISING/CLIENT NAME
	10/01/06 - 10/31/06		NM EMNRD OIL CONSERVATION DIV
23	TOTAL AMOUNT DUE	*UNAPPLIED AMOUNT	3 TERMS OF PAYMENT
	260.19		net 30
21	URRENT NET AMOUNT DUE	22	30 DAYS 60 DAYS OVER 90 DAYS
	260.19		.00 .00 .00

INVOICE and STATEMENT

4	PAGE#	5	BILLING DATE	8	BILLING ACCOUNT NAME AND ADDRESS	9	REMITTANCE ADDRESS
	1		10/31/06		FRAN CHAVEZ NM EMNRD OIL CONSERVATION DIV 1220 S ST FRANCIS DR SANTA FE NM 87505		THE NEW MEXICAN (ADVERTISING) PO BOX 2048 SANTA FE, NM 87504-2048
6	BILLED ACCOUNT NUMBER						
	56689						
7	ADVERTISER/CLIENT NUMBER						

AMOUNT ENCLOSED	CHECK NUMBER	VISA / MASTERCARD / DISCOVER / AMERICAN EXPRESS	CC Exp. Date
		Card Number	Signature

PLEASE DETACH AND RETURN UPPER PORTION WITH YOUR REMITTANCE

10	DATE	11	NEWSPAPER REFERENCE	12	13	14	DESCRIPTION - OTHER COMMENTS/CHARGES	15	SAU SIZE	17	TIMES RUN	19	GROSS AMOUNT	20	NET AMOUNT
								16	BILLED UNITS	18	RATE				
	09/30						BALANCE FORWARD								0.00
	10/30		10001233				Payment on Account								-194.50
	10/06		00188711				NOTICE OF PUBLICATI		1x201L						180.72
			10/06				nm/full								
							52100-00044								
							6000 00188711								
	10/24		00190918				NOTICE OF PUBLICATI		1x271L						241.76
			10/24				nm/full								
							52100-00044								
							6000 00190918								
	10/31						STATE TAX								32.21

STATEMENT OF ACCOUNT AGING OF PAST DUE AMOUNTS

21	URRENT NET AMOUNT DUE	22	30 DAYS	60 DAYS	OVER 90 DAYS	*UNAPPLIED AMOUNT	23	TOTAL AMOUNT DUE
	260.19		.00	.00	.00			260.19

	24	ADVERTISER INFORMATION						
	1	BILLING PERIOD	6	BILLED ACCOUNT NUMBER	7	ADVERTISER/CLIENT NUMBER	2	ADVERTISER/CLIENT NAME
763580	10/01/06 - 10/31/06		56689				NM EMNRD OIL CONSERV	

Land Use Administrator in writing to P.O. Box 276, Santa Fe, New Mexico 87504-0276; or presented in person at the hearing. Legal #79852 Pub. Oct. 24, 2006

#### NOTICE OF PUBLICATION

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

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

(GW-080) Transwestern Pipeline Co., Summit Office Building, 4001 Indian School Road, NE, Suite 250, Albuquerque, New Mexico 87110, has submitted a renewal application for the previously approved discharge plan for their Thoreau Compressor Station, located in the SE/4 of Section 20, Township 14 North, Range 13 West, NMPM, McKinley County, New Mexico, at 174 Castle Rock Road, Thoreau, New Mexico 87323. Approximately 100 gallons per week of scrubber and wash down water will be collected and stored onsite in a closed top steel tank within a bermed area prior to disposal at an NMOCD approved facility. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 50 to 70 feet, with a total dissolved solids concentration of approximately 380 mg/l. The discharge plan addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(HI-0104) El Paso Natural Gas Company

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

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 10th day of October 2006.

INSOR SERVICES. These services must be provided in accordance with applicable federal, state and local laws.

The proposed contract shall become effective upon approval of the SBOF and the Department of Finance and Administration, and shall continue for a two-year period and may be extended up to no more than two additional years at the discretion of the State Board of Finance contingent upon sufficient funding and satisfactory scope of work performance.

Request for proposals will be available by contacting Olivia Padilla-Jackson, Procurement Manager at (505) 827-4980, or by mail at New Mexico State Board of Finance, Bataan Memorial Building, 407 Galisteo Street, Room #181, Santa Fe, NM 87501 or visit the SBOF website at <http://nmsbof.state.nm.us>.

If you are a person with a disability who is in need of a reader, amplifier, sign language interpreter or any other form of auxiliary aid or service to participate, please contact the Procurement Manager.

Proposals must be received for review at the above address no later than **November 8, 2006 at 4:00 PM, Mountain Standard Time**. Proposals received after this deadline will not be accepted.

The New Mexico State Board of Finance (SBOF) reserves the right to cancel this RFP and/or reject any or all proposals in whole or part.

The content of any proposal shall not be disclosed to competing offerors during the negotiation process.

The Procurement Code, Sections 13-1-28 through 13-1-199 NMSA 1978, imposes civil and criminal penalties for its violation. In addition, the New Mexico Criminal Statutes impose felony penalties for bribes, gratuities and kickbacks. Legal #79854 Pub. Oct. 24, 2006

(CNM, formerly TVI) Montoya Campus room J-122 4700 Morriss NE (Morriss & Montgomery) Albuquerque, NM 87111

TIME: 8:00 a.m. to 9:00 p.m.

Interested individuals may testify at any of the public hearings or submit written comments regarding the proposed rule to Ms. Nicole McKnight, Administrative Assistant, New Mexico Tourism Department ("Department"), 491 Old Santa Fe Trail, Santa Fe, New Mexico 87501; [nicole.mcknight@statenm.us](mailto:nicole.mcknight@statenm.us); (505) 827-7400; fax (505) 827-7400. Written comments must be received no later than November 9, 2006, by 5:00 p.m. if directed to the Tourism Department or by the conclusion of the public hearing in Albuquerque for those in attendance there. The proposed rulemaking actions may be accessed on the Department's website ([www.newmexico.org/index2.php](http://www.newmexico.org/index2.php)) or obtained from Ms. McKnight through her contact information listed above.

Individuals with disabilities who require this information in an alternative format or need any form of auxiliary aid to attend or participate in these hearings are asked to contact Ms. McKnight, contact information above, as soon as possible. The Board requests at least ten (10) days advance notice to provide requested special accommodations.

All written and oral testimony will be considered prior to the adoption of the final rule. **The Board will meet for the purpose of discussing testimony and comments received on the proposed rule and to adopt a final rule on Thursday, November 16, 2006, in room 317 of the New Mexico State Capitol Building, Santa Fe, New Mexico, from 10:30 a.m. to 4:30 p.m.** Contact Ms. Nicole McKnight, contact information above, at least ten (10) days in advance, if you have any special needs in order to attend this meeting. Legal #79846 Pub. Oct. 23, 24, 25, 2006

Suite A Santa Fe, New Mexico 87505

AGENCY LEASE REPRESENTATIVE: Sandy Mackey, HSD

PRE-PROPOSAL LOCATION/DATE TIME:

Human Services Department 2542 Cerrillos Rd., Santa Fe, NM 87501 Date: November 8, 2006 Time: 10 am

TELEPHONE NO.: (505) 827-9423

PROPOSALS WILL BE CONSIDERED FOR BUILD-TO-SUIT, AS WELL AS FOR RENOVATED AND REMODELED FACILITIES.

Legal #79879 Pub. Oct. 24, 2006

Request for Proposal (RFP) #2007-DCA-HPD-RFP-01 State of New Mexico, Department of Cultural Affairs, Historic Preservation Division, New Mexico's Historic Women's Markers Program

Request For Proposals (RFP) to provide professional services to research and write texts for up to (54) Official Scenic Historic Markers honoring women who have significantly contributed to the state, and conduct educational outreach throughout New Mexico regarding the history of each new marker established.

A Pre-Proposal Conference is scheduled for **Monday, October 30, 2006** for this procurement at the address specified below at 10:00 pm, Mountain Standard Time.

All proposals must be received no later than Friday, **November 10, 2006 at 2:00 pm, Mountain Standard Time**.

Contact Person: Patrick Lucero, Administrative Operations Manager Department of Cultural Affairs, Historic Preservation Division 407 Galisteo Street, Suite 236, Santa Fe, NM 87501 Phone: (505) 827-6301 Fax: (505) 827-6338 E-Mail: [patrick.lucero1@statenm.us](mailto:patrick.lucero1@statenm.us) Legal #79880 Pub. Oct. 24, 25, 26, 27, 30, 31, Nov. 1, 2006

located at the following address: Judge Steve Herrera Judicial Complex, 100 Catron Street, P.O. Box 2268, Santa Fe, New Mexico 87504-2268. Dated this 18th day of October, 2006.

/s/ Steven M. Mieden 4016 Milagro Oro Santa Fe, New Mexico 87507 (503) 474-3285 Personal Representative of the Estate of Gail N. Mieden, deceased.

Paula A. Cook, Esq. Comeau, Maldegen, Templeman & Indall, LLP Post Office Box 669 Santa Fe, New Mexico 87504-0669 (505) 982-4611 Attorneys for Steven M. Mieden Personal Representative of the Estate of Gail N. Mieden, deceased. Legal #79857 Pub. Oct. 24 & 31, 2006

#### STATE TREASURER'S OFFICE INVITATION FOR PUBLIC COMMENT

The New Mexico State Treasurer's Office is proposing changes to two of its policies: Campaign Contributions and Reporting Requirements, and Employee Code of Conduct. The proposed changes relate to compliance with Union policy requirements. Interested parties and the public are invited to submit written comments on these proposed changes.

The policies are available on the State Treasurer's website at <http://www.stonm.org> or may be obtained by contacting the State Treasurer's Office at (505) 955-1120. Written comments must be received no later than **12:00 Noon Mountain Time, November 17, 2006**, and should be delivered to:

Jane E. Tabor, Public Information Officer New Mexico State Treasurer's Office 2019 Galisteo Street, Building K Santa Fe, New Mexico 87505 Fax: (505) 955-1195 Legal #79863 Pub. Oct. 24, 2006

**LEGAL**

(EPNG), 3801 Atrisco Drive NW, Albuquerque, NM, 87120, has submitted an application for a discharge plan for the Line 1100 Hydrostatic Test Project. The discharge site is located in the SW of the SW of Section 14, Township 26 South, Range 3 East, NMPM, Dona Ana County, New Mexico. Approximately 0.5 miles northeast of the intersection of Joy Road and Hwy 478 and 0.1 miles north of Joy Road in Anthony, New Mexico. The hydrostatic testing will cleanse the pipeline utilizing water and a non-hazardous cleaner to remove any residual oil or other deleterious substances that may be present in the pipeline. The rinsate solution will be containerized and transported off-site for recycling. Once the pipeline is cleansed, hydrostatic test water will be introduced. The amount of water to be discharged is estimated at about 200,000 gallons and will contain hydrocarbon residue and non-hazardous cleaner. The water will be contained in portable storage tanks and tested prior to disposal. Ground water most likely to be affected by an accidental discharge is at a depth of approximately 30 feet with a total dissolved solids concentration of 1,000 to 3,000 mg/l. The discharge plan consists of a description of the method and location for collection, testing and retention of fluids and solids, how products and wastes will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

The NMOCD has determined that the application is administratively complete and has prepared a draft permit. The NMOCD will accept comments and statements of interest regarding this application and will create a facility-specific mailing list for persons who wish to receive future notices. Persons interested in obtaining further information, submitting comments or requesting to be on a

**LEGAL**

**STATE OF NEW MEXICO  
OIL CONSERVATION  
DIVISION**

SEAL

Mark Fesmire,  
Director

Legal #79861  
Pub. Oct. 24, 2006

**EZC CASE #  
DP 06-4450**

**NOTICE OF  
PUBLIC HEARING**

Notice is hereby given that a public hearing will be held to consider a request by New Cingular Wireless, applicant, Janice Manley, agent, to allow Preliminary and Final Development Plan approval for a new Wireless Communication Facility in the Scenic Highway Corridor Subdistrict for a 27' cell tower. The property is located in the EZ Scenic Highway Corridor 195 Mutt Nelson Road within Section 15, Township 16 North, Range 8 East, (EZ 2 Mile).

A public hearing will be held in the County Commission Chambers of the Santa Fe County Courthouse, corner of Grant and Palace Avenues, Santa Fe, New Mexico on the 12th day of November 2006 at 6 p.m. on a petition to the Extraterritorial Zoning Commission and on the 14th day of November 2006 at 5 p.m. on a petition to the Board of County Commissioners.

Please forward all comments and questions to the County Land Use Administration Office at 986-6225.

All interested parties will be heard at the Public Hearing prior to the Commission taking action. All comments, questions and objections to the proposal may be submitted to the County Land Use Administrator in writing to P.O. Box 276, Santa Fe, New Mexico 87504-0276; or presented in person at the hearing. Legal #79862  
Pub. Oct. 24, 2006

**Legal Notice**

**Request for Proposals  
07 341 4000 0001  
State Board of  
Finance**

The New Mexico State Board of Finance (SBOF) is issuing a Request for Proposals (RFP) for FINANCIAL

**LEGAL**

**CITY OF SANTA FE  
NOTICE OF  
PUBLIC HEARING**

Notice is hereby given that the Governing Body of the City of Santa Fe will hold a public hearing on Wednesday, November 8, 2006 at its regular Council Meeting, 7:00 p.m. session, at City Hall Council Chambers, 200 Lincoln Avenue.

The purpose of this hearing is to discuss a request from IOTA Liquor, LLC for a transfer of ownership of Dispenser License #2678 from the 113 Washington Avenue, LP to IOTA Liquor, LLC. This license will remain at the Inn of the Anasazi, 113 Washington Avenue, Santa Fe.

All interested citizens are invited to attend this public hearing.

Yolanda Y. Vigil  
City Clerk

Legal #79850  
Pub. Oct. 24 & 31 2006

**NEW MEXICO  
OFF-HIGHWAY  
MOTOR VEHICLE  
SAFETY BOARD**

**Notice of  
Public Hearings on  
Proposed Rule  
18.15.3 NMAC  
Off-Highway Motor  
Vehicle Safety  
Standards  
And  
Open Meeting Notice.**

The Off-Highway Motor Vehicle Safety Board ("Board") hereby gives notice that it will conduct three public hearings on proposed rule 18.15.3 NMAC, Motor Vehicle Safety Standards, at the dates, locations and times listed below:

**DATE:** November 6, 2006

**LOCATION:** Espanola:  
Mision y Convento 1  
Calle de las Espanolas  
(corner of Onate and  
Bond streets)

**TIME:** 6 p.m. to 9 p.m.

**DATE:** November 8, 2006

**LOCATION:** Las Cruces:  
Dona Ana County  
Public Health Offices  
1170 N. Solano St.  
Room 1101 (NW  
corner of building)

**TIME:** 6 p.m. to 8 p.m.

**DATE:** November 9, 2006

**LOCATION:** Albuquerque:  
Central New Mexico

**LEGAL**

**CITY OF SANTA FE  
NOTICE OF  
PUBLIC HEARING**

Notice is hereby given that the Governing Body of the City of Santa Fe will hold a public hearing on Wednesday, November 8, 2006 at its regular Council Meeting, 7:00 p.m. session, at City Hall Council Chambers, 200 Lincoln Avenue.

The purpose of this hearing is to discuss a request from Salsas y Son - Santa Fe, LLC for a transfer of ownership and location of Dispenser License #0363 from La Fiesta Club Partnership, dba La Fiesta Club, 1000 E. Motel Drive, Lordsburg, New Mexico to Salsas y Son - Santa Fe, LLC, dba Salsas y Son, 2400 Cerrillos Road, Santa Fe.

All interested citizens are invited to attend this public hearing.

Yolanda Y. Vigil  
City Clerk

Legal #79859  
Pub. Oct. 24 & 31 2006

**PUBLIC  
ADVERTISEMENT  
REQUEST FOR  
PROPOSAL  
TO LEASE SPACE**

The State of New Mexico is soliciting proposals to lease space. Copies of the Request for Proposals (RFP), are available at the address given below. All proposals must be submitted by the time and date indicated in the RFP. A pre-proposal conference will also be held at the location, time, and date indicated in the RFP. Information provided herein is subject to change by written amendment of the RFP.

**TYPE OF  
SPACE NEEDED:**  
Office Space

**MINIMUM USABLE  
SQUARE FEET  
REQUIRED:**  
20,230

**LOCATION OF PRO-  
POSED LEASE:**  
Santa Fe, NM

**AGENCY NAME:**  
New Mexico Human  
Services Department

**MAILING ADDRESS:**  
New Mexico Human  
Services Department

**LEGAL**

Disadvantaged Business Enterprise (DB) Goals for Federal Fiscal Year 2007

The Santa Fe Municipal Airport hereby announces its fiscal year 2007 DBE Goal of 5.08% for airport construction project. The proposed goal and goal setting methodology are available for inspection between 8:00 a.m. and 5:00 p.m. Monday through Friday for a period of 30 days following the date of this notice at the Santa Fe Municipal Airport, 121 Aviation Dr., Suite 1, Santa Fe, NM 87507.

The Santa Fe Municipal Airport will accept comments on the DBE goals for 45 days from the date of this notice. Comments can be sent to either of the following:

**DVELO**  
Jim Montman  
Airport Manager  
P.O. Box 909  
Santa Fe, NM 87501

Federal Aviation  
Administration  
Civil Rights Staff,  
ASW-9C  
2601 Meacham  
Boulevard  
Fort Worth, TX  
76137-4298

Legal #79851  
Pub. Oct. 24, 2006

**STATE OF  
NEW MEXICO  
COUNTY OF SANTA FE  
FIRST JUDICIAL  
DISTRICT**

**NO.:**  
D-0101-PB2006-00189

**IN THE MATTER OF  
THE ESTATE OF  
GAIL N. MIEDEN,  
Deceased.**

**NOTICE TO  
CREDITORS**

NOTICE IS HEREBY GIVEN that the undersigned has been appointed Personal Representative of the Estate of Gail N. Mieden. All persons having claims against this estate are required to present their claims within two (2) months after the date of the first publication of this notice, or the claims will be forever barred. Claims must be presented either to the undersigned Personal Representative at the address listed below, or filed with the First Judicial District Court of Santa Fe



November 1, 2006

Mr. Brad Jones  
Environmental Bureau  
New Mexico Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

CW-080  
**RECEIVED**

NOV 03 2006

Oil Conservation Division  
1220 S. St. Francis Drive  
Santa Fe, NM 87505

RE: Proposed Waste Characterization of Excavated Soil  
Transwestern Pipeline Company  
Thoreau Compressor Station  
McKinley County, New Mexico

Dear Brad,

In the course of recent construction activities, approximately 130 cu.yds. of soil were excavated from around the pig receiver located near the southeast corner of the facility. The soil is contaminated with pipeline condensate liquids and must be characterized for disposal. Presently, the soil is stockpiled on plastic sheeting within a bermed area at the site. The stockpile is also covered with plastic sheeting.

The construction activities were initiated in order to replace the existing pig receiver with a longer pig receiver. The longer pig receiver will facilitate running "smart pigs" through the pipeline. A petroleum hydrocarbon odor was noted as soil was excavated from around the concrete pedestal supporting the receiver. Subsequently, a soil sample was collected and submitted to a laboratory for analysis. Laboratory results confirmed that the soil sample contained elevated concentrations of Total Petroleum Hydrocarbons (TPH).

At the time that the initial soil sample was collected, only about half of the total volume of excavated soil was accumulated in the soil stockpile area. The other half of soil from the excavated area was in use to facilitate construction activities. This soil was later moved to the soil stockpile area. At present, there is approximately 130 cu.yds. of contaminated soil stockpiled on-site.

Cypress Engineering, on behalf of Transwestern Pipeline Company, proposes to resample the soil stockpile for waste characterization purposes. Two composite soil samples will be collected; one from the east half of the stockpile and another from the west half. Each composite sample will be created from five grab samples. The grab samples will be collected at random locations and from a depth of 12 inches beneath the soil surface. The two composite soil samples will be submitted to a laboratory for analysis for TPH by Method 8015mod (GRO and DRO), total RCRA metals, total VOCs, total SVOCs, and RCI (reactivity, corrosivity, and ignitability). On-site management and/or off-site disposal of the stockpiled soil will be determined based upon the results of the proposed waste characterization sampling.

If you have any questions or comments regarding the proposed waste characterization sampling, please contact me at (281) 797-3420.

Sincerely,

A handwritten signature in black ink, appearing to read "George C. Robinson". The signature is fluid and cursive, with a large initial "G" and "R".

George C. Robinson, PE  
President

xc:     Brandon Powell     NMOCD Aztec District Office  
         John Steenberg     Transwestern Pipeline Company



6381 North Main Street  
Roswell, NM 88201

505.625.8022 Fax: 505.627.8172

**Larry Campbell**  
Division Environmental Specialist

October 10, 2006

UPS Confirmation No.

1Z 875 525 02 4344 3217

Mr. Wayne Price  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87504

Re: Notification of Drain line Testing, Transwestern Pipeline Company  
Wt-1 Compressor Station, GW-80

Dear Mr. Price:

By this letter, Transwestern Pipeline Company is providing written notification to the Oil Conservation Division that the 5 year drain line testing and inspection program will be initiated for the above referenced facility on October 23, 2006.

Submittal of this letter complies with the notification requirements as presented in the facility's Discharge Plan.

Should your agency require additional information concerning this written notification, contact the undersigned at our Roswell Technical Operations office at (505) 625-8022.

Sincerely,

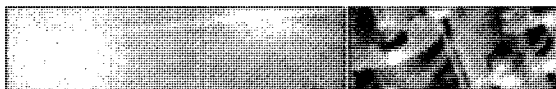
A handwritten signature in cursive script that reads "Larry Campbell".

Larry Campbell  
Division Environmental Specialist

xc: Wt-1 Compressor Station  
Envisions file no. 205.1.20

**Summary Totals:**

**1 Shipment(s)**  
**1 Package(s)**

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**Find Answers to Your Tracking Questions**[→ Go to Tracking FAQ](#)**Track Shipments**[Track Packages & Freight](#)   [Quantum View](#)   [Flex Global View](#)**Tracking Detail**[Printer Friendly](#)**Your package has been delivered.**

Tracking Number: 1Z 875 525 02 4344 321 7  
Type: Package  
Status: **Delivered**  
Delivered on: 10/23/2006 9:36 A.M.  
Signed by: NEVILLE  
Location: FRONT DESK  
Delivered to: SANTA FE, NM, US  
Shipped or Billed on: 10/11/2006  
Service Type: 2ND DAY AIR

**Package Progress**

Location	Date	Local Time	Description
SANTA FE, NM, US	10/23/2006	9:36 A.M.	DELIVERY
	10/23/2006	7:30 A.M.	OUT FOR DELIVERY
SANTA FE, NM, US	10/22/2006	10:34 P.M.	ARRIVAL SCAN
ALBUQUERQUE, NM, US	10/22/2006	9:34 P.M.	DEPARTURE SCAN
ALBUQUERQUE, NM, US	10/12/2006	1:06 A.M.	ARRIVAL SCAN
ROSWELL, NM, US	10/11/2006	8:28 P.M.	DEPARTURE SCAN
	10/11/2006	6:30 P.M.	ORIGIN SCAN
	10/11/2006	2:14 P.M.	PICKUP SCAN
US	10/11/2006	4:07 P.M.	BILLING INFORMATION RECEIVED

Tracking results provided by UPS: 10/26/2006 3:46 P.M. EST (USA)

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**Jones, Brad A., EMNRD**

---

**From:** George Robinson [george.robinson@cypressinc.us]  
**Sent:** Thursday, November 02, 2006 11:15 AM  
**To:** Jones, Brad A., EMNRD  
**Cc:** John Steenberg; Powell, Brandon, EMNRD; Earl Chanley; 'George Friend'  
**Subject:** Transwestern Pipeline Thoreau Station - Proposed Soil Characterization Plan  
**Attachments:** 2006-1101 Thoreau Pig Barrel\_proposed waste characterization sampling.pdf

Brad,

As you and George Friend discussed yesterday, we have prepared a soil sampling plan for waste characterization for the soil currently stockpiled at the facility. A copy of the soil characterization plan is attached for your review and approval. If laboratory results confirm that the soil is non-hazardous and contains a TPH concentration below 1000 mg/kg, then we will follow-up with a request to transport the soil to either the WMI Tri-Sect landfill facility or the WMI Rio Rancho landfill facility.

Thank you,  
George

George C. Robinson, PE  
Cypress Engineering Services, Inc.  
7171 Highway 6 North, Ste 102  
Houston, TX 77095-2422

george.robinson@cypressinc.us  
(281) 797-3420 (cell)  
(281) 859-1881 (fax)

11/2/06  
Verbal approval to perform additional  
sampling. *RAS*



Cypress Engineering

7171 Highway 6 North, Suite 102  
Houston, Texas 77095-2422

(281) 797-3420 office  
(281) 859-1881 fax

November 1, 2006

Mr. Brad Jones  
Environmental Bureau  
New Mexico Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

RE: Proposed Waste Characterization of Excavated Soil  
Transwestern Pipeline Company  
Thoreau Compressor Station  
McKinley County, New Mexico

Dear Brad,

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George C. Robinson, PE  
President

xc:     Brandon Powell     NMOCD Aztec District Office  
         John Steenberg     Transwestern Pipeline Company

# Advertising Statement

The Independent  
500 North Ninth  
PO Box 1210  
Gallup, NM 87305  
Phone: (505) 863-6811

9

LE  
ENERGY MINERALS & NATURAL  
RESOURCE DEPARTMENT  
1220 SOUTH ST. FRANCIS DRIVE  
SANTAFE, NM 87505

Customer : 01101337-000

Phone : (505)476-3413

Date : 10/31/06

Page : 1

Date	Reference #	Type	Description	Runs	Lines	Inches	Total
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*OCD*

*11/2/06  
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Fran*

## Remarks

Enclose copy of invoice with payment.

Sub Total: 154.01

Discounts: 0.00

Total Due: 154.01

Current	154.01	1-30	0.00	31-60	0.00	61-90	0.00	91+	0.00
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THE SANTA FE  
**NEW MEXICAN**  
Founded 1849

RECEIVED

OCT 2 2006

Oil Conservation Division  
1220 S. St. Francis Drive  
Santa Fe, NM 87505

NM EMNRD OIL CONSERVATION

ATTN: Brad Jones  
1220 S ST FRANCIS DR  
SANTA FE NM 87505

ALTERNATE ACCOUNT: 56689  
AD NUMBER: 00190918 ACCOUNT: 00002212  
LEGAL NO: 79861 P.O. #: 52100-00044  
421 LINES 1 TIME(S) 235.76  
AFFIDAVIT: 6.00  
TAX: 18.43  
TOTAL: 260.19

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO  
COUNTY OF SANTA FE

I, R. Lara, being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily newspaper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication # 79861 a copy of which is hereto attached was published in said newspaper 1 day(s) between 10/24/2006 and 10/24/2006 and that the notice was published in the newspaper proper and not in any supplement; the first date of publication being on the 24th day of October, 2006 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/S/

*R. Lara*

LEGAL ADVERTISEMENT REPRESENTATIVE

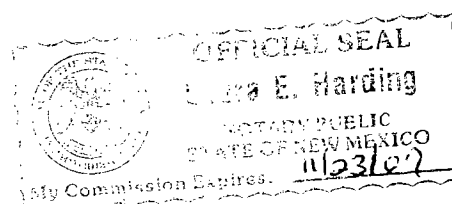
Subscribed and sworn to before me on this 24th day of October, 2006

Notary

*Laura E. Harding*

Commission Expires:

11/23/07



**NOTICE OF  
PUBLICATION**

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

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations (20.6.2.3106 NMAC), the following discharge permit application(s) has been submitted to the Director of the New Mexico Oil Conservation Division ("NMOCD"), 1220 S. Saint Francis Drive, Santa Fe, New Mexico 87505, telephone (505) 476-3444:

(GW-080) Transwestern Pipeline Co., Summit Office Building, 4001 Industrial School Road, NE, Suite 250, Albuquerque, New Mexico 87110, has submitted a renewal application for the previously approved discharge plan for their Thorau Compressor Station, located in the SE/4 of Section 20, Township 14 North, Range 13 West, NMPM, McKinley County, New Mexico, at 174 Castle Rock Road, Thorau, New Mexico 87333. Approximately 100 gallons per week of scrubber and wash down water will be collected and stored onsite in a closed top steel tank within a bermed area prior to disposal at an NMOCD approved facility. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 50 to 70 feet, with a total dissolved solids concentration of approximately 380 mg/l. The discharge plan addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(HI-0104) El Paso Natural Gas Company

(EPNG), 3801 S. Drive NW, Albuquerque, NM, 87120, has submitted an application for a discharge plan for the Line 1100 Hydrostatic Test Project. The discharge site is located in the SW of the SW of Section 14, Township 26 South, Range 3 East, NMPM, Dona Ana County, New Mexico. Approximately 0.5 miles northeast of the intersection of Joy Road and Hwy 478 and 0.1 miles north of Joy Road in Anthony, New Mexico. The hydrostatic testing will cleanse the pipeline utilizing water and a non-hazardous cleaner to remove any residual oil or other deleterious substances that may be present in the pipeline. The rinsate solution will be containerized and transported off-site for recycling. Once the pipeline is cleansed, hydrostatic test water will be introduced. The amount of water to be discharged is estimated at about 200,000 gallons and will contain hydrocarbon residue and non-hazardous cleaner. The water will be contained in portable storage tanks and tested prior to disposal. Ground water most likely to be affected by an accidental discharge is at a depth of approximately 30 feet with a total dissolved solids concentration of 1,000 to 3,000 mg/l. The discharge plan consists of a description of the method and location for collection, testing and retention of fluids and solids, how products and wastes will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

The NMOCD has determined that the application is administratively complete and has prepared a draft permit. The NMOCD will accept comments and statements of interest regarding this application and will create a facility-specific mailing list for persons who wish to receive future notices. Persons interested in obtaining further information, submitting comments or requesting to be on a facility-specific mail-

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

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 10th day of October 2006.

**STATE OF  
NEW MEXICO  
OIL CONSERVATION  
DIVISION**

SEAL  
Mark Fesmire,  
Director  
Legal #79861  
Pub. Oct. 24, 2006

# Classified Advertising Invoice

The Independent  
500 North Ninth  
PO Box 1210  
Gallup, NM 87305  
Phone: (505) 863-6811  
Fax: (505) 863-0039

**RECEIVED**  
OCT 20 2006

Oil Conservation Division  
1220 S. St. Francis Drive  
Santa Fe, NM 87505

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ENERGY MINERALS & NATURAL  
RESOURCE DEPARTMENT  
1220 SOUTH ST. FRANCIS DRIVE  
SANTA FE, NM 87505  
Oil Conservation Division  
Attn: Brad A. Jones

Cust#: 01101337-000  
Phone: (505)476-3413  
Date: 10/21/06  
Due Date: 11/19/06

Ad#	Text	Start	Stop	Days	Amount	Prepaid	Due
01509395-001	LE #8309	10/21/06	10/21/06	1	154.01	0.00	154.01

*Please Refer To Legal# Indicated On  
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*Thank You  
Legal Dept.  
863-6811 Ext. 201*

Please return a copy with payment

Total Due

154.01

# Affidavit of Publication

STATE OF NEW MEXICO

) SS

COUNTY OF MCKINLEY

LYDIA JOE being duly sworn upon oath, deposes and says:

As LEGALS CLERK of The Independent, a newspaper published in and having a general circulation in McKinley County, New Mexico and in the City of Gallup, New Mexico and having a general circulation in Cibola County, New Mexico and in the City of Grants, New Mexico and having a general circulation in Apache County, Arizona and in the City of St. Johns and in the City of Window Rock, Arizona therein: that this affiant makes this affidavit based upon personal knowledge of the facts herein sworn to. That the publication, a copy of which is hereto attached was published in said newspaper during the period and time of publication and said notice was published in the newspaper proper, and not in a supplement thereof, for one time the first publication being on the 21st day of October 20 06, the second publication being on the        day of        20 the third publication being on the        day of        20

and the last publication being on the        day of        20

That such newspaper, in which such notice or advertisement was published, is now and has been at all times material hereto, duly qualified for such purpose, and to publish legal notices and advertisements within the meaning of Chapter 12, of the statutes of the State of New Mexico, 1941 compilation.

Lydia Joe  
Affiant.

Sworn and subscribed to before me this 23rd day of October, A.D., 20 06

Gloria M. Lopez  
Notary Public

My commission expires:

February 9, 2009

LEGAL NOTICE  
Santa Fe-Santa Fe County  
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 (20.6.2.3106 NMAC), the following discharge permit application(s) has been submitted to the Director of the New Mexico Oil Conservation Division ("NMOCD"), 1220 S. Saint Francis Drive, Santa Fe, New Mexico 87505. Telephone (505) 476-3440:

(GW-080) Transwestern Pipeline Co., Summit Office Building, 4001 Indian School Road, NE, Suite 250, Albuquerque, New Mexico 87110, has submitted a renewal application for the previously approved discharged plan for their Thoreau Compressor Station, located in the SE/E of Section 20, Township 14 North, Range 13 West, NMPM, McKinley County, New Mexico, at 174 Castle Rock Road, Thoreau, New Mexico 87323. Approximately 100 gallons per week of scrubber and wash down water will be collected and stored on-site in a closed top steel tank within a bermed area prior to disposal at an NMOCD approved facility. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 50 to 70 feet, with a total dissolved solids concentration of approximately 380 mg/l. The discharge plan addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

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

If no public hearing is held, the Director

will approve or disapprove the proposed permit based on information available, including all comments received. If a public hearing is held, the director will approve or disapprove the proposed permit based on information in the permit application and information submitted at the hearing.

Para obtener mas informacion sobre esta solicitud en espanol, sirvase comunicarse por favor: New Mexico Energy, Minerals and Natural Resources Department (Depto. Del Energia, Minerals y Recursos Naturales de Nuevo Mexico), Oil Conservation Division (Depto. Conservacion Del Petroleo), 1220 South St. Francis Drive, Santa Fe, New Mexico (Contacto: Dorothy Phillips, 505-476-3461)

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 10th day of October, 2006.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION  
Mark Fesmire, Director

Legal #8309 Published in The Independent  
October 21, 2006.

**LEGAL NOTICE**  
 Santa Fe-Santa Fe County  
 New Mexico

**NOTICE OF PUBLICATION**

**STATE OF NEW MEXICO  
 ENERGY, MINERALS AND NATU-  
 RAL RESOURCES DEPARTMENT  
 OIL CONSERVATION DIVISION**

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

(GW-080) Transwestern Pipeline Co., Summit Office Building, 4001 Indian School Road, NE, Suite 250, Albuquerque, New Mexico 87110, has submitted a renewal application for the previously approved discharge plan for their Thorau Compressor Station, located in the SE/E of Section 20, Township 14 North, Range 13 West, NMPM, McKinley County, New Mexico, at 174 Castle Rock Road, Thorau, New Mexico 87323. Approximately 100 gallons per week of scrubber and wash down water will be collected and stored onsite in a closed top steel tank within a hermed area prior to disposal at an NMOCD approved facility. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 50 to 70 feet, with a total dissolved solids concentration of approximately 380 mg/l. The discharge plan addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

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

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

Para obtener mas informacion sobre esta solicitud en español, sirvase comunicarse

Post-It® Fax Note	7671	Date	10/19	# of pages	34
To	Brad A. Jones	From	Lydia		
Co./Depl.		Co.			
Phone #		Phone #	863-6811		
Fax #	505-476-3462	Fax #			

**PLEASE call to confirm run DATES,  
 (505) 863-6811.**

**DEADLINE is 3:00 p.m.  
 2 days prior to publication.**

Thanks

Lydia  
 - Legals

por favor: New Mexico Energy, Minerals  
and Natural Resources Department (Depm.  
Del Energia, Minerales y Recursos Natu-  
rales de Nuevo Mexico), Oil Conservation  
Division (Depm. Conservacion Del Petro-  
leo), 1250 South St. Francis Drive, Santa  
Fe, New Mexico (Contact: Dorothy Phil-  
lips, 505-476-3461)

GIVEN under the Seal of New Mexico Oil  
Conservation Commission at Santa Fe,  
New Mexico, on this 10th day of October  
2006,

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION  
Mark Fesmire, Director

Legal #8309 Published in The Independent  
October 21, 2006.



# Advertising Receipt

The Independent  
500 North Ninth  
PO Box 1210  
Gallup, NM 87305  
Phone: (505) 863-6811  
Fax: (505) 863-0039

LE  
ENERGY MINERALS & NATURAL  
RESOURCE DEPARTMENT  
1220 SOUTH ST. FRANCIS DRIVE  
SANTA FE, NM 87505

Cust#: 01101337-000  
Ad#: 01509395  
Phone: (505)476-3413  
Date: 10/19/06

Ad taker: 001

Salesperson:

Classification: 065

Description	Start	Stop	Ins.	Cost/Day	Surcharges	Total
01 The Independent	10/21/06	10/21/06	1	143.00		143.00

**Payment Reference:****Total:** 143.00**Tax:** 11.01**Net:** 154.01**Prepaid:** 0.00**Total Due** 154.01

LEGAL NOTICE  
Santa Fe-Santa Fe County  
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 (20.6.2.3106 NMAC), the following discharge permit application(s) has been  
submitted to the Director of the New Mexico Oil Conservation Division ("NMOCD"), 1220 S.  
Saint Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

(GW-080) Transwestern Pipeline Co., Summit Office Building, 4001 Indian School Road, NE.

## **LEGAL ADS DEADLINES**

Legal ads publishing Wednesday-Saturday must be in two (2) days prior to publication, before 3:00 pm.

Legal ads publishing Mondays or Tuesdays, must be in on Fridays before 2:00 pm.

Legal ads more than five (5) pages, long must be turned in four (4) days prior to publication.

Notice that ads must be faxed in (505) 863-0039 or customer must come by the office to place their ad.

All classified and legal ads under the amount of \$25.00 must be prepaid.

The Gallup Independent will not be responsible for ads that are left on price quote due to no reply or response from individuals.

Ads that are in need of correction, addition, removal or changes must be made 24 hours after first publication. The Gallup Independent will not be responsible for ads not changed in the designated time frame and will be charged at regular price.

*Lydia*  
*Legals Ext. 201*

TRANSACTION REPORT

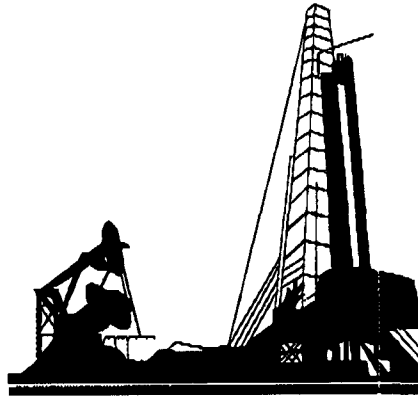
P.01

OCT-18-2006 WED 02:19 PM

FOR:

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
OCT-18	02:17 PM	915058630039	1' 37"	2	SEND	OK	435	

TOTAL : 1M 37S PAGES: 2



TRANSMITTAL COVER SHEET

OIL CONSERVATION DIVISION  
1220 S. ST. FRANCIS DRIVE  
SANTA FE, NM 87505  
(505) 476-3440  
(505) 476-3462 (Fax)

PLEASE DELIVER THIS FAX:

TO: Lydia Rangel - Gallup Independent

FROM: Brad A. Jones (505) 476-3487



TRANSMITTAL COVER SHEET

OIL CONSERVATION DIVISION  
1220 S. ST. FRANCIS DRIVE  
SANTA FE, NM 87505  
(505) 476-3440  
(505) 476-3462 (Fax)

PLEASE DELIVER THIS FAX:

TO: Lydia Rangel - Gallup Independent

FROM: Brad A. Jones (505) 476-3487

DATE: 10/18/00

PAGES: 2 (includes coversheet)

SUBJECT: Lydia,

Please provide a cost estimate and publish the attached notice in the Classified Notice section of the newspaper. The notice is to be published once. PO # is 52100-0000001493. Please mail an affidavit of proof of publication for this notice. Please contact me if you have any questions. Thank you

IF YOU HAVE TROUBLE RECEIVING THIS FAX, PLEASE CALL THE OFFICE NUMBER ABOVE.

## NOTICE OF PUBLICATION

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

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

**(GW-080) Transwestern Pipeline Co., Summit Office Building, 4001 Indian School Road, NE, Suite 250, Albuquerque, New Mexico 87110, has submitted a renewal application for the previously approved discharge plan for their Thoreau Compressor Station, located in the SE/4 of Section 20, Township 14 North, Range 13 West, NMPM, McKinley County, New Mexico, at 174 Castle Rock Road, Thoreau, New Mexico 87323. Approximately 100 gallons per week of scrubber and wash down water will be collected and stored onsite in a closed top steel tank within a bermed area prior to disposal at an NMOCD approved facility. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 50 to 70 feet, with a total dissolved solids concentration of approximately 380 mg/l. The discharge plan addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.**

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

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 10<sup>th</sup> day of October 2006.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

S E A L

Mark Fesmire, Director



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

**Joanna Prukop**

Cabinet Secretary

**Mark E. Fesmire, P.E.**

Director

**Oil Conservation Division**

October 4, 2006

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

**Re: Discharge Plan Renewal Permit GW-080  
Transwestern Pipeline Company  
Thoreau Compressor Station  
McKinley County, New Mexico**

Dear Mr. Steenberg:

The New Mexico Oil Conservation Division (NMOCD) has received Transwestern Pipeline Company's amended request, dated October 4, 2006, to renew GW-080 for the Transwestern Pipeline Company Thoreau Compressor Station located in the SE/4 of Section 20, Township 14 North, Range 13 West, NMPM, McKinley County, New Mexico. The submittal provided the required information in order to deem the application "administratively" complete.

Therefore, the revised WQCC notice requirements of 20.6.2.3108 NMAC must be satisfied and demonstrated to the NMOCD. NMOCD will provide public notice pursuant to the revised WQCC notice requirements of 20.6.2.3108 NMAC to determine if there is any public interest.

If there are any questions regarding this matter, please do not hesitate to contact me at (505) 476-3487 or [brad.a.jones@state.nm.us](mailto:brad.a.jones@state.nm.us). On behalf of the staff of the NMOCD, I wish to thank you and your staff for your cooperation during this discharge permit review.

Sincerely,

Brad A. Jones

Environmental Engineer

BAJ/baj

xc: OCD District III Office, Aztec

**Jones, Brad A., EMNRD**

---

**From:** Steenberg, John [John.Steenberg@SUG.com]  
**Sent:** Wednesday, October 04, 2006 10:45 AM  
**To:** Jones, Brad A., EMNRD  
**Subject:** Proposed Wording for Public Notice for Discharge Plan GW-080  
**Attachments:** Public Notice OCD Discharge Plan Renewal Sta 5 100306.doc

Brad,

Attached is my proposed wording for the public notice for our Thoreau Compressor Station discharge plan renewal. After your approval of the wording, I will get the information translated into Spanish as well. We propose to do the notice in the Gallup, NM Independent newspaper. The Thoreau Compressor Station (Station 5) land is owned by Transwestern Pipeline Company.

Let me know if any additions, deletions or corrections are needed on the document. Thanks.

John Steenberg  
Division Environmental Specialist  
Albuquerque Regional Office  
Office (505) 260-4013  
Cell (505) 228-8398  
Fax (505)254-1437

The information in this e-mail, and any files transmitted with it, is intended for the exclusive use of the recipient(s) to which it is addressed and may contain confidential, proprietary or privileged information. If you are not an intended recipient, you have received this transmission in error and any use, review, dissemination, distribution, printing or copying of this information is strictly prohibited. If you have received this e-mail in error, please notify the sender immediately of the erroneous transmission by reply e-mail, immediately delete this e-mail and all electronic copies of it from your system and destroy any hard copies of it that you may have made. Thank you.

10/4/2006

## **PUBLIC NOTICE**

Transwestern Pipeline Company, 4001 Indian School Road NE, Suite 250, Albuquerque, New Mexico 87110, has submitted a renewal application to the New Mexico Energy, Minerals and Natural Resources Department, Oil Conservation Division for the previously approved discharge plan (GW-080) for their Thoreau Compressor Station located in the SE ¼ of Section 20, Township 14 North, Range 13 West in McKinley County, New Mexico. The address of the facility is 174 Castle Rock Road, Thoreau, New Mexico 87323.

Materials generated or used at the facility include pipeline condensate liquid, new and used engine lubrication oil, gear oil, engine coolant liquid containing antifreeze and water and oily waste water from engine or scrubber wash down. The wash down water amounts to approximately 100 gallons per week. All liquids utilized at the facility are stored in dedicated above ground storage tanks prior to offsite disposal or recycling at an OCD approved site. All storage tanks are within properly engineered and OCD approved secondary containment. No onsite discharges are intentionally allowed to contact or enter surface or groundwater.

Since there are no intentional discharges, the volume of discharges is zero. Subsequently since the volume of discharges is zero, the quality of the discharges is not applicable. The aquifer most likely to be affected is 50 to 70 feet in depth, and the total dissolved solids concentration of this aquifer is approximately 380 mg/L.

Any interested person may obtain information, submit comments or request to be placed on a facility specific mailing list for future notices by contacting Brad Jones at the New Mexico OCD at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3487. The OCD will accept comments and statements of interest regarding the renewal and will create a facility-specific mailing list for persons who wish to receive future notices.





# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

**Joanna Prukop**

Cabinet Secretary

**Mark E. Fesmire, P.E.**

Director

**Oil Conservation Division**

September 21, 2006

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

**Re: Discharge Plan Renewal Permit GW-080  
Transwestern Pipeline Company  
Thoreau Compressor Station  
McKinley County, New Mexico**

Dear Mr. Steenberg:

The New Mexico Oil Conservation Division (NMOCD) has received Transwestern Pipeline Company's request and initial fee, dated July 31, 2006, to renew GW-080 for the Transwestern Pipeline Company Thoreau Compressor Station located in the SE/4 of Section 20, Township 14 North, Range 13 West, NMPM, McKinley County, New Mexico. The review of the submittal is to determine if any additional information may be required before considering deeming the permit application administratively complete. The initial submittal has been determined to be incomplete.

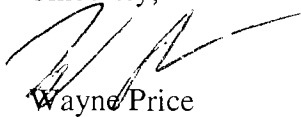
Therefore, the NMOCD requests additional information. In accordance with Subsection A of 20.6.2.3108 NMAC of the revised New Mexico Water Quality Control Commission regulations (WQCC), "to be deemed administratively complete, an application shall provide all of the information required by Paragraphs (1) through (5) of Subsection F of 20.6.2.3108 NMAC and shall indicate, for department approval, the proposed locations and newspaper for providing notice required by Paragraphs (1) through (4) of Subsection B or Paragraph (2) of Subsection C of 20.6.2.3108 NMAC." Please provide the required information.

Please review the attached flow chart and regulatory language pertaining to the new WQCC public notice requirements for guidance. Once the application is deemed administratively complete, the revised WQCC notice requirements of 20.6.2.3108 NMAC must be satisfied and demonstrated to the NMOCD. NMOCD will provide public notice pursuant to the revised WQCC notice requirements of 20.6.2.3108 NMAC to determine if there is any public interest.

Mr. Steenberg  
September 21, 2006  
Page 2

If there are any questions regarding this matter, please contact Brad A. Jones at (505) 476-3487 or [brad.a.jones@state.nm.us](mailto:brad.a.jones@state.nm.us). On behalf of the staff of the NMOCD, I wish to thank you and your staff for your cooperation during this discharge permit review.

Sincerely,



Wayne Price  
Environmental Bureau Chief

LWP/baj

Attachments-1

xc: OCD District III Office, Aztec

**Transwestern Pipeline Company**

Summit Office Building  
4001 Indian School Road, NE, Suite 250  
Albuquerque, NM 87110  
Phone (505) 260-4020  
Fax (505) 254-1437

July 31, 2006

UPS Tracking No.: 1Z F7E 046 01 9625 3072

Ed Martin  
New Mexico Oil Conservation Division  
Environmental Bureau  
1220 South St. Francis  
Santa Fe, New Mexico 87505

Re: Discharge Plan GW-080  
Transwestern Pipeline Company  
Thoreau Compressor Station  
McKinley County, New Mexico

Dear Mr. Martin:

The ground water discharge plan GW-080 for the Transwestern Pipeline Company's Thoreau Compressor Station expires on November 14, 2006 and requires renewal. The location of the facility is in SE/4 of Section 20, Township 14 North, Range 13 West in McKinley County, New Mexico. There have been no changes at the facility since the last plan was issued in June 12, 2001. Therefore, we respectfully request to renew the plan based on the information for the original plan. Enclosed with this request is a check for \$100.00 for the application fee for renewal.

Should you have any questions or require any additional information, please contact me by phone at (505) 260-4013 or by mail to my attention at our Albuquerque Regional Office at the address in the letterhead. Thank you very much for your assistance in this matter.

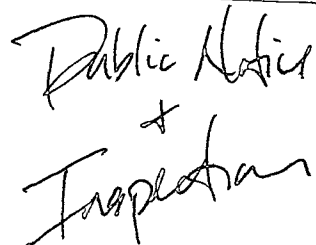
Sincerely,



John Steenberg  
Division Environmental Specialist

Enclosure: Check for \$100

cc: Station 5 -- Thoreau  
Envision 205.1.20  
File



ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED]

dated

7/20/06

in the amount of \$

100.00

Transwestern Pipeline Co.

GW-080

submitted by

LAWRENCE ROMERO

Date

8/1/06

approved by ASD No.

Lawrence Romero

Date

8/1/06

Received in ASD by

Date

Filing Fee



New Facility

Renewal



Modification

Other

Organization Code

521.07

Applicable FY

2004

To be deposited in the Water Quality Management Fund.

Full Payment

or Annual Increment



Transwestern Pipeline Company  
5444 Westheimer Road  
Houston, TX 77056-5306

JPMorgan Chase Bank, N.A.  
Syracuse, New York

50-937  
213

PAY IN U.S. DOLLARS

CHECK DATE

07/20/2006

CHECK NUMBER

CHECK AMOUNT

\$100.00

\*\*\*\*\*ONE HUNDRED AND 00/100 DOLLARS\*\*\*\*\*

TO THE  
ORDER OF

NEW MEXICO OIL CONSERVATION DIVISIO  
ENVIRONMENTAL BUREAU  
1220 SOUTH ST FRANCIS  
SANTA FE NM 87505

4

Richard N. Marshall

Authorized Signature  
Void After 60 Days



Transwestern Pipeline Company  
5444 Westheimer Road  
Houston, TX 77056-5306

PAGE

1

OF

1

NEW MEXICO OIL CONSERVATION DIVISIO  
ENVIRONMENTAL BUREAU  
1220 SOUTH ST FRANCIS  
SANTA FE NM 87505

VENDOR NO.	CHECK NO.	DATE
48452		07/20/2006

INVOICE NUMBER	INVOICE DATE	VOUCHER ID	GROSS AMOUNT	DISCOUNT TOTAL	PAID AMOUNT
07190610000	07/19/2006	640203	\$100.00	\$0.00	\$100.00
		TOTAL	\$100.00	\$0.00	\$100.00
APPLICATION FEE FOR TW PIPELINE'S THORRAH CS. DISCHARGE PLAN RENEWAL (GW-080)					

Description	FUND	CES	DFA ORG	ED ORG	ED ACCT	AMOUNT	
1 CY Reimbursement Project Tax	064	01		2329	900000	2329134	1
6 Gross Receipt Tax	064	01		1896	900000	4169134	2
3 Air Quality Title V	092	13	1300	9696	900000	4989014	3
4 PRP Prepayments	248	14	1400	9696	900000	4989014	4
2 Climax Chemical Co.	248	14	1400	9696	900000	4989015	5
8 Circle K Reimbursements	248	14	1400	9696	900000	4989248	6
7 Hazardous Waste Permits	339	27	2700	1698	900000	4169027	7
8 Hazardous Waste Annual Generator Fees	339	27	2700	1698	900000	4169339	8
10 Water Quality - Oil Conservation Division	341	29		2329	900000	2329029	100 90 10
11 Water Quality - GW Discharge Permit	341	29	2900	1696	900000	4169029	11
12 Air Quality Permits	631	31	2500	1696	900000	4169031	12
13 Payments under Protest	651	33		2919	900000	2919033	13
14 Xerox Copies	662	34		2349	900000	2349001	14
15 Ground Water Penalties	662	34		2349	900000	2349002	15
16 Witness Fees	662	34		2349	900000	2439003	16
17 Air Quality Penalties	662	34		2349	900000	2349004	17
18 OSHA Penalties	662	34		2349	900000	2349005	18
19 Prior Year Reimbursement	662	34		2349	900000	2349006	19
20 Surface Water Quality Certification	662	34		2349	900000	2349009	20
21 Jury Duty	662	34		2349	900000	2349012	21
22 CY Reimbursements ( i.e. telephone)	662	34		2349	900000	2349014	22
23 UST Owner's List	783	24	2500	9696	900000	4989201	*23
24 Hazardous Waste Notifiers List	783	24	2500	9696	900000	4989202	*24
25 UST Maps	783	24	2500	9696	900000	4989203	*25
26 UST Owner's Update	783	24	2500	9696	900000	4989205	*26
28 Hazardous Waste Regulations	783	24	2500	9696	900000	4989207	*28
29 Radiologic Tech. Regulations	783	24	2500	9696	900000	4989208	*29
30 Superfund CERLIS List	783	24	2500	9696	900000	4989211	*30
31 Solid Waste Permit Fees	783	24	2500	9696	900000	4989213	31
32 Smoking School	783	24	2500	9696	900000	4989214	32
33 SWQB - NPS Publications	783	24	2500	9696	900000	4989222	*33
34 Radiation Licensing Regulation	783	24	2500	9696	900000	4989228	*34
35 Sale of Equipment	783	24	2500	9696	900000	4989301	*35
36 Sale of Automobile	783	24	2500	9696	900000	4989302	*36
37 Lost Recoveries	783	24	2500	9696	900000	4989814	**37
38 Lost Repayments	783	24	2500	9696	900000	4989815	**38
39 Surface Water Publication	783	24	2500	9696	900000	4989801	39
40 Exxon Road Drive Ruidoso - CAF	783	24	2500	9696	900000	4989242	40
41 Emerg. Hazardous Waste Penalties NOV	957	32	9600	1698	900000	4164032	41
42 Radiologic Tech. Certification	967	05	0500	1698	900000	4169005	42
44 Ust Permit Fees	989	20	3100	1696	900000	4169020	44
45 UST Tank Installers Fees	989	20	3100	1696	900000	4169021	45
46 Food Permit Fees	991	26	2600	1696	900000	4169026	46
43 Other							43

Gross Receipt Tax Required

-- Site Name & Project Code Required

TOTAL

100 00

contact Person: Wagner Price Phone: 426-3490 Date: 8/1/06

received in ASD By: \_\_\_\_\_ Date: \_\_\_\_\_ RT #: \_\_\_\_\_ ST #: \_\_\_\_\_

## Description

FUND

CES

DFA  
ORGDE  
ACED  
ORGED  
ACCT

AMOUNT

1	CY Reimbursement Project	Tax	064	01						1
6	Gross Receipt Tax		064	01		2329	900000	2329134		2
3	Air Quality Title V		092	13	1300	1896	900000	4169134		3
4	PRP Prepayments		248	14	1400	9696	900000	4989014		4
2	Climax Chemical Co.		248	14	1400	9696	900000	4989015		5
8	Circle K Reimbursements		248	14	1400	9696	900000	4989248		6
7	Hazardous Waste Permits		339	27	2700	1698	900000	4169027		7
8	Hazardous Waste Annual Generator Fees		339	27	2700	1698	900000	4169339		8
10	Water Quality - Oil Conservation Division		341	29		2329	900000	2329029	200	10
11	Water Quality - GW Discharge Permit		341	29	2900	1696	900000	4169029		11
12	Air Quality Permits		631	31	2500	1696	900000	4169031		12
13	Payments under Protest		651	33		2919	900000	2919033		13
14	Xerox Copies		652	34		2349	900000	2349001		*14
15	Ground Water Penalties		652	34		2349	900000	2349002		15
16	Witness Fees		652	34		2349	900000	2439003		16
17	Air Quality Penalties		652	34		2349	900000	2349004		17
18	OSHA Penalties		652	34		2349	900000	2349005		18
19	Prior Year Reimbursement		652	34		2349	900000	2349006		19
20	Surface Water Quality Certification		652	34		2349	900000	2349009		20
21	Jury Duty		652	34		2349	900000	2349012		21
22	CY Reimbursements ( i.e. telephone)		652	34		2349	900000	2349014		22
23	UST Owner's List		783	24	2500	9696	900000	4969201		*23
24	Hazardous Waste Notifiers List		783	24	2500	9696	900000	4969202		*24
25	UST Maps		783	24	2500	9696	900000	4969203		*25
26	UST Owner's Update		783	24	2500	9696	900000	4969205		*26
28	Hazardous Waste Regulations		783	24	2500	9696	900000	4969207		*28
29	Radiologic Tech. Regulations		783	24	2500	9696	900000	4969208		*29
30	Superfund CERLIS List		783	24	2500	9696	900000	4969211		*30
31	Solid Waste Permit Fees		783	24	2500	9696	900000	4969213		31
32	Smoking School		783	24	2500	9696	900000	4969214		32
33	SWQB - NPS Publications		783	24	2500	9696	900000	4969222		*33
34	Radiation Licensing Regulation		783	24	2500	9696	900000	4969228		*34
35	Sale of Equipment		783	24	2500	9696	900000	4969301		*35
36	Sale of Automobile		783	24	2500	9696	900000	4969302		*36
37	Lust Recoveries		783	24	2500	9696	900000	4969814		**37
38	Lust Repayments		783	24	2500	9696	900000	4969815		**38
39	Surface Water Publication		783	24	2500	9696	900000	4969801		39
40	Exxon Reese Drive Ruidoso - CAF		783	24	2500	9696	900000	4969242		40
41	Emerg. Hazardous Waste Penalties NOV		957	32	9600	1698	900000	4164032		41
42	Radiologic Tech. Certification		987	05	0500	1696	900000	4169005		42
44	Ust Permit Fees		989	20	3100	1696	900000	4169020		44
45	UST Tank Installers Fees		989	20	3100	1696	900000	4169021		45
46	Food Permit Fees		991	26	2600	1696	900000	4169026		46
43	Other									43

Gross Receipt Tax Required

Site Name &amp; Project Code Required

TOTAL

200<sup>00</sup>

Contact Person:

Wagner Price

Phone:

476-3490

Date:

8/22/06

Received in ASD By:

Date:

RT #:

ST #:

FSB025

Revised 07/07/00



6381 North Main Street  
Roswell, NM 88201

505.625.8022 Fax: 505.627.8172

**Larry Campbell**  
Division Environmental Specialist

April 13, 2006

UPS Confirmation No.

1Z 875 525 03 4472 4946

Mr. Ed Martin  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87504

Re: Notification of Annual Sump Inspections, Transwestern Pipeline Company

Dear Mr. Martin:

By this letter, Transwestern Pipeline Company is providing written notification to the Oil Conservation Division that the annual sump inspections will be completed for the following facilities on the following dates:

Station 8 Corona GW-89	5/8/06
Station 9 Roswell GW-52	5/9/06
P-1 Compressor Station GW-90	5/10/06
Wt-1 Compressor Station GW-80	5/10/06

Submittal of this letter complies with the notification requirements as presented in each facilities Discharge Plan.

Should your agency require additional information concerning this written notification, contact the undersigned at our Roswell Technical Operations office at (505) 625-8022.

Sincerely,

Larry Campbell  
Division Environmental Specialist

xc: Roswell Compressor Station  
Corona Compressor Station  
P-1 Compressor Station  
Wt-1 Compressor Station  
Envisions file no. 205.1.20





6381 North Main Street  
Roswell, NM 88201

505.625.8022 Fax: 505.627.8172

**Larry Campbell**  
Division Environmental Specialist

April 13, 2006

UPS Confirmation No.

1Z 875 525 03 4472 4946

Mr. Ed Martin  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87504

Re: Notification of Drain line Testing, Transwestern Pipeline Company

Dear Mr. Martin:

By this letter, Transwestern Pipeline Company is providing written notification to the Oil Conservation Division that the 5 year drain line testing and inspection will be initiated for the following facilities on the following dates:

Station 8 Corona GW-89	05/04/06
P-1 Compressor Station GW-90	05/01/06
Wt-1 Compressor Station GW-80	05/08/06

Submittal of this letter complies with the notification requirements as presented in each facilities Discharge Plan.

Should your agency require additional information concerning this written notification, contact the undersigned at our Roswell Technical Operations office at (505) 625-8022.

Sincerely,

Larry Campbell  
Division Environmental Specialist

xc: Corona Compressor Station  
P-1 Compressor Station  
Wt-1 Compressor Station  
Envisions file no. 205.1.20



APR 26 PM 1 41

6381 North Main Street  
Roswell, NM 88201

505.625.8022 Fax: 505.627.8172

**Larry Campbell**  
Division Environmental Specialist

April 24, 2006

UPS Confirmation No.

1Z 875 525 03 4426 4309

Mr. Ed Martin  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87504

Re: Notification of Sump Removal, Transwestern Pipeline Company, Wt-1  
Compressor Station, OCD Discharge Plan GW-80

Dear Mr. Martin:

On April 13, 2006, Transwestern Pipeline Company submitted written notification that the annual sump inspection will be conducted at the above referenced facility on May 10, 2006. Due to a management decision, the sump at the Wt-1 facility has been removed and will not be replaced. The wastewater from this stream, which once went into the sump will now be directly pumped into the facility's wastewater tank.

Visual inspection of the soils around the sump showed there to be no visual contamination or hydrocarbon odors present. When the sump was removed, the excavated area was backfilled with clean fill material.

There are now no sumps present at the facility and therefore, Transwestern will no longer be performing annual sump inspections, as required in OCD Discharge Plan GW-80.

Should your agency require additional information concerning this written notification, contact the undersigned at our Roswell Technical Operations office at (505) 625-8022.

Sincerely,

Larry Campbell  
Division Environmental Specialist

xc: Envisions file no. 205.1.20  
Wt-1 Compressor Station

**Campbell, Larry**

---

**From:** Smith, Randy  
**Sent:** Thursday, April 13, 2006 8:38 AM  
**To:** Campbell, Larry  
**Subject:** RE: Annual Sump Inspections

Larry, We should have the sump remove at WT-1 next week. Here are those pictures on Bilbrey and Texico compressor sites. The EPA Star report we repair all gas leaks when we find them, I look at the methane lists, the only pipe wrap this year was at West Texas area on main line, Larry and Ernesto installed.

-----Original Message-----

**From:** Campbell, Larry  
**Sent:** Wednesday, April 12, 2006 4:11 PM  
**To:** Tucker, Troy; Jolly, Dustin; Smith, Randy  
**Subject:** Annual Sump Inspections

Guys, the annual sump inspections are due in May of this year for Station 8, Station 9, Monument and Wt-1. I will be making the written notifications to the OCD that the inspections will be completed during the second week of May. The agency may want to be onsite for your inspection. If they reply, I'll forward to you. Remember, you have to drain all liquids from the sump and visually record whether there is evidence of corrosion or leaking within the sump and then take a picture of the inside of the sump for documentation. Copies of the notification letter will be mailed for your files....

4/24/2006



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

**Joanna Prukop**

Cabinet Secretary

**Mark E. Fesmire, P.E.**

Director

**Oil Conservation Division**

October 5, 2004

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

**RE: DISCHARGE PLAN (GW-80 )  
GROUND WATER REMEDIATION  
THOREAU COMPRESSOR STATION**

Dear Mr. Campbell:

The New Mexico Oil Conservation Division has reviewed Transwestern Pipeline Company's (TPC) September 30, 2004 "REPORT OF GROUNDWATER REMEDIATION ACTIVITIES, TRANSWESTERN PIPELINE COMPANY, THOREAU COMPRESSOR STATION, MCKINLEY COUNTY, NEW MEXICO" which was submitted on behalf of TPC by their consultant Cypress Engineering. This document contains the results of TPC's recent ground water remediation and monitoring activities at the Thoreau Compressor Station located in the SE/4, Section 20, Township 14 North, Range 13 West (NMPM), McKinley County, New Mexico. The document also proposes to change the ground water monitoring program from a semi-annual to an annual event.

The above-referenced proposal is approved. Please be advised that OCD approval does not relieve TPC of responsibility if the plan fails to adequately monitor or remediate contamination related to TPC's activities, or if contamination exists that is outside of the scope of the work plan. In addition, this approval does not relieve you of responsibility for compliance with other federal, state, tribal or local laws and regulations.

If you have any questions, please contact me at (505) 476-3491.

Sincerely,

William C. Olson

Hydrologist

Environmental Bureau Chief

xc: Denny Foust, OCD Aztec Office  
Julie Curtis, Navajo EPA Superfund Program  
George Robinson, Cypress Engineering

**Martin, Ed**

**From:** Martin, Ed  
**Sent:** Wednesday, April 10, 2002 7:42 AM  
**To:** 'Campbell, Larry'  
**Subject:** RE: Drain lline Testing

This plan is approved as stated. Please let me have a summary of the results of the tests when complete. Take care.  
Ed

-----Original Message-----

**From:** Campbell, Larry [mailto:Larry.Campbell@ENRON.com]  
**Sent:** Tuesday, April 09, 2002 11:48 AM  
**To:** EMARTIN@state.nm.us  
**Subject:** Drain lline Testing

Ed, when you were in the Hobbs area last month inspecting a couple of compressor stations operated by Transwestern Pipeline Company, I requested that Transwestern be given approval to conduct the 5 year drain line testing requirements at its 13 compressor stations which are currently under OCD discharge plans, prior to the five renewal date on the permit. The reason for this request is to reduce the price of sending a contractor out multiple times to do drain line testing when it would benefit Transwestern if the contractor could start at one end of our pipeline system and move concurrently from station to station and complete the testing for the al the compressor station along the entire pipeline in New Mexico. I am proposing to use the same methodology as was previously approved by your agency for the last drain line testing and propose to conduct the testing during the month of July. The list of facilities which are covered under this request are as follows:

Transwestern Pipeline Company

Wt-1 Compressor Station	GW-109
Mountainair Compressor Station	GW-110
Laguna Compressor Station	GW- 95
Thoreau Compressor Station	GW- 80
Bloomfield Compressor Station	GW- 84
Portales Compressor Station	GW- 90
Bisti Compressor Station	GW-285
Roswell Compressor Station	GW- 52
Gallup Compressor Station	GW-325
Monument Compressor Station	GW-197
Corona Compressor Station	GW- 89

Northern Natural Gas Company

Eunice Compressor Station	GW-113
Jal Compressor Station	GW-283

Ed, give me your thoughts on this.

Thanks

\*\*\*\*\*

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State of New Mexico  
ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT  
Santa Fe, New Mexico 87505

OP-80

STATE OF  
NEW MEXICO  
OIL  
CONSERVATION  
DIVISION

MEMORANDUM OF MEETING OR CONVERSATION

<input checked="" type="checkbox"/> Telephone <input type="checkbox"/> Personal	Time 1512	Date 4/9/02
---	-----------	-------------

Originating Party

Other Parties

Sandy Sharp - Cypress Engineering  
(713) 345-1529

Bill Olson - voice mail

Subject

ENRON - Thoreau Compressor Station

Discussion

Notification of ground water sampling event  
on 4/17/02

Conclusions or Agreements

Distribution

Signed

Bill Olson

I hereby acknowledge receipt of check No. [REDACTED] dated 7/5/01  
or cash received on 7/19/01 in the amount of \$ 1700.00  
from TRANSWESTERN PIPELINE CO.  
for GW-080  
(Facility Name)  
Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_  
(DP No.)  
Submitted to ASD by: ED MARTIN Date: 7/20/01  
Received in ASD by: \_\_\_\_\_ Date: \_\_\_\_\_  
Filing Fee \_\_\_\_\_ New Facility \_\_\_\_\_ Renewal ☒  
Modification \_\_\_\_\_ Other \_\_\_\_\_  
(Specify)  
Organization Code 521.07 Applicable FY 2001  
To be deposited in the Water Quality Management Fund.  
Full Payment ☒ or Annual Increment \_\_\_\_\_

Full Payment ✓ or Annual Increment \_\_\_\_\_

**NEW MEXICO ENVIRONMENT DEPARTMENT  
REVENUE TRANSMITTAL FORM**

Description	FUND	CEB	DFA ORG	DFA ACCT	ED ORG	ED ACCT	AMOUNT
1 CY Reimbursement Project _____ Tax _____	064	01					
5 Gross Receipt Tax	064	01		2329	900000	2329134	
3 Air Quality Title V	092	13	1300	1696	900000	4169134	
4 PRP Prepayments	248	14	1400	9696	900000	4969014	
2 Climax Chemical Co.	248	14	1400	9696	900000	4969015	
6 Circle K Reimbursements	248	14	1400	9696	900000	4969248	
7 Hazardous Waste Permits	339	27	2700	1696	900000	4169027	
8 Hazardous Waste Annual Generator Fees	339	27	2700	1696	900000	4169339	
10 Water Quality - Oil Conservation Division	341	29		2329	900000	2329029	1700.00
11 Water Quality - GW Discharge Permit	341	29	2900	1696	900000	4169029	
12 Air Quality Permits	631	31	2500	1696	900000	4169031	
13 Payments under Protest	651	33		2919	900000	2919033	
*14 Xerox Copies	662	34		2349	900000	2349001	
15 Ground Water Penalties	662	34		2349	900000	2349002	
16 Witness Fees	662	34		2349	900000	2439003	
17 Air Quality Penalties	662	34		2349	900000	2349004	
18 OSHA Penalties	662	34		2349	900000	2349005	
19 Prior Year Reimbursement	662	34		2349	900000	2349006	
20 Surface Water Quality Certification	662	34		2349	900000	2349009	
21 Jury Duty	662	34		2349	900000	2349012	
22 CY Reimbursements ( i.e. telephone)	662	34		2349	900000	2349014	
*23 UST Owner's List	783	24	2500	9696	900000	4969201	
*24 Hazardous Waste Notifiers List	783	24	2500	9696	900000	4969202	
*25 UST Maps	783	24	2500	9696	900000	4969203	
*26 UST Owner's Update	783	24	2500	9696	900000	4969205	
*28 Hazardous Waste Regulations	783	24	2500	9696	900000	4969207	
*29 Radiologic Tech. Regulations	783	24	2500	9696	900000	4969208	
*30 Superfund CERLIS List	783	24	2500	9696	900000	4969211	
31 Solid Waste Permit Fees	783	24	2500	9696	900000	4969213	
32 Smoking School	783	24	2500	9696	900000	4969214	
*33 SWQB - NPS Publications	783	24	2500	9696	900000	4969222	
*34 Radiation Licensing Regulation	783	24	2500	9696	900000	4969228	
*35 Sale of Equipment	783	24	2500	9696	900000	4969301	
*36 Sale of Automobile	783	24	2500	9696	900000	4969302	
*37 Lost Recoveries	783	24	2500	9696	900000	4969614	
*38 Lost Repayments	783	24	2500	9696	900000	4969615	
39 Surface Water Publication	783	24	2500	9696	900000	4969801	
40 Exxon Reese Drive Ruidoso - CAF	783	24	2500	9696	900000	4969242	
41 Emerg. Hazardous Waste Penalties NOV	957	32	9600	1696	900000	4164032	
42 Radiologic Tech. Certification	987	05	0500	1696	900000	4169005	
44 Ust Permit Fees	989	20	3100	1696	900000	4169020	
45 UST Tank Installers Fees	989	20	3100	1696	900000	4169021	
46 Food Permit Fees	991	26	2600	1696	900000	4169026	
43 Other							

\* Gross Receipt Tax Required

\* Site Name & Project Code Required

TOTAL 1700.00

Contact Person: ED MARTIN

Phone: 6-3492

Date: 7/20/01

Received in ASD By: \_\_\_\_\_

Date: \_\_\_\_\_ RT #: \_\_\_\_\_

ST #: \_\_\_\_\_



# REMITTANCE STATEMENT

Page 1 of 1

**VENDOR NUMBER: 5000068281**

VOUCHER NUMBER	INVOICE DATE	INVOICE NO.	PURCHASE ORDER	AMOUNT		
				GROSS	DISCNT	NET
	06122001	GW-084		1700.00	0.00	1700.00
					TOTAL	1700.00
SPECIAL INSTRUCTIONS: TO: L. CAMPBELL 6381 N. MAIN, ROSWELL, NM 88201						

**DETACH AND RETAIN THIS STUB FOR YOUR RECORDS.**

CHECK # [REDACTED] ATTACHED BELOW

**- REMOVE DOCUMENT ALONG THIS PERFORATION**



Cypress Engineering

10235 West Little York Road, Suite 256  
Houston, Texas 77040

(713) 856-7980 office  
(713) 856-7981 fax

June 4, 2001

Mr. William C. Olson  
Environmental Bureau  
New Mexico Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

RE: Proposed Monitor Well Installations  
Transwestern Pipeline Company  
Thoreau Compressor Station  
McKinley County, New Mexico

Dear Bill,

Cypress Engineering, on behalf of Transwestern Pipeline Company, proposes to install two additional monitor wells at the Thoreau Station remediation site. The location of the two wells relative to other monitor wells at the site is shown on the attached site diagram.

The purpose of the additional wells is to evaluate the potential presence of PCB compounds in the uppermost aquifer. Two existing monitor wells (5-1C and 5-6C) located near the southeast corner of the facility fence continue to produce groundwater samples that contain detectable concentrations of PCB compounds. Transwestern has previously suggested that the presence of PCBs in groundwater samples collected from these two wells is likely a result of contaminated soil being carried down-hole in the course of drilling activities. This has been suggested based upon two factors. First, significant concentrations of BTEX constituents are absent from groundwater samples collected from these two wells. In the absence of a carrier, such as natural gas condensate liquids, it is not likely that the PCB compounds could have migrated so far from the release point at the former surface impoundment. Second, PCBs are absent from all other groundwater monitor wells at the site. In light of this, Transwestern proposes to install two additional wells located in close proximity to the existing wells to confirm the presence or absence of PCBs in groundwater.

If you have any questions or comments regarding these proposed activities, please contact me at (713) 646-7327.

Sincerely,

George C. Robinson, PE  
President/Principal Engineer

xc w/attachment:

Ted Ryther  
Larry Campbell

ENRON Environmental Affairs  
Transwestern Pipeline Company

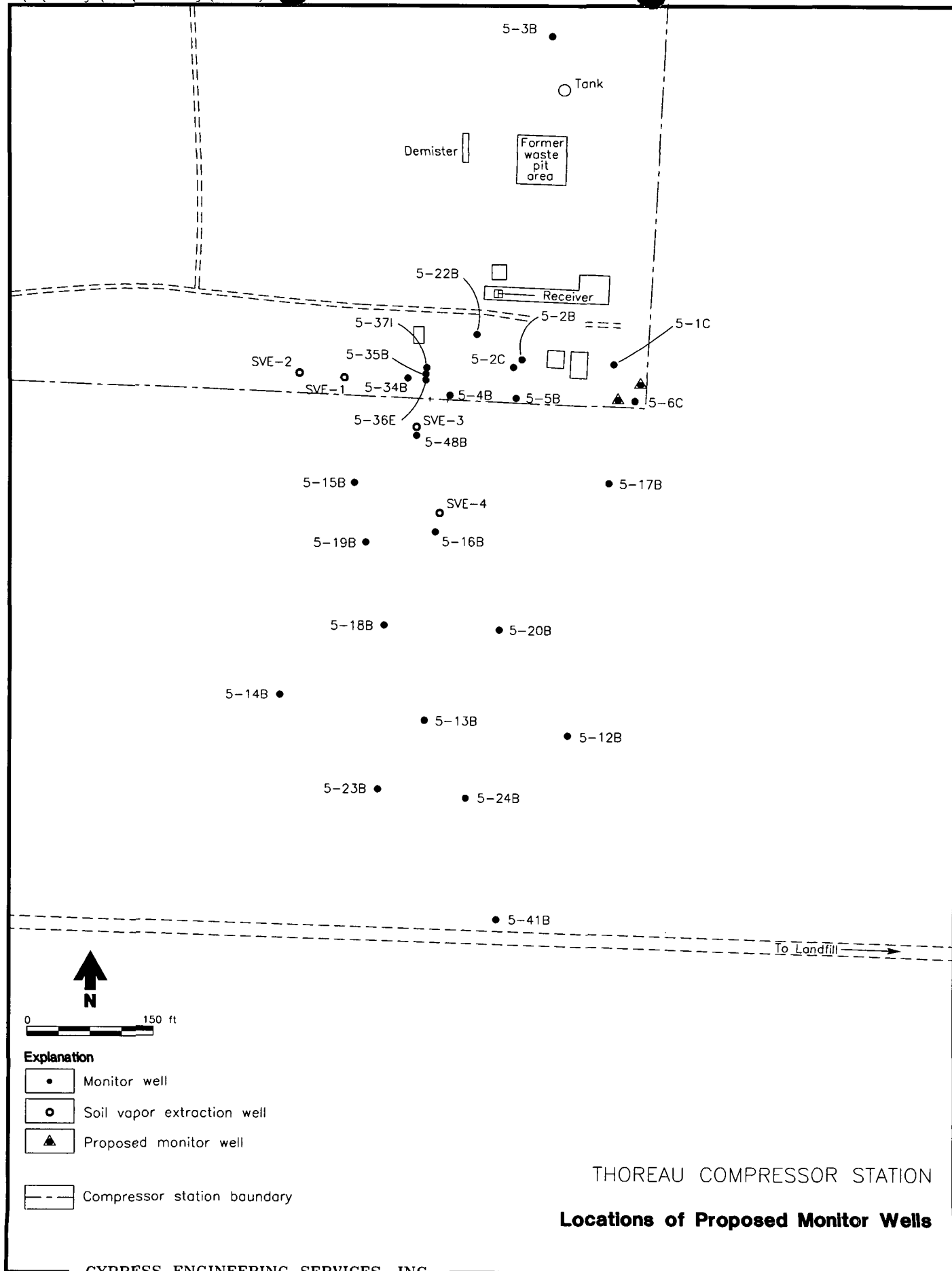


Figure 1

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

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

Revised January 24, 2001

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

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

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

☐ New ☒ Renewal ☐ Modification

1. Type: COMPRESSOR STATION
2. Operator: TRANSWESTERN PIPELINE COMPANY  
Address: 6381 NORTH MAIN STREET - THOREAU COMPRESSOR STATION GW-080  
Contact Person: LARRY CAMPBELL Phone: \_\_\_\_\_
3. Location: N 1/2 /4 SW 1/4 /4 Section 20 Township 14 N Range 13 W  
Submit large scale topographic map showing exact location.
4. Attach the name, telephone number and address of the landowner of the facility site.
5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.
6. Attach a description of all materials stored or used at the facility.
7. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included.
8. Attach a description of current liquid and solid waste collection/treatment/disposal procedures.
9. Attach a description of proposed modifications to existing collection/treatment/disposal systems.
10. Attach a routine inspection and maintenance plan to ensure permit compliance.
11. Attach a contingency plan for reporting and clean-up of spills or releases.
12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included.
13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.
14. CERTIFICATION: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: LARRY CAMPBELL

Title: DIVISION ENVIRONMENTAL SPECIALIST

Signature: Larry Campbell

Date: 3/20/01

I hereby acknowledge receipt of check No.                      dated 3/15/01  
or cash received on 3/26/01 in the amount of \$ 100.00  
from TRANSWESTERN PIPELINE Co.

**AUTHORIZED SIGNATURE**

**NEW MEXICO ENVIRONMENT DEPARTMENT  
REVENUE TRANSMITTAL FORM**

Description	FUND	CEB	DFA ORG	DFA ACCT	ED ORG	ED ACCT	AMOUNT
1 CY Reimbursement Project Tax	064	01					
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8 Circle K Reimbursements	248	14	1400	9696	900000	4969248	
7 Hazardous Waste Permits	339	27	2700	1686	900000	4169027	
8 Hazardous Waste Annual Generator Fees	339	27	2700	1696	900000	4169339	
10 Water Quality - Oil Conservation Division	341	29		2329	900000	2329029	
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12 Air Quality Permits	631	31	2500	1686	900000	4169031	
13 Payments under Protest	651	33		2919	900000	2919033	
*14 Xerox Copies	652	34		2349	900000	2349001	
15 Ground Water Penalties	652	34		2349	900000	2349002	
16 Witness Fees	652	34		2349	900000	2439003	
17 Air Quality Penalties	652	34		2349	900000	2349004	
18 OSHA Penalties	652	34		2349	900000	2349005	
19 Prior Year Reimbursement	652	34		2349	900000	2349006	
20 Surface Water Quality Certification	652	34		2349	900000	2349009	
21 Jury Duty	652	34		2349	900000	2349012	
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*24 Hazardous Waste Notifiers List	783	24	2500	9696	900000	4969202	
*25 UST Maps	783	24	2500	9696	900000	4969203	
*26 UST Owner's Update	783	24	2500	9696	900000	4969205	
*28 Hazardous Waste Regulations	783	24	2500	9696	900000	4969207	
*29 Radiologic Tech. Regulations	783	24	2500	9696	900000	4969208	
*30 Superfund CERLIS List	783	24	2500	9696	900000	4969211	
31 Solid Waste Permit Fees	783	24	2500	9696	900000	4969213	
32 Smoking School	783	24	2500	9696	900000	4969214	
*33 SWQB - NPS Publications	783	24	2500	9696	900000	4969222	
*34 Radiation Licensing Regulation	783	24	2500	9696	900000	4969228	
*35 Sale of Equipment	783	24	2500	9696	900000	4969301	
*36 Sale of Automobile	783	24	2500	9696	900000	4969302	
*37 Lost Recoveries	783	24	2500	9696	900000	4969814	
*38 Lost Repayments	783	24	2500	9696	900000	4969815	
39 Surface Water Publication	783	24	2500	9696	900000	4969801	
40 Exxon Reese Drive Ruidoso - CAF	783	24	2500	9696	900000	4969242	
41 Emerg. Hazardous Waste Penalties NOV	957	32	9600	1696	900000	4164032	
42 Radiologic Tech. Certification	987	05	0500	1696	900000	4169005	
44 Ust Permit Fees	989	20	3100	1696	900000	4169020	
45 UST Tank Installers Fees	989	20	3100	1696	900000	4169021	
46 Food Permit Fees	991	26	2600	1696	900000	4169026	
43 Other							

\* Gross Receipt Tax Required

Site Name & Project Code Required

TOTAL 100.00

Contact Person: Ed Martin Phone: 476-3492 Date: 3/28/01

Received in ASD By: \_\_\_\_\_ Date: \_\_\_\_\_ RT #: \_\_\_\_\_ ST #: \_\_\_\_\_



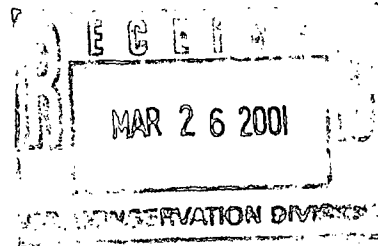
**Enron Transportation  
& Storage**

*Services Provided by Northern  
Natural Gas Company and  
Transwestern Pipeline Company*

6381 N. Main St.  
Roswell, NM 88201  
(505) 625-8022 Phone  
(505)-627-8172 Fax

March 22, 2001

Mr. Ed Martin  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505



Re: Renewal of Groundwater Discharge Plan GW-080, Thoreau Compressor Station

Dear Mr. Martin:

Transwestern Pipeline Company, owner and operator of the Thoreau Compressor Station, requests renewal by the Oil Conservation Division (OCD) of discharge plan GW-080. A completed renewal application accompanies this letter request in addition to a check (no. 1000000010) in the amount of \$100.00 to cover the applicable discharge filing fee.

Be advised that there have been no new modifications to the plan.

REMITTANCE STATEMENT

PAGE 1

VENDOR NUMBER: 5000068281

VOUCHER NUMBER	INVOICE DATE	INVOICE NO.	PURCHASE ORDER	amtly AMOUNT		
				GROSS	DISCOUNT	NET
	03/15/2001	GW-080		100.00	0.00	100.00
					TOTAL	100.00

Invoice Description:



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**GARY E. JOHNSON**

Governor

**Jennifer A. Salisbury**

Cabinet Secretary

**Lori Wrotenbery**

Director

**Oil Conservation Division**

March 2, 2001

Mr. Larry Campbell  
Transwestern Pipeline Co.  
6381 North Main  
Roswell, New Mexico 88201

Dear Larry,

The discharge plans on the following facilities will expire as shown:

GW-084 San Juan Compressor Station	9/26/01
GW-080 Thoreau Compressor Station	11/14/01

Please see below rule quotation:

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

Effective January 15, 2001, fees for discharge plans and their renewals have increased. The filing fee is now \$100.00 instead of \$50.00. Please enclose a check for the \$100.00 filing fee with the above renewals. Attached is a renewal form for your use. If you would like, I can e-mail this form to you in MS Word.

If you have any questions, do not hesitate to contact me at 505-476-3492 or e-mail me: [emartin@state.nm.us](mailto:emartin@state.nm.us).

Ed Martin  
NMOCD Environmental Bureau

Attachments: 1





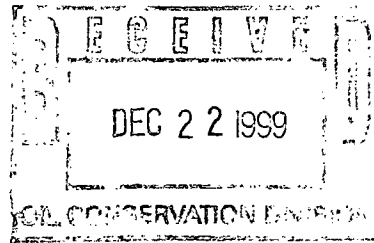
Cypress Engineering

10200 West Little York Road, Suite 256  
Houston, Texas 77040

(713) 856-7980 office  
(713) 856-7981 fax

December 17, 1999

Mr. William C. Olson  
Environmental Bureau  
New Mexico Oil Conservation Division  
2040 S. Pacheco St.  
Santa Fe, New Mexico 87505



RE: Report of Groundwater Remediation Activities  
Transwestern Pipeline Company  
Thoreau Compressor Station  
McKinley County, New Mexico

Dear Bill,

The attached report is submitted pursuant to the NMOCD's requirement for reporting of groundwater remediation activities at the subject facility. The reporting period is June 1, 1998, through November 30, 1999. This is the fifth report to be submitted since the initiation of remediation activities.

If you have any questions or comments regarding this report, please contact me at (713) 646-7327 or Ted Ryther at (713) 646-7318.

Sincerely,

George C. Robinson, PE  
President/Principal Engineer

xc w/attachment: Tom Morris  
Denny Foust  
Ted Ryther  
Larry Campbell

NNEPA  
NMOCD Aztec District Office  
ENRON Environmental Affairs  
Transwestern Pipeline Company



State of New Mexico  
ENERGY MINERALS and NATURAL RESOURCES DEPARTMENT  
Santa Fe, New Mexico 87505

STATE OF  
NEW MEXICO  
OIL  
CONSERVATION  
DIVISION

MEMORANDUM OF MEETING OR CONVERSATION

☒ Telephone ☐ Personal

Time 1400

Date 1/28/99

Originating Party

Other Parties

George Robinson - Cypress Engineering Bill Olson - Environmental Bureau

Subject

ENRON - Thoreau Compressor

Discussion

Wanted OK on sampling change in Aug 21, 1998  
remediation report.

OCD didn't see recommendation in report.

Conclusions or Agreements

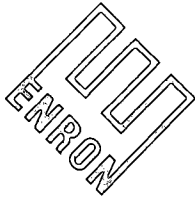
Gave verbal approval for sampling change from quarterly  
to semiannual sampling

Distribution

File  
OCD Artec Office

Signed

Bill Olson



**Transwestern Pipeline  
Company**

P. O. Box 1188  
Houston, TX 77251-1188

August 21, 1998

**RECEIVED**

SEP 02 1998

ENVIRONMENTAL BUREAU  
OIL CONSERVATION DIVISION

Mr. William C. Olson  
Environmental Bureau  
New Mexico Oil Conservation Division  
2040 S. Pacheco St.  
Santa Fe, New Mexico 87505

RE: Report of Ground Water Remediation Activities  
Transwestern Pipeline Company - Thoreau Compressor Station  
McKinley County, New Mexico

Dear Bill,

The attached report is submitted pursuant to the NMOCD's requirement for reporting of ground water remediation activities at the subject facility. The reporting period is April 1, 1997, through May 31, 1998. This is the fourth report to be submitted since the initiation of remediation activities.

If you have any questions or comments regarding this report, please contact me at (713) 646-7318 or George Robinson at (713) 646-7327.

Yours Very Truly,

Fenley "Ted" Ryther, Jr., PE  
Environmental Affairs

TR/gcr

xc w/attachment:	Tom Morris	NNEPA
	Denny Foust	NMOCD Aztec District Office
	Larry Campbell	TW Technical Operations
	George Robinson	Cypress Engineering Services



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

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

July 27, 1998

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. Z-357-869-994**

Mr. James R. Russell  
Enron Transportation and Storage  
Summit Office Building  
4001 Indian School Road, NE, Suite 250  
Albuquerque, New Mexico 87110

**RE: Non Friable Transite**  
**Thoreau Compressor Station, GW-80**  
**McKinley County, New Mexico**

Dear Mr. Russell:

The New Mexico Oil Conservation Division (OCD) has received the Enron Transportation & Storage (Enron) letter dated July 10, 1998 requesting that Enron be allowed to dispose of approximately 666 square yards of non friable asbestos transite at the Keers Land Farm located in Mountainair, New Mexico. Based on the information provided, and the certification by Enron that this waste is non-hazardous and acceptable by Keers Land Farm, **the request is approved.**

Note, that OCD approval does not relieve Enron of liability should disposal of this material result in contamination of surface water, ground water or the environment. Also, OCD approval does not relieve Enron from compliance or reporting requirements that may apply from other federal, state, and local rules/regulations.

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

Sincerely,

W. Jack Ford, C.P.G.  
Geologist  
Environmental Bureau-OCD

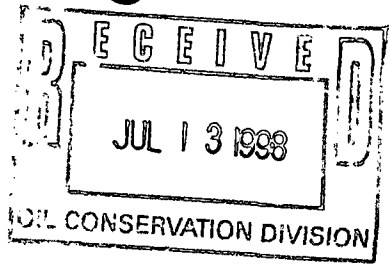
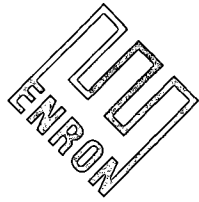
xc: Mr. Denny Foust - Aztec OCD District

Z 357 869 994

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

Sent to <i>James Russell</i>	
Street & Number <i>Enron</i>	
Post Office, State, & ZIP Code <i>Alb 8</i>	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date <i>GW-080</i>	

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*

July 10, 1998

Mr. Roger Anderson  
Oil Conservation Division  
2040 South Pacheco  
Santa Fe, New Mexico 87504 - 2088

Re: Disposal of Non Friable Transite at Thoreau Compressor Station # 5, GW- 80 Thoreau New Mexico.

Dear Mr. Anderson

Transwestern Pipeline Company, owner and operator of the Thoreau Compressor Station # 5 request approval from your agency to dispose of waste generated from oil and gas activities at the above facility. This request address disposal of approximate 666sq. yards of non friable asbestos transite siding at Keers Land Farm located in Mountainair, New Mexico. This work will be performed by I.C.U. Rocky Mountain Inc. Farmington, New Mexico. Approval of this request will allow Transwestern to expedite completion of this project and will not create any adverse impact to the facility environment.

Sincerely,

James R. Russell

xc: Rich Jolly  
Charlie Allen  
Gallup Team  
file



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

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

June 1, 1998

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. Z-357-869-969**

Mr. James R. Russell  
Enron Transportation & Storage  
Transwestern Pipeline Company  
4001 Indian School Road, Suite 250  
Albuquerque, New Mexico 87110

**RE: Site Modifications Notification  
GW-080, Thoreau Compressor Station  
McKinley County, New Mexico**

Dear Mr. Russell:

The OCD has received the site modification letter, dated May 28, 1998, from Enron Transportation & Storage (Transwestern Pipeline Company) for the Thoreau Compressor Station GW-080 located in the SE/4 of Section 20, Township 14 North, Range 13 West, NMPM, McKinley County, New Mexico. **Based upon information furnished with the request, disposal of drained lube oil filters collected at the above captioned site into the Rio Rancho Landfill is approved. This modification to the approved discharge plan (GW-080) is determined to be minor and will not require a public hearing or create an adverse impact to the facility's environment.**

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

Sincerely,

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

cc: Mr. Denny Foust - Aztec District Office

US Postal Service

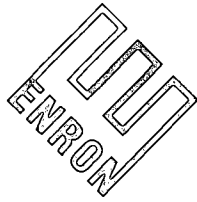
Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to	James Russell
Street & Number	Transwestern - Enron
Post Office, State, & ZIP Code	Albq.
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	GW-080

PS Form 3800, April 1995

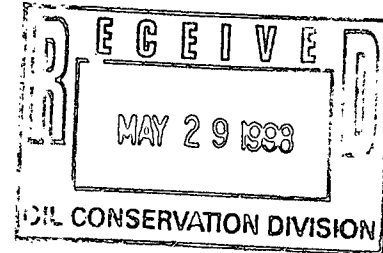


May 28, 1998

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

**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



Re: Disposal of Used Oil Filters at Transwestern's Thoreau Compressor Station GW-80

Dear Mr. Anderson

Transwestern Pipeline Company, owner and operator of the Thoreau Compressor Station located in McKinley County, New Mexico. We request approval from your agency to dispose of waste generated from this location. This request address the disposal of approximately 100 used lube oil filters from this location. The waste will be disposed of at the Rio Rancho Landfill located at 3 miles west of Hwy 528 on Northern & 33<sup>rd</sup> Albuquerque, New Mexico. Approval of this request will allow Transwestern Pipeline Company to complete this project and will not create any adverse impact to the facilities environment. A copy of the Lab. Analytical is attached.

Sincerely:

James R. Russell  
Environmental Specialist

xc: Rich Jolly  
Gallup Team  
File

DATE: 05/26/98  
PAGE: 1

Transwestern Pipeline Co.  
4381 N. Main Street  
Roswell, NM 88202

Pace Project Number: 852669  
Client Project ID: Transwestern Pipeline Co.

Attn: Mr. Larry Campbell  
Phone: 800-638-8082

Solid results are reported on a wet weight basis

Pace Sample No: 85280718 Date Collected: 05/19/98 Matrix: Soil  
Client Sample ID: F026 402 CRANKCASE OIL FILTER Date Received: 05/14/98

Parameters	Results	Units	PRL	App. DF	Analyzed	Analyte	Q&A#	Footnotes
------------	---------	-------	-----	---------	----------	---------	------	-----------

#### Metals

##### TCLP on Solid, ICP Metals

Method: EPA 6010

Prep Method: EPA 3010

Arsenic	ND	mg/L	0.1	1.00	05/19/98	6JUI	7440-38-2	
Barium	0.427	mg/L	0.1	1.00	05/19/98	6JUI	7440-39-3	
Cadmium	ND	mg/L	0.05	1.00	05/19/98	6JUI	7440-43-0	
Chromium	ND	mg/L	0.01	1.00	05/19/98	6JUI	7440-47-3	
Lead	ND	mg/L	0.05	1.00	05/19/98	6JUI	7439-92-1	
Selenium	ND	mg/L	0.1	1.00	05/19/98	6JUI	7782-49-2	
Silver	ND	mg/L	0.01	1.00	05/19/98	6JUI	7440-22-4	
Date Digested					05/18/98			

##### Mercury, TCLP Leachate, Solid

Method: EPA 7670

Prep Method: EPA 7470

Mercury	ND	ug/L	0.2	1.00	05/20/98	shou	7439-97-6	
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#### OS -- Semi-VOC

##### PCB's in Solid

Method: EPA 8080

Prep Method: EPA 3390

PCB-1016 (Aroclor 1016)	ND	mg/kg	200	200	05/21/98	dben	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	200	200	05/21/98	dben	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	200	200	05/21/98	dben	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	200	200	05/21/98	dben	33469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	200	200	05/21/98	dben	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	200	200	05/21/98	dben	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	200	200	05/21/98	dben	11096-82-5	
Decachlorobiphenyl (8)	62	%		1.00	05/21/98	dben	2351-24-3	
Tetrachloro-MeEt-xylene (8)	178	%		1.00	05/21/98	dben	677-09-8	
Date Extracted					05/19/98			



DATE: 05/26/98  
PAGE: 2

Pass Project Number: 858669  
Client Project ID: Transwestern Pipeline Co.

Pass Sample No: 85289726 Date Collected: 05/13/98 Matrix: Soil  
Client Sample ID: F027, 401 CRANKCASE OIL FILTER Date Received: 05/14/98

Parameters	Results	Units	PRL	App. DF	Analyzed	Analyst	CAS#	Footnotes
------------	---------	-------	-----	---------	----------	---------	------	-----------

**Metals**

**TCLP on Solid, ICP Metals**

Method: EPA 6010

Prep Method: EPA 3010

Arsenic	ND	mg/L	0.2	2.00	05/19/98	cjui	7440-38-2	
Barium	1.36	mg/L	0.2	2.00	05/19/98	cjui	7440-39-3	
Cadmium	ND	mg/L	0.1	2.00	05/19/98	cjui	7440-43-9	
Chromium	0.0872	mg/L	0.02	2.00	05/19/98	cjui	7440-47-3	
Lead	ND	mg/L	0.1	2.00	05/19/98	cjui	7439-92-1	
Selenium	ND	mg/L	0.2	2.00	05/19/98	cjui	7782-49-2	
Silver	ND	mg/L	0.02	2.00	05/19/98	cjui	7440-22-4	
Date Digested					05/18/98			

**Mercury, TCLP Leachate, Solid**

Method: EPA 7470

Prep Method: EPA 7470

Mercury	ND	ug/L	0.2	1.00	05/20/98	ahem	7439-97-6	
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**PC -- Semi-VDA**

**PCB's in Solid**

Method: EPA 8080

Prep Method: EPA 2550

PCB-1016 (Arochlor 1016)	ND	mg/kg	1	1.00	05/21/98	cben	12674-11-2	
PCB-1221 (Arochlor 1221)	ND	mg/kg	1	1.00	05/21/98	cben	11104-28-2	
PCB-1232 (Arochlor 1232)	ND	mg/kg	1	1.00	05/21/98	cben	11141-16-5	
PCB-1242 (Arochlor 1242)	ND	mg/kg	1	1.00	05/21/98	cben	53469-21-9	
PCB-1248 (Arochlor 1248)	ND	mg/kg	1	1.00	05/21/98	cben	12672-29-6	
PCB-1254 (Arochlor 1254)	ND	mg/kg	1	1.00	05/21/98	cben	11097-69-1	
PCB-1260 (Arochlor 1260)	ND	mg/kg	1	1.00	05/21/98	cben	11096-82-5	
Decachlorobiphenyl (8)	40	%		1.00	05/21/98	cben	2031-24-3	2
Tetrachloro-meta-xylene (8)	61	%		1.00	05/21/98	cben	877-09-8	
Date Extracted					05/15/98			

SENT BY: TRANSWESTERN GALLUP  
05/26/98 TUE 10:37 FAX 713 4844

05/27/98 0:15  
PAGE ANALYTICAL

117 P04  
GALLUP TEAM

MAY 27 '98 09:58  
# 4  
0004

DATE: 05/26/98

PAGE: 3

Proc Project Numbers: 853640

Client Project ID: Transwestern Pipeline Co.

---

PARAMETER FACTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Peak Reporting Limit
(S)	Surrogate
App. DF	Applied Dilution Factor
(1)	The sample was diluted to reduce matrix interference, resulting in elevated reporting limits.
(2)	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of remaining surrogate.



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

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

May 19, 1998

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. Z-235-437-271**

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

**RE: DISCHARGE PLAN (GW-80 )  
MODIFICATION FOR GROUND WATER REMEDIATION  
THOREAU COMPRESSOR STATION**

Dear Mr. Campbell:

The New Mexico Oil Conservation Division has reviewed Transwestern Pipeline Company's (TPC) May 5, 1998 "DISCHARGE PLAN AMENDMENT, TRANSWESTERN PIPELINE COMPANY STATION NO. 5 (THOREAU COMPRESSOR STATION), MCKINLEY COUNTY, NEW MEXICO" which was submitted on behalf of TPC by their consultant Cypress Engineering. This document contains TPC's proposed modification of the compressor station discharge plan to include pumping and treating contaminated ground water to New Mexico Water Quality Control Commission (WQCC) standards, then using the water for irrigation at the station.

The above referenced requested modification of the previously approved ground water discharge plan, GW-80, for the TPC Thoreau Compressor Station located in the SE/4, Section 20, Township 14 North, Range 13 West (NMPM), McKinley County, New Mexico is approved with the following conditions:

1. The ground water treatment and irrigation system will be inspected on a weekly basis.
2. Water will be applied during irrigation in such a manner that water does not pond on the surface.
3. TPC will notify the OCD at least 48 hours in advance of system start up so that the OCD has the opportunity to witness the event and split samples.

Mr. Larry Campbell  
May 19, 1998  
Page 2

The discharge plan (GW-80) was renewed on June 11, 1996. The modification does not significantly alter the discharge streams, therefore, public notice was not issued.

The application for modification was submitted pursuant to Water Quality Control Commission (WQCC) Regulation 3107.C and is approved pursuant to WQCC Regulation 3109.

Please note that Section 3104 of the WQCC regulations requires that "When a plan has been approved, discharges must be consistent with the terms and conditions of the plan". Pursuant to Section 3107.C, you are required to notify the Director of any facility expansion, production increase or process modification that would result in a significant modification in the discharge of potential ground water contaminants.


Please be advised that OCD approval does not relieve you of liability should your operation result in actual pollution of surface waters, ground waters or the environment which may be actionable under other laws and/or regulations. In addition, this approval does not relieve you of responsibility for compliance with other federal, state, tribal or local laws and regulations.

If you have any questions, please contact William Olson of my staff at (505)827-7154.

Sincerely,

  
Lori Wrotenberg  
Director

xc: Denny Foust, OCD Aztec Office  
Julie Curtis, Navajo EPA Superfund Program  
George Robinson, Cypress Engineering

Z 235 437 271	
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



Cypress Engineering

10235 West Little York Road, Suite 256  
Houston, Texas 77040

(713) 856-7980 office  
(713) 856-7981 fax

May 5, 1998

Mr. William C. Olson  
Environmental Bureau  
New Mexico Oil Conservation Division  
2040 S. Pacheco St.  
Santa Fe, New Mexico 87505

**RECEIVED**

**MAY 07 1998**

Environmental Bureau  
Oil Conservation Division

**RE: Discharge Plan Amendment  
Transwestern Pipeline Company  
Station No. 5 (Thoreau Compressor Station)  
McKinley County, New Mexico**

Dear Bill,

Cypress Engineering, on behalf of Transwestern Pipeline Company (Transwestern), requests an amendment to the subject facility's current Discharge Plan on file with your office. The purpose for the amendment is for the authority to discharge treated water which will be recovered from a ground water recovery system to be installed at the site. The anticipated start-up date for the ground water recovery system is May 27, 1998. In light of the anticipated start-up date, Transwestern requests a Temporary Discharge Authorization for this activity pending final review and authorization from your office.

A completed Discharge Plan Application form and supporting information is attached with this letter. If you have any questions or comments regarding this amendment, please contact me at (713) 646-7327.

Sincerely,

George C. Robinson, P.E.  
President

xc w/attachments:

Fenley "Ted" Ryther, Jr., PE  
Larry Campbell  
Denny Foust  
Tom Morris

ENRON Gas Pipeline Group  
TW Technical Operations  
NMOCD Aztec District Office  
NNEPA

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

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

Revised 12/1/95

Submit Original  
Plus 1 Copies  
to Santa Fe  
1 Copy to appropriate  
District Office

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

☐ New

☐ Renewal

☒ Modification / Amendment

1. Type: Compressor Station (Ground Water Recovery System)
2. Operator: Transwestern Pipeline Company  
Address: 1.5 Miles North of Thoreau, N.M.  
Contact Person: Larry Campbell Phone: (505) 625-8022
3. Location: SW /4 SE /4 Section 20 Township 14N Range 13W  
Submit large scale topographic map showing exact location.
4. Attach the name, telephone number and address of the landowner of the facility site.
5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.
6. Attach a description of all materials stored or used at the facility.
7. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included.
8. Attach a description of current liquid and solid waste collection/treatment/disposal procedures.
9. Attach a description of proposed modifications to existing collection/treatment/disposal systems.
10. Attach a routine inspection and maintenance plan to ensure permit compliance.
11. Attach a contingency plan for reporting and clean-up of spills or releases.
12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included.
13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.
14. CERTIFICATION

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

NAME: Lawrence Campbell Title: Division Environmental Specialist

Signature: Michael J. Tenson Date: 5-6-98  
for L. Campbell

- Note: The information provided here pertains only to the ground water remediation system and not to the whole compressor station facility.

Item #

3. A topographic map is attached.

4. Landowner: Transwestern Pipeline Company  
(713) 853-6197  
P.O. Box 1188  
Houston, TX 77251-1188

Contact: Transwestern Pipeline Company  
Attn: Larry Campbell  
Division Environmental Specialist  
(505) 625-8022  
6381 North Main Street  
Roswell, NM 88201

5. This Discharge Plan Amendment is submitted to amend the current facility discharge plan for discharges from the ground water recovery system to be installed at Transwestern Pipeline Company's Station #5. This facility functions as a natural gas compressor station along Transwestern's interstate natural gas pipeline. The facility is located near Thoreau, New Mexico, as indicated on the attached topographic map. A facility diagram is shown in Figure 1. All water treatment and discharge areas associated with this amendment are located at the Southeast corner of the facility. These areas are indicated as "Irrigation Area" and "Water Treatment Area" in Figure 1.

The objective of the ground water recovery and treatment system is to accelerate the remediation of a shallow perched ground water zone. Ground water will be recovered from wells screened within the perched zone using submersible pneumatic pumps. The initial recovery system will include the four wells indicated on Figure 2 as 5-05B, 5-36E, SVE-3, and AS-13. Additional wells may be added to the recovery system if necessary to accomplish the remediation objectives.

Recovered ground water will be pumped from the recovery wells into a coalescing type oil/water separator. Oil-free water will flow by gravity feed into an 1100 gallon AST. On a daily basis, accumulated water will be pumped from the AST, through a water treatment system, and then irrigated on-site in a manner that will facilitate evaporation of the treated water. To further facilitate evaporation, a timer will be installed on the pump controller which will turn the pump on daily at mid-day. The discharge rate has been designed such that the entire contents of the AST can be discharged within 3-4 hours.

The treatment system will consist of a sock filter to remove solid particles and two granulated activated carbon (GAC) filters arranged in series to remove dissolved organic compounds. The treated water will be discharged through an irrigation system constructed

of plastic pipe and several (10-20) mist type emitters spaced out along its length. A process diagram of the treatment system is shown in Figure 3.

6. There are no "materials", as specified in *Guidelines for the Preparation of Discharge Plans*, stored or used at this facility (referring only to the remediation system).
7. Effluent from the oil/water separator (referring only to the remediation system separator), includes recovered liquids, primarily water and a small volume of natural gas condensate. The anticipated recovery rate at startup is less than 720 gallons per day of water and less than 1 gallon per day of condensate (that is, less than 21,600 gallons per month of water and less than 30 gallons per month of condensate). It is anticipated that this recovery rate will drop by more than 50% within the first 30 days of operation.

The general water quality of recovered water is indicated by the laboratory analysis attached with this application. This information was produced in the course of the initial ground water assessment activities at the site. The average concentration of Total Dissolved Solids (TDS) measured in water samples collected from four monitor wells located in the affected area was 795 mg/L. The quality of unaffected water contained in the perched zone is best represented by the laboratory results for monitor well 5-3B. This well is located upgradient of the affected area. The concentration of TDS measured in a water sample collected from this monitor well was 716 mg/L.

The presence of benzene, toluene, ethylbenzene, and xylene (BTEX) compounds in recovered ground water is anticipated. The anticipated concentration of these constituents in recovered water is provided by laboratory results for the most recent sample collected from monitor well 5-48B. The concentration of BTEX compounds measured in a water sample collected from this monitor well on February 12, 1998, was as follows: B = 2100 ug/L, T = 8000 ug/L, E = 460 ug/L, X = 4600 ug/L.

The oil/water separator also includes a sediment collection section, however, due to the low recovery rates, the accumulation of sediment in this section is not anticipated. Any sediment that does accumulate will be manually drained into a 55 gallon drum. Hydrocarbon liquid which accumulates in the oil/water separator will be manually drained into the same 55 gallon drum along with accumulated sediment.

8. Recovered water discharged from the AST will flow through the treatment system as described under Item #5 above and will be irrigated on-site in the area identified in Figure 1. The irrigation system has been designed to facilitate evaporation of discharged water. Design features to facilitate evaporation include the following:
  - a. use of mist type emitters
  - b. emitters spaced at intervals greater than 30 feet apart
  - c. emitters elevated six feet or more above ground surface
  - d. irrigation limited to mid-day operation

Hydrocarbon liquid and sediment will be collected in a 55 gallon drum which will be located adjacent to the oil/water separator. Once a drum is filled to capacity, a proposal for



final disposition of the drum and its contents will be submitted to the OCD for review and approval.

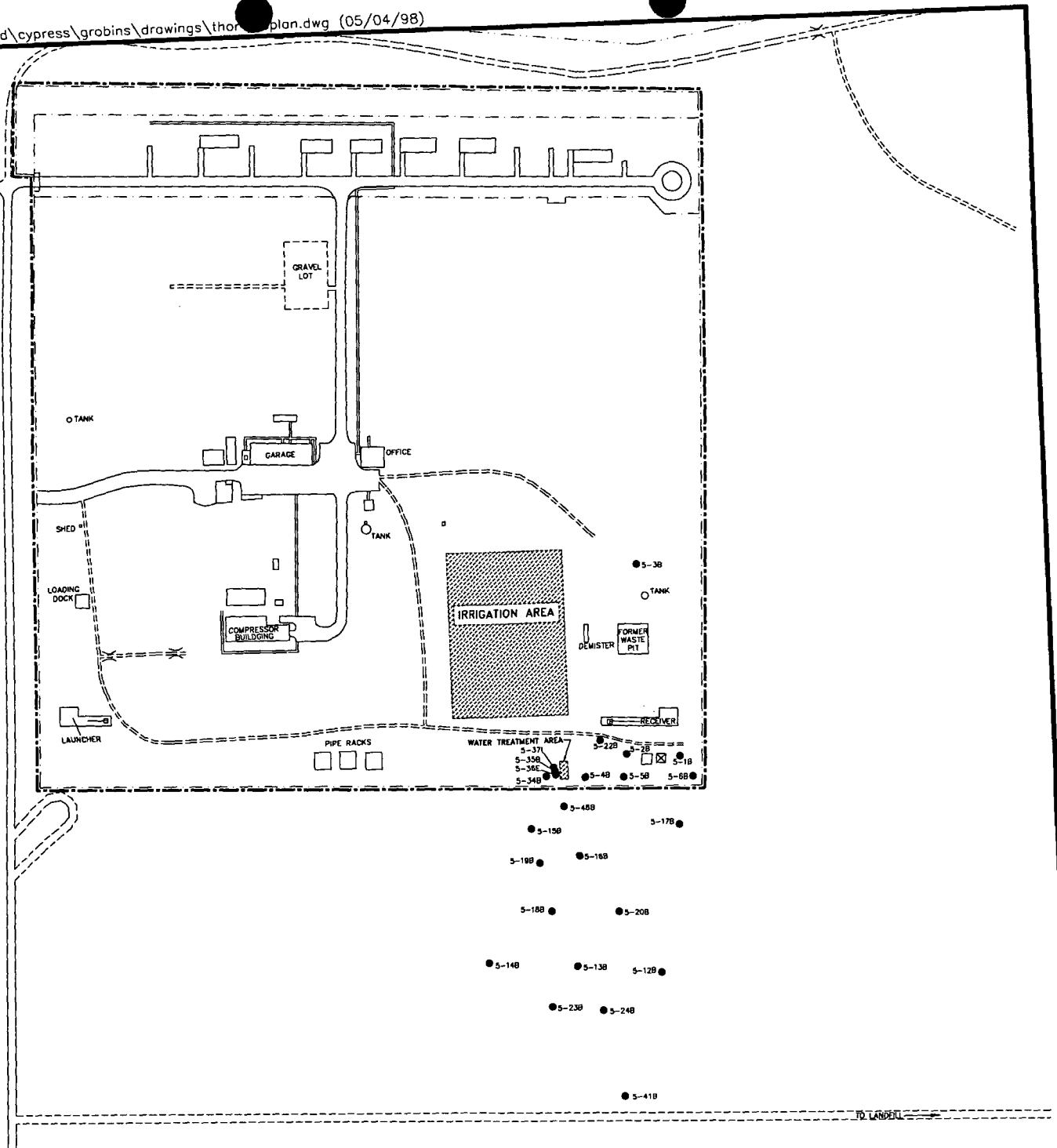
9. Not applicable.
10. A routine site inspection of the recovery, treatment, and irrigation system will be completed, at a minimum, on a monthly basis [Note: inspections will be completed on a weekly basis during the first month of operation]. The following items will be inspected:
  - a. The recovery well discharge lines, oil/water separator, AST, irrigation system, and all associated piping will be inspected for leaks. If any leaks are discovered during an inspection, the recovery system will be shut down until the leaks are repaired.
  - b. Sediment and hydrocarbon liquid accumulated in the oil/water separator will be drained into a 55 gallon drum for storage.
  - c. A water sample will be collected from the sample port located between the primary and secondary GAC filters and delivered to a laboratory for analysis for BTEX compounds and PCB compounds [Note: although the presence of PCB compounds is not anticipated, Transwestern is obligated by its Alternate Disposal Permit for the pipeline system to test for these constituents]. If the concentration of a BTEX or PCB compound is reported above the NMWQCC standard for that compound, the recovery system will be shut down until a replacement GAC filter can be installed.

Routine ground water sampling is currently completed on a quarterly basis for all monitor wells. A report of sampling and remediation activities is submitted to the OCD on a semiannual basis. Routine reporting for the recovery, treatment, and irrigation system will be incorporated into the existing remediation system reporting plan.

11. Due to the small volume of ground water and hydrocarbon liquids that will be recovered, significant leaks or spills are not anticipated. The most likely source of a leak from the system will be at piping connections. All piping and connections will be located above ground surface and readily accessible for visual inspection.
12. Site hydrologic/geologic information is presented in the attached *Ground Water Remediation Plan*.

In addition, Transwestern has obtained more recent information, not included in the remediation plan, in the course of routine sampling and remediation activities. This information indicates that the shallow perched ground water present beneath the site is not natural in origin. This water is present as a result of past water use at the facility, primarily for domestic purposes associated with company housing. In addition, there was a documented leak in the facility's water system which was repaired in the 1992 timeframe. The location of the leak was directly upgradient of the remediation area being monitored. Supporting evidence that the water is not naturally occurring is provided primarily by the history of depth to water measurements taken at the site monitor wells since 1989. This history indicates that since 1993, the shallow water table elevation has steadily declined in all monitor wells at a rate of about one foot per year. The decline over the past five years represents a loss of about 55% of the saturated interval which was present in 1993.

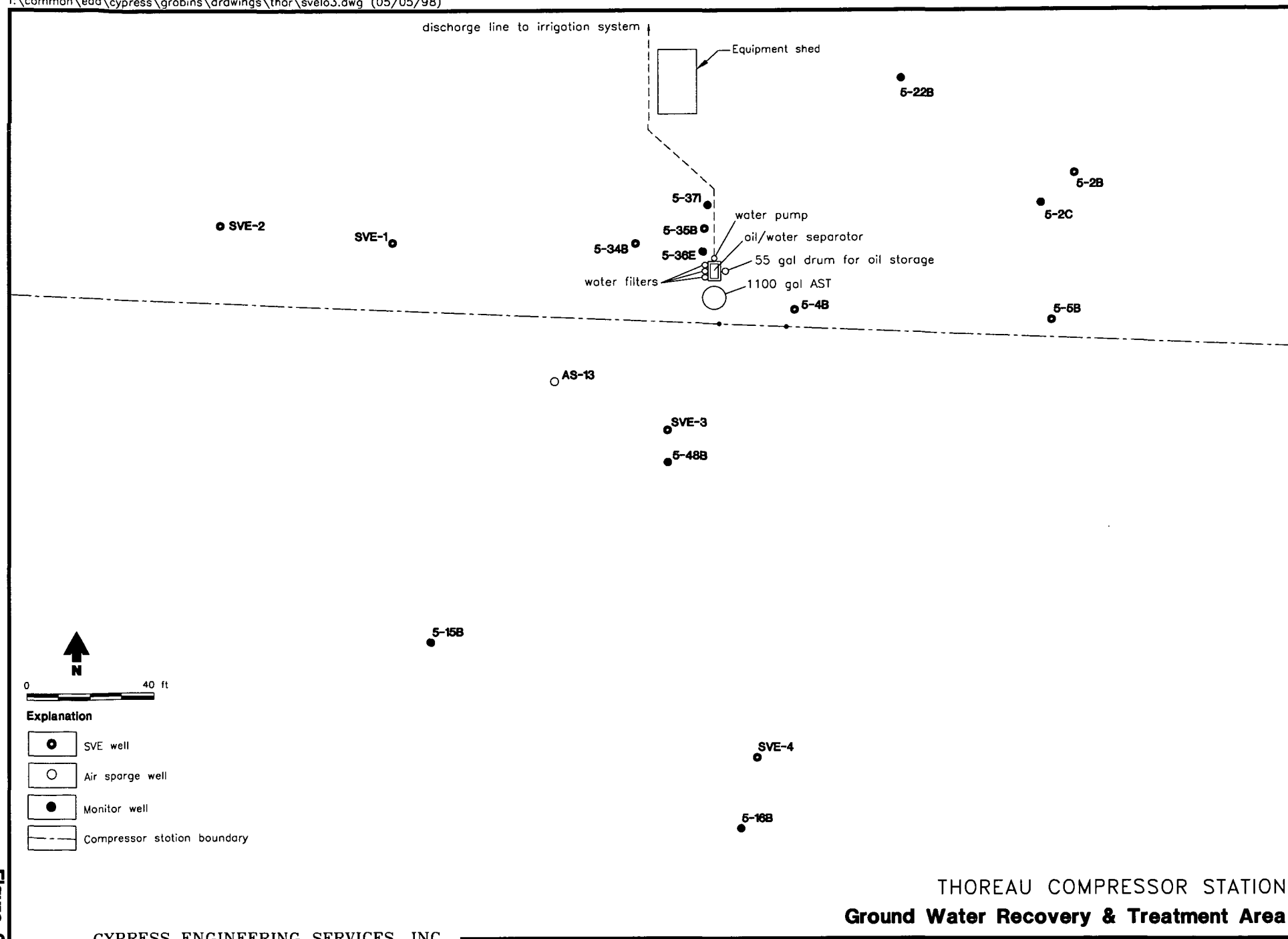
13. Ground water remediation activities are ongoing pursuant to the attached *Ground Water Remediation Plan*. This plan was approved by the OCD in a letter dated May 8, 1995, attached. Minor modifications to the remediation plan were proposed by Transwestern and approved by the OCD in July, 1997. The next semiannual report for remediation activities is scheduled to be submitted to the OCD within the next 60 days. This report will include a discussion for installation of the ground water recovery, treatment, and irrigation system presented in this Discharge Plan Amendment.

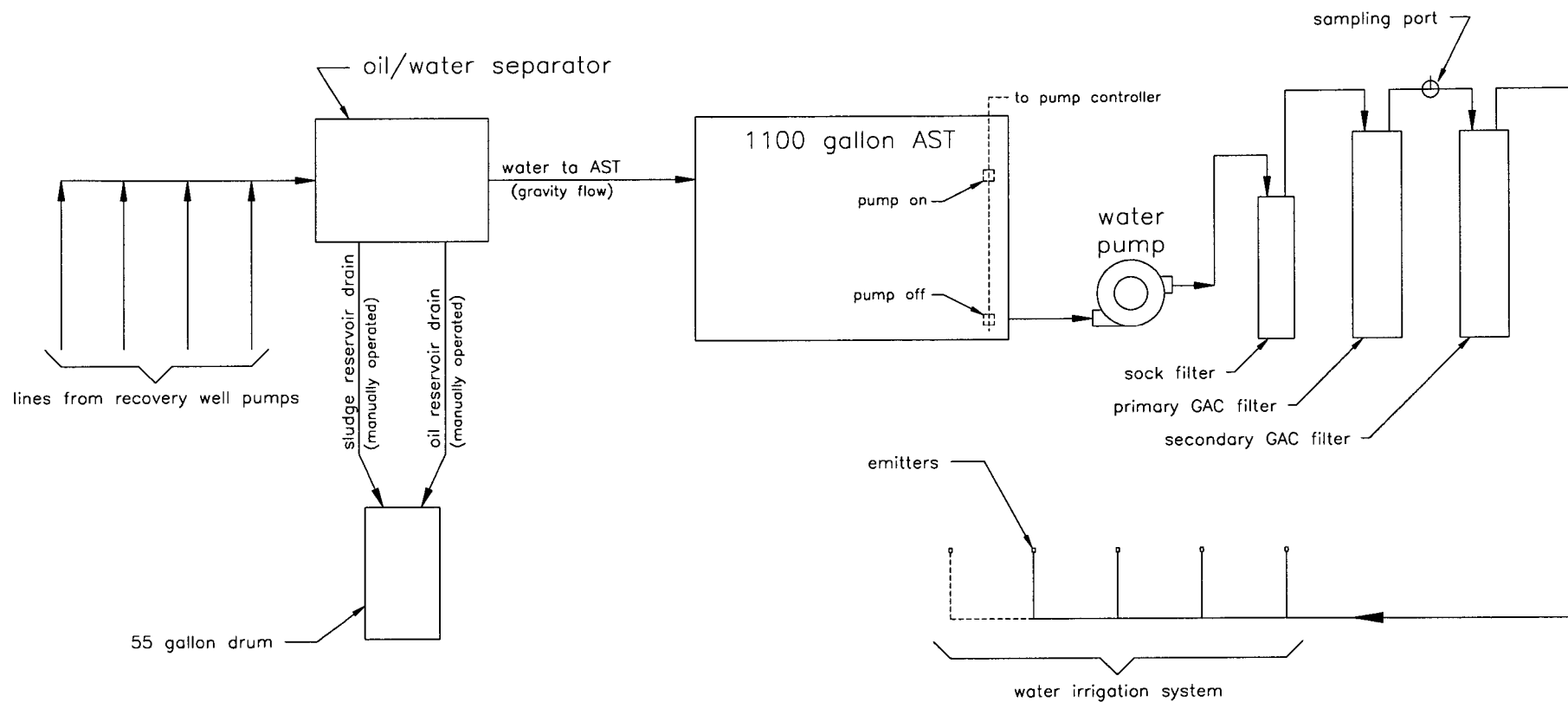


Explanation

- Monitor Well
- Chainlink Fence
- - - Compressor Station Boundary
- Gravel Road

# Thoreau Compressor Station Discharge Plan Amendment for Irrigation of Treated Ground Water





THOREAU COMPRESSOR STATION  
**WATER TREATMENT PROCESS DIAGRAM**

Table H.4

Summary of Inorganic Water Chemical Analyses Conducted  
on Samples from Monitor Well 5-2B

Date: Feb. 12, 1991

Laboratory: ENSECO, Houston

Lab ID: 000866

Parameter	Results	Reporting Limits
Specific Conductance @25C	1330 umhos/cm	1.0 umhos/cm
Alkalinity, Total as CaCO <sub>3</sub>	603 mg/l	5.0 mg/l
Alkalinity, Bicarb. as CaCO <sub>3</sub>	603 mg/l	5.0 mg/l
Alkalinity, Carb. as CaCO <sub>3</sub>	ND	5.0 mg/l
Alkalinity, Hydrox. as CaCO <sub>3</sub>	ND	5.0 mg/l
Total Dissolved Solids	919 mg/l	10 mg/l
Sulfate	80 mg/l	25 mg/l
Fluoride	0.21 mg/l	0.1 mg/l
pH	7 units	
Ammonia as N	ND	0.1 mg/l
Nitrate as N	1.6 mg/l	0.1 mg/l
Chloride	97.3 mg/l	3.0 mg/l
Silica as SiO <sub>2</sub>	20.1 mg/l	0.2 mg/l
Calcium	148 mg/l	0.2 mg/l
Iron	3.5 mg/l	0.1 mg/l
Magnesium	27 mg/l	0.2 mg/l
Manganese	1.8 mg/l	0.01 mg/l
Potassium	ND	5.0 mg/l
Sodium	152 mg/l	5.0 mg/l
Hardness as CaCO <sub>3</sub>	480 mg/l	0.7 mg/l
Nitrite as N	0.098 mg/l	0.01 mg/l

ND = Not Detected

Table H.5

Summary of Inorganice Water Chemical Analyses Conducted  
on Samples from Monitor Well 5-3B

Date: Feb. 13, 1991

Laboratory: ENSECO, Houston

Lab ID: 000867

Parameter	Results	Reporting Limits
Specific Conductance @25C	982 umhos/cm	1.0 umhos/cm
Alkalinity, Total as CaCO <sub>3</sub>	395 mg/l	5.0 mg/l
Alkalinity, Bicarb. as CaCO <sub>3</sub>	395 mg/l	5.0 mg/l
Alkalinity, Carb. as CaCO <sub>3</sub>	ND	5.0 mg/l
Alkalinity, Hydrox. as CaCO <sub>3</sub>	ND	5.0 mg/l
Total Dissolved Solids	716 mg/l	10 mg/l
Sulfate	65 mg/l	25 mg/l
Fluoride	0.42 mg/l	0.1 mg/l
pH	7.7 units	
Ammonia as N	ND	0.1 mg/l
Nitrate as N	3.1 mg/l	0.1 mg/l
Chloride	74.4 mg/l	3.0 mg/l
Silica as SiO <sub>2</sub>	20.4 mg/l	0.2 mg/l
Calcium	35.2 mg/l	0.2 mg/l
Iron	ND	0.1 mg/l
Magnesium	8.6 mg/l	0.2 mg/l
Manganese	ND	0.01 mg/l
Potassium	ND	5.0 mg/l
Sodium	221 mg/l	5.0 mg/l
Hardness as CaCO <sub>3</sub>	120 mg/l	0.7 mg/l
Nitrite as N	ND	0.01 mg/l

ND = Not Detected

Table H.6

Summary of Inorganic Water Chemical Analyses Conducted  
on Samples from Monitor Well 5-6B

Date: Feb. 13, 1991

Laboratory: ENSECO, Houston

Lab ID: 000867

Parameter	Results	Reporting Limits
Specific Conductance @25C	1050 umhos/cm	1.0 umhos/cm
Alkalinity, Total as CaCO <sub>3</sub>	341 mg/l	5.0 mg/l
Alkalinity, Bicarb. as CaCO <sub>3</sub>	341 mg/l	5.0 mg/l
Alkalinity, Carb. as CaCO <sub>3</sub>	ND	5.0 mg/l
Alkalinity, Hydrox. as CaCO <sub>3</sub>	ND	5.0 mg/l
Total Dissolved Solids	752 mg/l	10 mg/l
Sulfate	88 mg/l	25 mg/l
Fluoride	0.3 mg/l	0.1 mg/l
pH	7.6 units	
Ammonia as N	ND	0.1 mg/l
Nitrate as N	2.8 mg/l	0.1 mg/l
Chloride	107 mg/l	3.0 mg/l
Silica as SiO <sub>2</sub>	20.1 mg/l	0.2 mg/l
Calcium	43.9 mg/l	0.2 mg/l
Iron	ND	0.1 mg/l
Magnesium	10.8 mg/l	0.2 mg/l
Manganese	0.019 mg/l	0.01 mg/l
Potassium	ND	5.0 mg/l
Sodium	217 mg/l	5.0 mg/l
Hardness as CaCO <sub>3</sub>	150 mg/l	0.7 mg/l
Nitrite as N	0.16 mg/l	0.01 mg/l

ND = Not Detected



Table H.7

Summary of Inorganic Water Chemical Analyses Conducted  
on Samples from Monitor Well 5-12B

Date: Feb 13th, 1991

Laboratory: ENSECO, Houston

Lab: 000865

Parameter	Results	Reporting Limits
Specific Conductance @25C	1150 umhos/cm	1.0 umhos/cm
Alkalinity, Total as CaCO <sub>3</sub>	323 mg/l	5.0 mg/l
Alkalinity, Bicarb. as CaCO <sub>3</sub>	323 mg/l	5.0 mg/l
Alkalinity, Carb. as CaCO <sub>3</sub>	ND	5.0 mg/l
Alkalinity, Hydrox. as CaCO <sub>3</sub>	ND	5.0 mg/l
Total Dissolved Solids	837 mg/l	10 mg/l
Sulfate	95 mg/l	25 mg/l
Fluoride	0.29 mg/l	0.1 mg/l
pH	7.6 units	
Ammonia as N	ND	0.1 mg/l
Nitrate as N	5.7 mg/l	0.1 mg/l
Chloride	168 mg/l	3.0 mg/l
Silica as SiO <sub>2</sub>	22.3 mg/l	0.2 mg/l
Calcium	48.6 mg/l	0.2 mg/l
Iron	0.16 mg/l	0.1 mg/l
Magnesium	14.4 mg/l	0.2 mg/l
Manganese	ND	0.01 mg/l
Potassium	ND	5.0 mg/l
Sodium	225 mg/l	5.0 mg/l
Hardness as CaCO <sub>3</sub>	180 mg/l	0.7 mg/l
Nitrite as N	0.018 mg/l	0.01 mg/l

ND = Not Detected

Table H.8

Summary of Inorganic Water Chemical Analyses Conducted  
on Samples from Monitor Well 5-18B

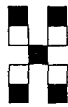
Date: Feb. 13, 1991

Laboratory: ENSECO, Houston

Lab ID: 000867

Parameter	Results	Reporting Limits
Specific Conductance @25C	944 umhos/cm	1.0 umhos/cm
Alkalinity, Total as CaCO <sub>3</sub>	328 mg/l	5.0 mg/l
Alkalinity, Bicarb. as CaCO <sub>3</sub>	328 mg/l	5.0 mg/l
Alkalinity, Carb. as CaCO <sub>3</sub>	ND	5.0 mg/l
Alkalinity, Hydrox. as CaCO <sub>3</sub>	ND	5.0 mg/l
Total Dissolved Solids	673 mg/l	10 mg/l
Sulfate	80 mg/l	25 mg/l
Fluoride	0.39 mg/l	0.1 mg/l
pH	7.6 units	
Ammonia as N	0.29 mg/l	0.1 mg/l
Nitrate as N	0.26 mg/l	0.1 mg/l
Chloride	105 mg/l	3.0 mg/l
Silica as SiO <sub>2</sub>	18.8 mg/l	0.2 mg/l
Calcium	39.5 mg/l	0.2 mg/l
Iron	0.16 mg/l	0.1mg/l
Magnesium	11.9 mg/l	0.2 mg/l
Manganese	0.1 mg/l	0.01 mg/l
Potassium	ND	5.0 mg/l
Sodium	190 mg/l	5.0 mg/l
Hardness as CaCO <sub>3</sub>	150 mg/l	0.7 mg/l
Nitrite as N	0.14 mg/l	0.01 mg/l

ND = Not Detected



**Hall Environmental  
Analysis Laboratory, Inc.**

Hall Environmental Analysis Laboratory  
4901 Hawkins, NE Suite A  
Albuquerque, NM 87109  
(505)345-3975

2/17/98

Daniel B. Stephens and Associates, Inc.  
6020 Academy NE, Suite 100  
Albuquerque, NM 87109

Dear Mr. Bob Marley,

Enclosed are the results for the analyses that were requested. These were done according to EPA procedures or the equivalent.

Detection limits are determined by EPA methodology. No determination of compounds below these levels (denoted by nd or the < sign) has been made.

Please don't hesitate to contact me for any additional information or clarifications.

Sincerely,

Scott Hallenbeck, Lab Manager

Project: 9802035/Enron-Thoreau

**Hall Environmental Analysis Laboratory, Inc.**

**Client :** D. B. Stephens and Associates, Inc. **Date Collected:** 2/10/98  
**Project:** Enron-Thoreau **Date Received:** 2/12/98  
**Sample Matrix:** Aqueous **Date Extracted:** NA

**Volatile Organic Compounds**  
Units: PPB (µg/l)

<b>EPA Method 8020</b>	Sample Name:	<b>5-03B</b>	<b>5-24B</b>	<b>5-14B</b>
	Lab Code:	9802035-1	9802035-2	9802035-3
	Date Analyzed:	2/13/98	2/13/98	2/13/98
<u>Compound</u>	<u>MRL</u>	<u>Result</u>	<u>Result</u>	<u>Result</u>
Benzene	0.5	nd	0.5	nd
Toluene	0.5	nd	nd	nd
Ethylbenzene	0.5	nd	0.7	nd
Total Xylenes	0.5	nd	nd	nd
BFB (Surrogate)		103	108	101
Recovery				
Dilution Factor		1	1	1

**Hall Environmental Analysis Laboratory, Inc.**

**Client :** D. B. Stephens and Associates, Inc. **Date Collected:** 2/10,11/98  
**Project:** Enron-Thoreau **Date Received:** 2/12/98  
**Sample Matrix:** Aqueous **Date Extracted:** NA

**Volatile Organic Compounds**  
**Units: PPB (µg/l)**

<b>EPA Method 8020</b> <b>Compound</b>	<b>Sample Name:</b>	<b>5-23B</b>	<b>5-17B</b>	<b>5-12B</b>
	<b>Lab Code:</b>	<b>9802035-4</b>	<b>9802035-5</b>	<b>9802035-6</b>
	<b>Date Analyzed:</b>	<b>2/13/98</b>	<b>2/13/98</b>	<b>2/13/98</b>
	<u><b>MRL</b></u>	<u><b>Result</b></u>	<u><b>Result</b></u>	<u><b>Result</b></u>
Benzene	0.5	nd	nd	nd
Toluene	0.5	nd	nd	nd
Ethylbenzene	0.5	nd	nd	nd
Total Xylenes	0.5	nd	nd	nd
BFB (Surrogate)		101	103	104
Recovery				
Dilution Factor		1	1	1

**Hall Environmental Analysis Laboratory, Inc.**

**Client :** D. B. Stephens and Associates, Inc. **Date Collected:** 2/11/98  
**Project:** Enron-Thoreau **Date Received:** 2/12/98  
**Sample Matrix:** Aqueous **Date Extracted:** NA

**Volatile Organic Compounds**

Units: PPB (µg/l)

<b>EPA Method 8020</b>	Sample Name:	<b>5-15B</b>	<b>5-13B</b>	<b>5-18B</b>
	Lab Code:	9802035-7	9802035-8	9802035-9
	Date Analyzed:	2/13/98	2/13/98	2/13/98
<u>Compound</u>	<u>MRL</u>	<u>Result</u>	<u>Result</u>	<u>Result</u>
Benzene	0.5	1.5	0.9	0.9
Toluene	0.5	nd	1.5	6.4
Ethylbenzene	0.5	1.0	nd	120
Total Xylenes	0.5	1.2	nd	1.1
BFB (Surrogate)		104	103	102
Recovery				
Dilution Factor		1	1	1

**Hall Environmental Analysis Laboratory, Inc.**

**Client :** D. B. Stephens and Associates, Inc. **Date Collected:** 2/11/98  
**Project:** Enron-Thoreau **Date Received:** 2/12/98  
**Sample Matrix:** Aqueous **Date Extracted:** NA

**Volatile Organic Compounds**  
**Units: PPB (µg/l)**

<b>EPA Method 8020</b> <b>Compound</b>	<b>Sample Name:</b>		<b>5-20B</b>		<b>5-02C</b>	<b>Filtered</b>
	<b>Lab Code:</b>		<b>9802035-10</b>		<b>9802035-11</b>	<b>Purge Water</b>
	<b>Date Analyzed:</b>		<b>2/13/98</b>		<b>2/16/98</b>	<b>9802035-12</b>
	<b>MRL</b>	<b>Result</b>	<b>Result</b>	<b>Result</b>		
Benzene	0.5	nd	110	nd		
Toluene	0.5	1.3	7.0	nd		
Ethylbenzene	0.5	2.3	33	nd		
Total Xylenes	0.5	0.5	8.3	nd		
BFB (Surrogate)		113	104	110		
Recovery		1	1	1		
Dilution Factor						

Hall Environmental Analysis Laboratory, Inc.

**Client :** D. B. Stephens and Associates, Inc. **Date Collected:** 2/11,12/98  
**Project:** Enron-Thoreau **Date Received:** 2/12/98  
**Sample Matrix:** Aqueous **Date Extracted:** NA

Volatile Organic Compounds  
Units: PPB (µg/l)

<b>EPA Method 8020</b> <u>Compound</u>	Sample Name:	<b>5-16B</b>	<b>5-48B</b>	<b>5-01C</b>
	Lab Code:	9802035-13	9802035-14	9802035-15
	Date Analyzed:	2/16/98	2/16/98	2/16/98
	<u>MRL</u>	<u>Result</u>	<u>Result</u>	<u>Result</u>
Benzene	0.5	41	2,100	nd
Toluene	0.5	360	8,000	nd
Ethylbenzene	0.5	90	460	nd
Total Xylenes	0.5	660	4,600	nd
BFB (Surrogate)		102	102	nd
Recovery				
Dilution Factor		20	40	103



**Hall Environmental Analysis Laboratory, Inc.**

**Client :** D. B. Stephens and Associates, Inc. **Date Collected:** 2/11,12/98  
**Project:** Enron-Thoreau **Date Received:** 2/12/98  
**Sample Matrix:** Aqueous **Date Extracted:** NA

**Volatile Organic Compounds**

Units: PPB (µg/l)

<b>EPA Method 8020</b> <u>Compound</u>	Sample Name:	<b>5-06C</b>	<b>5-98</b>	<b>Trip Blank</b>
	Lab Code:	9802035-16	9802035-17	9802035-19
	Date Analyzed:	2/16/98	2/16/98	2/16/98
	<u>MRL</u>	<u>Result</u>	<u>Result</u>	<u>Result</u>
Benzene	0.5	2.2	45	nd
Toluene	0.5	1.4	350	nd
Ethylbenzene	0.5	nd	91	nd
Total Xylenes	0.5	1.3	650	nd
BFB (Surrogate)		104	104	101
Recovery				
Dilution Factor		1	10	1

**Hall Environmental Analysis Laboratory, Inc.**

**Client :** D. B. Stephens and Associates, Inc. **Date Collected:** 2/11/98  
**Project:** Enron-Thoreau **Date Received:** 2/12/98  
**Sample Matrix:** Aqueous **Date Extracted:** NA

**Volatile Organic Compounds**  
**Units: PPB (µg/l)**

	Sample Name:	<b>5-19B</b>	<b>Reagent</b>	<b>Reagent</b>
	Lab Code:	9802035-20	<b>Blank</b>	<b>Blank</b>
	Date Analyzed:	2/16/98	2/13/98	2/16/98
<b>EPA Method 8020</b>				
<u>Compound</u>	<u>MRL</u>	<u>Result</u>	<u>Result</u>	<u>Result</u>
Benzene	0.5	2.3	nd	nd
Toluene	0.5	1.8	nd	nd
Ethylbenzene	0.5	0.8	nd	nd
Total Xylenes	0.5	0.7	nd	nd
BFB (Surrogate)		108	102	101
Recovery				
Dilution Factor		1	1	1

Hall Environmental Analysis Laboratory, Inc.

Client : D. B. Stephens and Associates, Inc. Date Collected: 2/11,12/98  
Project: Enron-Thoreau Date Received: 2/12/98  
Sample Matrix: Aqueous Date Extracted: 2/16/98

PCBs  
Units: PPB (µg/l)

Sample Name: 5-17B Filtered  
Purge Water 5-01C  
Lab Code: 9802035-5 9802035-12 9802035-15  
Date Analyzed: 2/16/98 2/16/98 2/16/98

Test: EPA 8080 PCBs

Compound	MRL	Result	Result	Result
Arochlor 1016	1.0	nd	nd	nd
Arochlor 1221	5.0	nd	nd	nd
Arochlor 1232	1.0	nd	nd	nd
Arochlor 1242	1.0	nd	nd	nd
Arochlor 1248	1.0	nd	nd	nd
Arochlor 1254	1.0	nd	nd	nd
Arochlor 1260	1.0	nd	nd	nd
% DCBP		97	99	103
Dilution		1	1	1

Sample Name: 5-06C 5-99 Extraction  
Lab Code: 9802035-16 9802035-18 Blank  
Date Analyzed: 2/16/98 2/16/98 2/16/98

Test: EPA 8080 PCBs

Compound	MRL	Result	Result	Result
Arochlor 1016	1.0	nd	nd	nd
Arochlor 1221	5.0	320	280	nd
Arochlor 1232	1.0	nd	nd	nd
Arochlor 1242	1.0	nd	nd	nd
Arochlor 1248	1.0	nd	nd	nd
Arochlor 1254	1.0	nd	nd	nd
Arochlor 1260	1.0	nd	nd	nd
% DCBP		104	104	98
Dilution		1	1	1

Hall Environmental Analysis Laboratory, Inc.

**Client:** D. B. Stephens and Associates, Inc. **Date Collected:** NA  
**Project:** Enron-Thoreau **Date Received:** NA  
**Sample Matrix:** Aqueous **Date Analyzed:** 2/13,16/98

Volatile Organic Compounds  
9802035-1 MS/MSD

**EPA Method 8020**

Units: PPB (µg/l)

<u>Compound</u>	<u>Sample Result</u>	<u>Amount Added</u>	<u>Matrix Spike</u>	<u>MS %</u>	<u>MS Dup</u>	<u>MSD %</u>	<u>RPD</u>
Benzene	<0.5	20.0	19.6	98	19.3	97	2
Toluene	<0.5	20.0	19.8	99	19.5	98	2
Ethylbenzene	<0.5	20.0	20.3	102	20.0	100	1
Total Xylenes	<0.5	60.0	62.5	104	61.8	103	1

Volatile Organic Compounds  
9802035-15 MS/MSD

**EPA Method 8020**

Units: PPB (µg/l)

<u>Compound</u>	<u>Sample Result</u>	<u>Amount Added</u>	<u>Matrix Spike</u>	<u>MS %</u>	<u>MS Dup</u>	<u>MSD %</u>	<u>RPD</u>
Benzene	<0.5	20.0	21.4	107	21.3	107	0
Toluene	<0.5	20.0	20.8	104	20.8	104	0
Ethylbenzene	<0.5	20.0	21.3	107	21.0	105	1
Total Xylenes	<0.5	60.0	65.1	109	64.5	108	1

PCBs  
BS/BSD 2/16

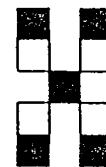
**EPA Method 8080**

Units: PPB (µg/l)

<u>Compound</u>	<u>Sample Result</u>	<u>Amount Added</u>	<u>Blank Spike</u>	<u>BS %</u>	<u>BS Dup</u>	<u>BSD %</u>	<u>RPD</u>
Arochlor 1260	1.0	5.0	4.9	98	4.9	98	0

## CHAIN-OF-CUSTODY RECORD

Client: <u>DANIEL B. STEPHENS &amp; ASSOC.</u>	Project Name: <u>ENRON-THOREAU</u>
Address: <u>6020 ACADEMY NE</u>	Project #: <u>6031.1</u>
<u>ALBU, NM 87109</u>	Project Manager: <u>Bob Marley</u>
Phone #: <u>505/822-9400</u>	Sampler: <u>Wolf / Sharp</u>
Fax #: <u>505/822-8877</u>	Samples Cold?: <input type="checkbox"/> Yes <input type="checkbox"/> No



**HALL ENVIRONMENTAL ANALYSIS LABORATORY**  
 4901 Hawkins NE, Suite A  
 Albuquerque, New Mexico 87109  
 505.345.3975  
 Fax 505.345.4107

## ANALYSIS REQUEST

Date 1998	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative			HEAL No.	BTEX + MTBE (602/8020)	BTEX + MTBE + TPH (Gasoline Only)	TPH Method 8015 MOD (Gas/Diesel)	TPH (Method 418.1)	8010/8020 Volatiles	EDB (Method 504)	EDC (Method 8010)	8310 (PNA or PAH)	PCRA 8 Metals	Cations (Na, K, Ca, Mg)	Anions (F, Cl, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> )	8080 Pesticides (PCB's)	8260 (VOA)	8270 (Semi-VOA)			Air Bubbles or Headspace (Y or N)
					HgCl <sub>2</sub>	HCl																			
2/10	1145	Aq	5-03B	2/40 mL	✓			9802035-1	✓																
2/10	1450	Aq	5-24B	2/40 mL	✓			-2	✓																
2/10	1630	Aq	5-14B	2/40 mL	✓			-3	✓																
2/10	1650	Aq	5-23B	2/40 mL	✓			-4	✓																
2/11	1000	Aq	5-17B	2/40 mL 1/1 liter	✓			-5	✓											✓					
2/11	1025	Aq	5-12B	2/40 mL	✓			-6	✓																
2/11	1135	Aq	5-15B	2/40 mL	✓			-7	✓																
2/11	1230	Aq	5-13B	2/40 mL	✓			-8	✓																
2/11	1310	Aq	5-18B	2/40 mL	✓			-9	✓																
2/11	1420	Aq	5-20B	2/40 mL	✓			-10	✓																
2/11	1520	Aq	5-02C	2/40 mL	✓			-11	✓																
2/11	1550	Aq	Filtered Purge H <sub>2</sub> O	2/40 mL 1/1 liter	✓			-12	✓											✓					

Date: <u>2/12</u>	Time: <u>1537</u>	Relinquished By: (Signature) <u>[Signature]</u>	Received By: (Signature) <u>[Signature]</u> <u>2/12/98</u>
Date:	Time:	Relinquished By: (Signature)	Received By: (Signature)

Remarks:  
 Analyses: 8020 BTEX (No MTBE)  
 8080 PCBs only

Client:	DBS & A	Project Name:	ENRON-THOREAU
Address:		Project #:	6031.1
		Project Manager:	Bob Marley
Phone #:	822-9400	Sampler:	Wolf/Sharp
Fax #:		Samples Cold?:	<input type="checkbox"/> Yes <input type="checkbox"/> No

**HALL ENVIRONMENTAL ANALYSIS LABORATORY**  
**4901 Hawkins NE, Suite A**  
**Albuquerque, New Mexico 87109**  
**505.345.3975**  
**Fax 505.345.4107**

## ANALYSIS REQUEST

[illegible]

Date: 2/12	Time: 1537	Relinquished By: (Signature) 	Received By: (Signature)  2/14/08 1557 5:52
Date:	Time:	Relinquished By: (Signature)	Received By: (Signature)

Remarks:  
ANALYSES: 8020 BTEX (No MTBE)  
8080 PCBs only



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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

May 8, 1995



**CERTIFIED MAIL**  
**RETURN RECEIPT NUMBER P-667-242-254**

Mr. Fenley Ryther, Jr.  
Permits Group Manager  
ENRON Operations Corp.  
P.O. Box 1188  
Houston, TX 77251-1188

**RE: GROUND WATER REMEDIATION PLAN  
ENRON THOREAU COMPRESSOR STATION  
MCKINLEY COUNTY, NEW MEXICO**

Dear Mr. Ryther:

The New Mexico Oil Conservation Division (OCD) has completed a review of the following ENRON documents which were submitted to the OCD on January 17, 1995:

- January 3, 1995 "GROUND WATER REMEDIATION PLAN FOR THE TRANSWESTERN PIPELINE COMPANY COMPRESSOR STATION NO. 5, THOREAU, NEW MEXICO".
- March 31, 1994 "NEW SOURCE PERMIT APPLICATION, THOREAU COMPRESSOR STATION, TRANSWESTERN PIPELINE COMPANY, MCKINLEY COUNTY, NEW MEXICO".
- December 2, 1992 "PCB INVESTIGATION, THOREAU MONITOR WELLS 5-1B AND 5-6B".
- December 1992 "AN ARCHAEOLOGICAL SURVEY OF WATER TESTING UNITS AT THE THOREAU COMPRESSOR STATION AT THOREAU, MCKINLEY COUNTY, NEW MEXICO FOR THE TRANSWESTERN PIPELINE COMPANY".
- July 26, 1991 "GROUND-WATER ASSESSMENT REPORT FOR COMPRESSOR STATION NO. 5, THOREAU, NEW MEXICO".
- February 1990 "HYDROGEOLOGY AT THE TRANSWESTERN PIPELINE COMPRESSOR STATION NO. 5, THOREAU, NEW MEXICO".
- January 8, 1990 "AN ARCHEOLOGICAL SURVEY OF THREE PARCELS ADJACENT TO THE THOREAU, LEUPP, AND KLAGETOH COMPRESSOR STATIONS".

Mr. Fenley Ryther, Jr.  
May 8, 1995  
Page 2

These documents contain the results of ENRON's investigation of the extent of ground water contamination at the Thoreau Compressor Station. The documents also contain ENRON's proposed work plan for remediation of contaminated ground water.

The above referenced investigation actions are satisfactory and the proposed ground water remediation work plan is approved with the following conditions:

1. ENRON will sample ground water from monitor wells 5-12B, 5-14B, 5-15B, 5-17B, 5-57B and 5-58B on a quarterly basis. Ground water from these monitor wells will be sampled and analyzed for concentrations of benzene, toluene, ethylbenzene, xylene (BTEX) using EPA approved methods.

**NOTE:** Since there is no New Mexico Water Quality Control Commission (WQCC) ground water standard for total petroleum hydrocarbons (TPH), the OCD does not require that ENRON analyze ground water samples for TPH.

2. ENRON will submit semiannual reports on the remedial actions and site monitoring to the OCD by January 1 and July 1 of each respective year with the first report due on January 1, 1996. The reports will contain:
  - a. A description of all remediation and monitoring activities which occurred during the previous semiannual period including as built construction diagrams of all remediation systems which have been installed.
  - b. A summary of the laboratory analytic results of water quality sampling of the monitor wells and all other remedial system sampling. The data will be presented in tabular form showing past and present sampling results.
  - c. A water table elevation map using the water table elevation of the ground water in all monitor wells as measured during that period.
  - d. If free phase product is present, a product thickness map.
3. ENRON will notify the OCD within 24 hours of discovery of a ground water contaminant in monitor wells 5-12B, 5-14B, 5-15B, 5-17B, 5-57B and 5-58B which is in excess of the WQCC ground water standards.



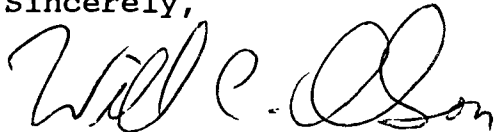
Mr. Fenley Ryther, Jr.  
May 8, 1995  
Page 3

4. The OCD defers comment on the termination of corrective action activities until such time that ENRON applies for termination of the corrective actions.
5. ENRON will supply the OCD with a report about the 1990/1991 PCB soil removal actions at the former unlined surface impoundment.
6. ENRON will notify the OCD at least one week in advance of all scheduled activities such that the OCD has the opportunity to witness the events and/or split samples.
7. All original documents submitted for approval will be submitted to the OCD Santa Fe Office with copies provided to the OCD Aztec District Office.

Please be advised that OCD approval does not relieve ENRON of liability should their actions fail to adequately remediate contamination related to ENRON's activities or should contamination exist which is outside the scope of the work plan. In addition, OCD approval does not relieve ENRON 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) 827-7154.

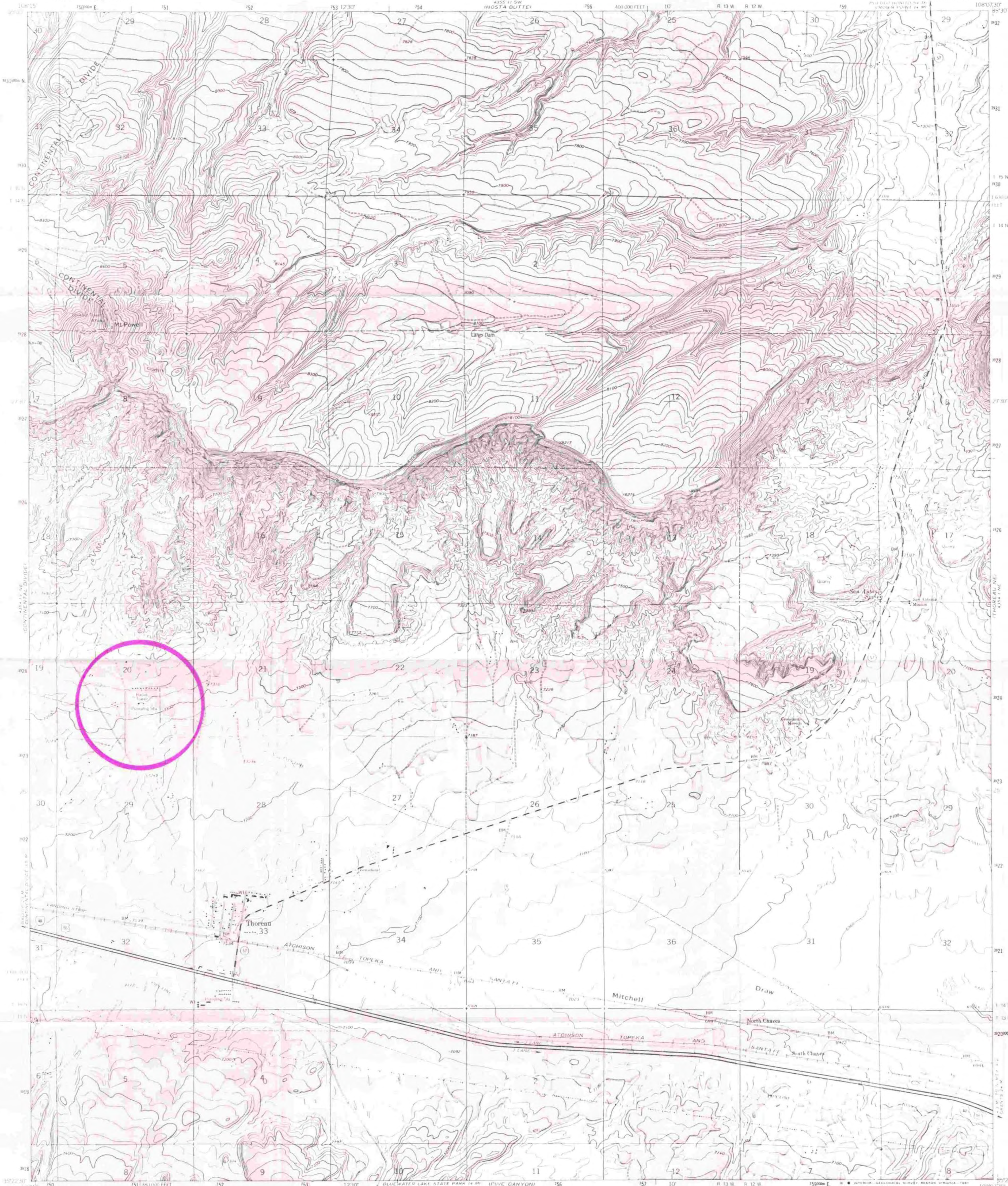
Sincerely,



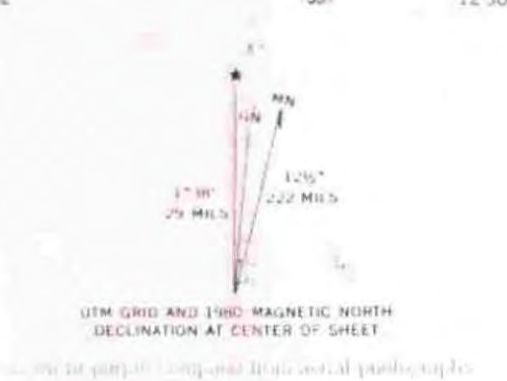
William C. Olson  
Hydrogeologist  
Environmental Bureau

xc: Denny Foust, OCD Aztec District Office





Maped, edited, and published by the Geological Survey  
Control by USGS and NOAA  
Topography by photogrammetry, mostly from aerial  
photographs, 1958-1961. Last checked 1961.  
Projection, UTM, North American Datum 1983  
UTM grid and 1983 North American Datum  
1983 (NAD 83) grid lines are shown in black and red  
lines. The 1983 datum is 56 meters east as  
shown by dashed corner ticks.



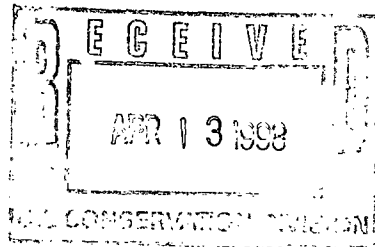
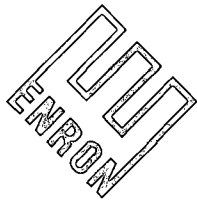
SCALE 1:24,000  
CONTOUR INTERVAL 20 FEET  
NATIONAL GEODETIC DATUM OF 1929  
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

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

**RECEIVED**  
MAY 07 1998  
Environmental Bureau  
Oil Conservation Division

THOREAU, N. MEX.  
1963  
PHOTOGRAPHIC SCALE 1:50,000  
DMA 454-1 NW-SERIES 1981





**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*

April 9, 1998

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

Re: Underground Drain Line Testing, Transwestern Pipeline Company's Compressor Station #5 Thoreau,  
New Mexico GW-80

Dear Mr. Anderson:

The following report presents the results of the underground drain line repair and testing. This line runs from the Compressor Building to the Oily Waste Water Sump at our Thoreau Compressor Station. This line is a four inch drain line that ties into an eight inch header. The total length of this line is 363 feet. This drain line previously did not pass the testing program that initiated on August 13-22, 1997. The drain line repair started on 3-13-98 and finalized on 3-20-98. Sample of the contaminated soil sent into the lab and we are waiting for the results.

**METHODOLOGY**

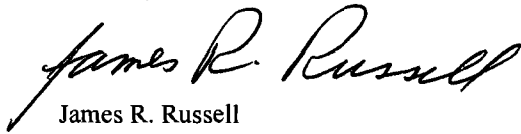
The drain line was tested using the following methodology. A test header constructed by isolating this drain line and attaching and sealing a 90 degree elbow of the same pipe diameter to one of the two drain pipe ends. A seven (7) foot vertical pipe of the same diameter attached and sealed to the exposed end of the 90 degree elbow. At the terminal end of the expose drain pipe a test plug temporarily inserted and sealed. The drain line and attached test header filled with water to a mark level on the vertical pipe of 6.95 feet above the horizontal elevation of the drain pipe. This water level head created a positive pressure of 3.0psi upon the existing piping system. This pressure 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 was indicated by a drop in the water level of the vertical pipe below the 6.95 ft mark.

**RESULTS**

The results of the Compressor Building to Oily Waste Water Sump drain line retest showed that the leak was located and repaired to satisfy the approved testing procedure. Transwestern now concludes that the integrity of all underground drain lines at this location is intact and that no further action required on these lines.

Should you desire additional information concerning this line repair and testing procedure, please contact me at our Albuquerque Technical Operation Office at (505) 260-4011

Sincerely,

A handwritten signature in cursive script that reads "James R. Russell". The signature is written in dark ink and is positioned above the printed name and title.

James R. Russell  
Environmental Specialist

xc: Rich Jolly  
Larry Campbell  
Gallup Team



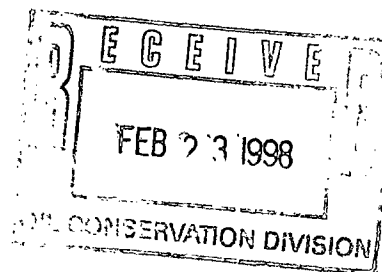
## Cypress Engineering

16300 Katy Freeway, Suite 210  
Houston, Texas 77094-1610

(281) 578-3115 office  
(281) 578-3491 fax

February 19, 1998

Mr. William C. Olson  
Environmental Bureau  
New Mexico Oil Conservation Division  
2040 S. Pacheco St.  
Santa Fe, New Mexico 87505



RE: Final Disposition of Investigation Derived Wastes (IDW)  
Transwestern Pipeline Company -Thoreau Compressor Station

Dear Bill,

In the course of the most recent drilling activities, approximately 5 cubic yards of soil cuttings were generated.

The proposed final disposition of soil cuttings is based upon the results of laboratory analyses of a composite soil sample collected from the stockpiled soil. The proposed final disposition of IDW is summarized in the table below.

Source	Volume	Lab Results	Comments/Disposition
"Clean" soil cuttings pile	5 cu. yds.	TPH = 72 mg/kg Benzene = <0.05 mg/kg Toluene = <0.05 mg/kg Ethylbenzene = <0.05 mg/kg Total Xylenes = <0.05 mg/kg	spread on-site

The laboratory report for the composite soil sample collected from the soil cuttings pile is enclosed with this document.

Transwestern will implement the proposed disposition of IDW upon obtaining approval from your office. If you have any questions regarding this issue, please contact me at (713) 646-7327.

Sincerely,

George C. Robinson, P.E.  
President

sls/GR

5/29/98 0930 hrs.  
Verbal approval to  
George Robinson  
Will Olson

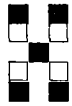
Mr. Bill Olson  
Thoreau Compressor Station

Page 2  
February 19, 1998

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enclosure

xc w/enclosure:	Denny Foust	NMOCD Aztec District Office	
	Larry Campbell	Transwestern Pipeline Co.	Roswell, NM
	Ted Ryther	Enron Gas Pipeline Group	3AC3137



# Hall Environmental Analysis Laboratory

**Client:** Daniel B. Stephens & Assoc.  
**Address:** 6020 Academy NE  
Suite 100  
Albuquerque, NM 87109

**Project:** ENRON-Thoreau  
**Project Number:** 6031.1  
**Project Manager:** Bob Marley  
**Date Collected:** 11/24/97  
**Date Received:** 12/10/97  
**Sample Matrix:** Soil

**Report Date:** 12/15/97

**Analysis Date:** 12/15/97

**Extraction Date:** 12/12/97

## EPA Method - 418.1

Final volume of Freon-113 used (ml)	20
Sample weight (g)	10

HEAL ID	Client ID	Absorbance	Dilution	T P H (mg/kg)
9712020-1	Soil Cuttings	0.064	1	72

### QA/QC

Ext Blk 12/12                      N/A                      0.000                      1                      <20

<u>Sample ID:</u>	<u>Sample Amount</u>	<u>Spike</u>	<u>Recovery</u>	<u>% Recovery</u>
BS 12/9	<20	100	93	93

<u>Sample ID:</u>	<u>Sample Amount</u>	<u>Duplicate</u>	<u>RPD</u>
9712020-1 12/12	72	74	2.8

Sincerely:

Andy Freeman  
Semi Volatiles Supervisor

Scott Hallenbeck  
Laboratory Manager

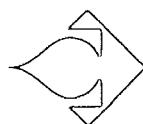
Hall Environmental Analysis Laboratory, Inc.

Client : Daniel B. Stephens & Associates Date Collected: 11/24/97  
Project: Enron-Thoreau Date Received: 12/10/97  
Sample Matrix: Non-Aqueous Date Extracted: 12/10/97

Volatile Organic Compounds  
Units: PPM (mg/kg)

	Sample Name:	Soil Cuttings
	Lab Code:	9712020-1
	Date Analyzed:	12/10/97
<b>EPA Method 8020</b>		
<u>Compound</u>	<u>MRL</u>	<u>Result</u>
Benzene	0.05	nd
Toluene	0.05	nd
Ethylbenzene	0.05	nd
Total Xylenes	0.05	nd
BFB (Surrogate) Recovery		93
Dilution Factor		1

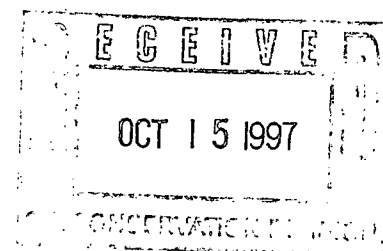




**Enron  
Transportation  
& Storage**

*Services provided by Northern Natural Gas Company  
and Transwestern Pipeline Company*

Date October 13, 1997



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

Reference: Underground Drain Line Testing Transwestern Pipeline Company'  
Compressor Station # 5 Thoreau New Mexico Station, GW-80

Dear Mr. Anderson:

The following report presents the results of the underground drain line testing at the Transwestern Pipeline Company ( Transwestern) Compressor Station # 5 Thoreau New Mexico. This station is currently operating under OCD discharge plan GW-80, 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 approved by the agency on July 16, 1997.

**METHODOLOGY**

The testing program was initiated on August 13 - 22, 1997. The following drain line systems were hydrostatically tested:

<u>Drain Line System</u>	<u>Length of Line (ft.)</u>	<u>Size of pipe (in.)</u>
Pig Receiver to Condensate Sump	18	3.0
Condensate Sump to Holding Tank	225	2.0
Mist Extractor to Holding Tank	150	2.0
Unloading Line from Tank to Truck Area	375	2.0
Comp. Bldg. To OWW (1) Sump	363	4" drain lines to 8" Header
Sump to Valve Box Below OWW Tank	564	
Valve Box to OWW Tank	90	2.0

(1)Oily Waste Water

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

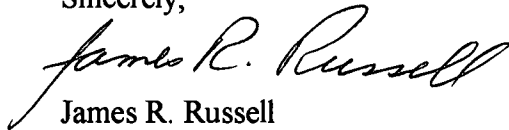
same pipe diameter to one of the two drain pipe ends. A seven 7 ft vertical pipe of the same pipe diameter was attached and sealed to the exposed end of the 90 degree elbow. At the terminal end of the exposed drain pipe a test plug was temporarily inserted and sealed. The drain line and attached test 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 drain line testing, recorded one drain line showing leakage. This line is identified as the Comp. Bldg. To OWW (1) Sump. All other test 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 further drain line actions or activities are required on the Comp. Bldg. To OWW (1) Sump line only and that the integrity of all other underground drain line system at this facility is intact and that no further actions are required on these lines.

Should you desire additional information concerning this testing procedure or report, contact the undersigned at our Albuquerque Technical Operations at (505) 260-4011.

Sincerely,



James R. Russell  
Environmental Specialist

xc: Rich Jolly  
Larry Campbell  
Gallup Team



**NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT**

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

April 3, 1997

**CERTIFIED MAIL**

**RETURN RECEIPT NO. P-288-258-796**

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

**Re: Disposal Request  
Mountainair, Laguna, and Thoreau Compressor Stations  
Non-Friable Asbestos Containing Material (NFACM)**

Dear Mr. Russell:

The Oil Conservation Division (OCD) has received your request letter dated March 24, 1997, for approval to remove and dispose of approximately 21 cubic yards of NFACM at the Keer's Asbestos landfarm generated from company cottages at the three above mentioned facilities. 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/-

c: Mr. Denny Foust - Environmental Geologist, Aztec OCD District Office.  
Artesia OCD District Office.



**Enron  
Transportation  
& Storage**

*Services provided by Northern Natural Gas Company  
and Transwestern Pipeline Company*

**RECEIVED**

APR 03 1997

Environmental Bureau  
Oil Conservation Division

MAR 25 1997

CONSERVATION PLAN

March 24, 1997

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: Removal of non friable asbestos siding from Company Cottages.

Dear Mr. Roger Anderson

Transwestern Pipeline Company, owner and operator of the facilities located at Thoreau, Laguna, and Mountainair, New Mexico. Request approval from your agency to remove and dispose of non friable asbestos siding from one (1) company cottage at each location. There is approximate seven (7) cubic yards of material at each location. Spray System Environmental, New Mexico license #029781 will perform this work. The disposal of the material from each location will be at the Keer's Asbestos land farm located at Mountainair, New Mexico. Approval of this request will allow Transwestern expedited 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  
Larry Campbell  
Laurel Kunkel  
File

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

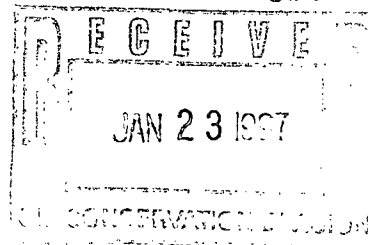
RECEIVED

JAN 23 1997

Environmental Bureau  
Oil Conservation Division

January 17, 1997

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:

<u>Facility</u>	<u>Discharge Plan No.</u>	<u>Ownership</u>
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,

A handwritten signature in cursive script that reads "Larry Campbell".

Larry Campbell  
Division Environmental Specialist

RECEIVED

JAN 23 1997

Environmental Bureau  
Oil Conservation Division

file

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 6/17/96,  
or cash received on \_\_\_\_\_ in the amount of \$ 690.00

from ENRON

for Thoreau C.S. GW-080

Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_  
(Facility Name) (DP No.)

Submitted to ASD by: R. Rindler Date: 7/31/96

Received in ASD by: D. Salazar Date: 7-31-96

Filing Fee \_\_\_\_\_ New Facility \_\_\_\_\_ Renewal X

Modification \_\_\_\_\_ Other \_\_\_\_\_  
(Specify)

Organization Code 521.07 Applicable FY 97

To be deposited in the Water Quality Management Fund.

Full Payment X or Annual Increment \_\_\_\_\_

**ENRON  
CORP**

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

62-20  
311

No. [REDACTED]

06/17/96

PAY TO THE  
ORDER OF

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

SSSSSSSSSSSS690.00

NOT VALID AFTER 90 DAYS

ix Hundred Ninety and 00/100 Dollars

KWH

AUTHORIZED SIGNATURE

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

**ENRON**  
**CORP**

0028813 SD

7680

EMSA3

06/17/96

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

PG 1 OF 1

VENDOR NO. #B22134121

REMITTANCE STATEMENT

VOUCHER NO.	INVOICE DATE	INVOICE NUMBER	PURCHASE ORDER	AMOUNT		NET
				GROSS	DISCOUNT	
9606001141	06/11/96	INVOCDPERMIT	LARRY CAMPBELL OCD PERMIT THOREAU COMP. STA.	690.00	0.00	690.00
			GW-080			TOTAL 690.00

SPECIAL INSTRUCTIONS:

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

DETACH AND RETAIN THIS STUB FOR YOUR RECORDS.

CHECK # [REDACTED] ATTACHED BELOW

