

GW - 285

**GENERAL  
CORRESPONDENCE**

**YEAR(S):**  
2002 - 1997



**RECEIVED**

AUG 12 2002

Oil Conservation Division

August 8, 2002

**Larry Campbell**  
Division Env. Specialist

**Transwestern Pipeline Company**

6381 North Main Street  
Roswell, NM 88201

505-625-8022  
Fax 505-627-8172  
Pager 800-632-9229  
Cellular 505-626-6211  
lcampbe@enron.com

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

Re: Submittal of Flat Fee and Renewal Fee, Groundwater Discharge Plan GW-285,  
Bisti Compressor Station

Dear Ed:

Transwestern Pipeline Company, owner and operator of the Bisti Compressor Station, requests renewal by the Oil Conservation Division (OCD) of discharge plan GW-084. A check (no. 9600015767) in the amount of \$1800.00 is included with this letter notification to cover the applicable discharge filing fees.

Should you require any additional information concerning this renewal request, contact the undersigned at our Roswell Technical Operations at (505) 625-8022.

Sincerely,

Larry Campbell  
Division Environmental Specialist

Attachment (check)

xc: San Juan Team  
file

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 8-2-02  
or cash received on \_\_\_\_\_ in the amount of \$ 1800.00  
from Transwestern Ppl. Co.  
for Bisti C.S. GW-285.

Submitted by: [Signature] (Facility Name) Date: 8-5-02 (DP No.)

Submitted to ASD by: \_\_\_\_\_ Date: \_\_\_\_\_

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.

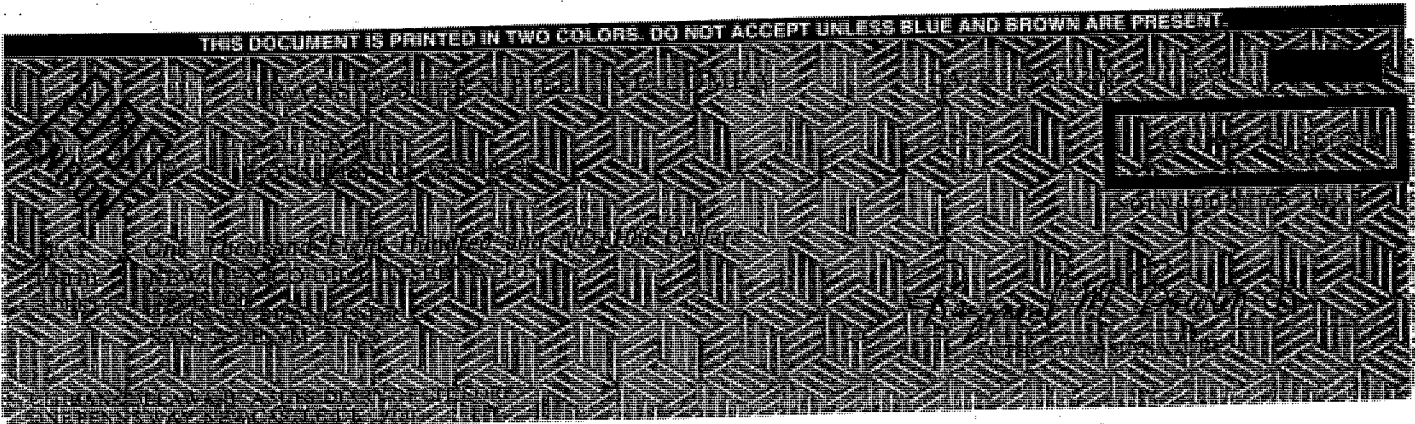
Full Payment ☒ or Annual Increment \_\_\_\_\_

DETACH AND RETAIN THIS STUB FOR YOUR RECORDS.

CHECK # 9600015767 ATTACHED BELOW

REMOVE DOCUMENT ALONG THIS PERFORATION

THIS DOCUMENT IS PRINTED IN TWO COLORS. DO NOT ACCEPT UNLESS BLUE AND BROWN ARE PRESENT.



REMITTANCE STATEMENT

Page 1 of 1

VENDOR NUMBER: 5000068281

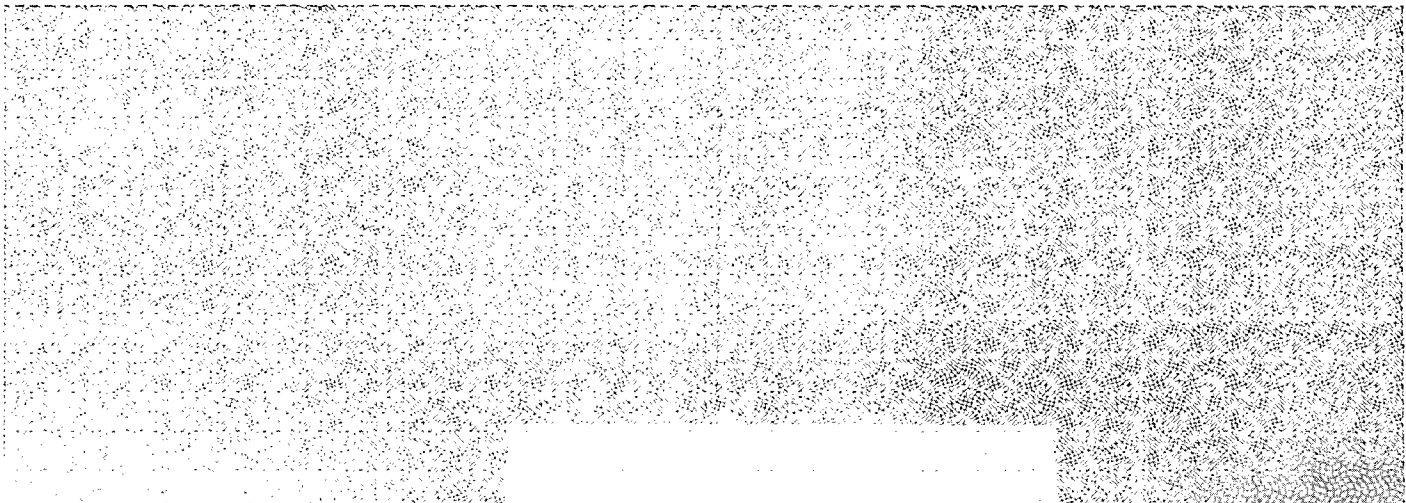
VOUCHER NUMBER	INVOICE DATE	INVOICE NO.	PURCHASE ORDER	AMOUNT		
				GROSS	DISCNT	NET
0100020493	07/22/02	OCD FEE-BISTI		1,800.00	0.00	1,800.00
					TOTAL	1800.00
SPECIAL INSTRUCTIONS: TO: L. CAMPBELL 6381 N. MAIN, ROSWELL, NM 88201						

DETACH AND RETAIN THIS STUB FOR YOUR RECORDS.

CHECK #

ATTACHED BELOW

REMOVE DOCUMENT ALONG THIS PERFORATION





# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

BETTY RIVERA

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

July 22, 2002

CERTIFIED MAIL

RETURN RECEIPT NO. 3929-9482

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

RE: Discharge Plan Renewal GW-285  
Transwestern Pipeline Co.  
Bisti Compressor Station  
San Juan County, New Mexico

Dear Mr. Campbell:

The ground water discharge plan renewal GW-285 for the Transwestern Pipeline Co. Bisti Compressor Station located in Section 19, Township 24 North, Range 13 West, NMPM, San Juan County, New Mexico, is hereby approved under the conditions contained in the enclosed attachment. **Enclosed are two copies of the conditions of approval. Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe office within thirty (30) days of receipt of this letter. Please note new mailing address below.**

The discharge plan renewal application letter, dated December 2, 2001, submitted pursuant to Section 3106 of the New Mexico Water Quality Control Commission (WQCC) Regulations includes all earlier applications and approvals and all conditions later placed on those approvals. The discharge plan is renewed pursuant to Section 3109.C. Please note Section 3109.G, which provides for possible future amendment of the plan. Please be advised that approval of this plan does not relieve Transwestern Pipeline Co. of responsibility should operations result in pollution of surface water, ground water or the environment. Nor does it relieve Transwestern Pipeline Co. of its responsibility to comply with any other governmental authority's rules and regulations.

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

Please note that Section 3104 of the regulations provides: "When a plan has been approved, discharges must be consistent with the terms and conditions of the plan." Pursuant to Section 3107.C, Transwestern Pipeline Co. is required to notify the Director

U.S. Postal Service  
**CERTIFIED MAIL RECEIPT**  
(Domestic Mail Only; No Insurance Coverage Provided)

**OFFICIAL USE**

Postage  
Certified Fee  
Return Receipt Fee (Endorsement Required)  
Restricted Delivery Fee (Endorsement Required)  
Total Postage & Fees

Postmark Here

Sent To  
Street, Apt. No.,  
or PO Box No.  
City, State, ZIP+4

PS Form 3800, January 2001 See Reverse for Instructions

7001 1940 0004 3929 9482

SANTA FE NM JUL 23 2002 87505

LARRY CAMPBELL / TRANSWESTERN  
6381 NORTH MAIN  
ROSWELL, NM 88201

GW285 EO

Mr. Larry Campbell  
GW- 95  
July 22, 2002  
Page 2

of any facility expansion, production increase or process modification that would result in any change in the discharge of water quality or volume.

Pursuant to Section 3109.H.4, this renewal plan is for a period of five years. This renewal will expire on September 24, 2007, and Transwestern Pipeline Co. should submit an application in ample time before this date. Note that under Section 3106.F of the regulations, if a discharger submits a discharge plan renewal application at least 120 days before the discharge plan expires and is in compliance with the approved plan, then the existing discharge plan will not expire until the application for renewal has been approved or disapproved.

The discharge plan renewal application for the Transwestern Pipeline Co. Bisti Compressor Station is subject to WQCC Regulation 3114. **Every facility submitting a discharge plan application is assessed a filing fee of \$100.00. There is a renewal flat fee assessed for gas compressor station facilities with horsepower rating greater than 1,000 horsepower of \$1,700.00.**

On behalf of the staff of the OCD, I wish to thank you and your staff for your cooperation during this discharge plan review.

Sincerely,



Roger C. Anderson  
Chief, Environmental Bureau  
Oil Conservation Division

RCA/eem  
Attachment

Xc: OCD Aztec Office

ATTACHMENT TO THE DISCHARGE PLAN RENEWAL GW-285  
TRANSWESTERN PIPELINE CO.  
BISTI COMPRESSOR STATION  
DISCHARGE PLAN APPROVAL CONDITIONS  
July 22, 2002

1. Payment of Discharge Plan Fees: **The \$100.00 filing fee and the \$1,700.00 flat fee are due upon receipt of this approval; total due by January 1, 2003 is \$1,800.00.** All checks are to be made payable to Water Quality Management Fund and forwarded to the OCD Santa Fe Office. Please note the new mailing address on letterhead.
2. Commitments: Transwestern Pipeline Co. will abide by all commitments submitted in the discharge plan renewal application letter dated December 2, 2001 and these conditions for approval.
3. Waste Disposal: All wastes will be disposed of at an OCD approved facility. Only oilfield exempt wastes shall be disposed of down Class II injection wells. Non-exempt oilfield wastes that are non-hazardous may be disposed of at an OCD approved facility upon proper waste determination per 40 CFR Part 261. Any waste stream that is not listed in the discharge plan will be approved by OCD on a case-by-case basis. **Rule 712 Waste:** Pursuant to Rule 712, disposal of certain non-domestic waste is permitted at solid waste facilities permitted by the New Mexico Environment Department as long as:
  1. the waste stream is identified, and authorized, as such in the discharge plan, and;
  2. existing process knowledge of such waste streams does not change without notification to the Oil Conservation Division.
4. Drum Storage: All drums containing material other than fresh water must be stored on an impermeable pad with curbing. All empty drums will be stored on their sides with the bungs in and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets will also be stored on an impermeable pad and curb type containment.
5. Process Areas: All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device incorporated into the design.
6. Above Ground Tanks: All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new tanks or existing

tanks that undergo a major modification, as determined by the Division, must be placed within an impermeable bermed enclosure.

7. Above Ground Saddle Tanks: Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.
8. Labeling: All tanks, drums and containers will be clearly labeled to identify their contents and other emergency notification information.
9. Below Grade Tanks/Sumps: All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All below grade tanks and sumps must be tested annually. Results of such tests shall be maintained at the facility covered by this discharge plan and available for NMOCD inspection. Permit holders may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks and/or sumps, or other OCD approved methods. The OCD will be notified at least 72 hours prior to all testing.
10. Underground Process/Wastewater Lines: All underground process/wastewater pipelines must be approved by the OCD prior to installation and must be tested to demonstrate their mechanical integrity every five (5) years. Results of such tests shall be maintained at the facility covered by this discharge plan and available for NMOCD inspection. Permit holders may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing.
11. Class V Wells: No Class V wells that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes will be approved for construction and/or operation unless it can be demonstrated that groundwater will 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.
12. Housekeeping: All systems designed for spill collection/prevention will be inspected weekly and after each storm event to ensure proper operation and to prevent overtopping or system failure. A record of inspections will be retained on site for a period of five years.



13. Spill Reporting: All spills/releases will be reported pursuant to OCD Rule 116 and WQCC 1203 to the OCD Aztec District Office.
14. Transfer of Discharge Plan: The OCD will be notified prior to any transfer of ownership, control, or possession of a facility with an approved discharge plan. A written commitment to comply with the terms and conditions of the previously approved discharge plan must be submitted by the purchaser and approved by the OCD prior to transfer.
15. Storm Water Plan: Transwestern Pipeline Co. shall maintain storm water runoff controls. As a result of operations, if any water contaminant that exceeds the WQCC standards listed in 20 NMAC 6.2.3101 is discharged in any storm water run-off, then Transwestern Pipeline Co. shall: take immediate actions to mitigate the effects of the run-off, notify the OCD within 24 hours, and modify the discharge plan to include a formal storm water run-off containment plan and submit for OCD approval within 15 days.
16. Closure: The OCD will be notified when operations of the Bisti Compressor Station are discontinued for a period in excess of six months. Prior to closure of the facility, the company will submit a closure plan for approval. Closure and waste disposal will be in accordance with the statutes, rules and regulations in effect at the time of closure.
17. Conditions accepted by: Transwestern Pipeline Co., by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. Transwestern Pipeline Co. further acknowledges that the Division for good cause shown as necessary to protect fresh water, human health and the environment may change the conditions and requirements of this permit administratively.

Transwestern Pipeline Co.

Print Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

artin, Ed

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

\*\*\*\*\*  
This e-mail is the property of Enron Corp. and/or its relevant affiliate and may contain confidential and privileged material for the sole use of the intended recipient (s). Any review, use, distribution or disclosure by others is strictly prohibited. If you are not the intended recipient (or authorized to receive for the recipient), please contact the sender or reply to Enron Corp. at enron.messaging.administration@enron.com and delete all copies of the message. This e-mail (and any attachments hereto) are not intended to be an offer (or an acceptance) and do not create or evidence a binding and enforceable contract between Enron Corp. (or any of its affiliates) and the intended recipient or any other

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

State of New Mexico  
Energy Minerals and Natural Resources

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

Revised 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: Natural Gas Pipeline Compressor Station

2. Operator: Transwestern Pipeline Company, Bisti Compressor Station (GW-285)

Address: 6381 North Main Street, Roswell New Mexico 88201

Contact Person: Larry Campbell Phone: (505) 625-8022

3. Location:           /4           /4 Section 19 Township 24 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. Same as original application.

5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility. Same as original application.

6. Attach a description of all materials stored or used at the facility. Same as original application.

7. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of wastewater must be included. Same as original application.

8. Attach a description of current liquid and solid waste collection/treatment/disposal procedures. Same as original application.

9. Attach a description of proposed modifications to existing collection/treatment/disposal systems. Same as original application.

10. Attach a routine inspection and maintenance plan to ensure permit compliance. Same as original application.

11. Attach a contingency plan for reporting and clean-up of spills or releases. Same as original application.

12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included. Same as original application.

13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders. Same as original application.

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: \_\_\_\_\_

Date: 12/02/01 \_\_\_\_\_



**Larry Campbell**  
*Division Env. Specialist*

**Transwestern Pipeline Company**

6381 North Main Street  
Roswell, NM 88201

505-625-8022  
Fax 505-627-8172  
Pager 800-632-9229  
Cellular 505-626-6211  
lcampbe@enron.com

December 2, 2001

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

Re: Renewal of Groundwater Discharge Plans for (6) Transwestern Pipeline Company facilities

Dear Mr. Martin:

By this letter, Transwestern Pipeline Company, requests renewal by the Oil Conservation Division (OCD) for the eight (8) discharge plans referenced below:

Portales Compressor Station	GW- 90
Corona Compressor Station	GW- 89
Laguna Compressor Station	GW- 95
Carlsbad Compressor Station	GW-109
Mountainair Compressor Station	GW-110
Bisti Compressor Station	GW-285

Under the conditions of this renewal request, be advised that there have been no modifications or alterations performed or constructed at any of the above referenced facilities which would differ from the facility conditions originally presented to the OCD in Transwestern's last discharge plan renewal application. Additionally, there have been no changes in operating ting practises currently performed at each facility which would differ from those practices which were presented in the last renewal application for each facility.

On December 2, 2001, Transwestern submitted via e-mail to the OCD, renewal applications for each facility listed above. Each form required signature. My signature on this letter constitutes the required signature for each application.

Should you require any additional information concerning this renewal request, contact the undersigned at our Roswell Technical Operations at (505) 625-8022.

Sincerely,

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

Larry Campbell  
Division Environmental Specialist

xc: file

**Martin, Ed**

---

**To:** Larry Campbell (E-mail)  
**Subject:** Discharge Plans

Here's a listing of the permits expiring over the next year or so:

GW-90	Portales C.S.	Expires 2/27/02
GW-89	Corona C.S.	Exprers 3/9/02
GW-95	Laguna C.S.	Expires 3/9/02
GW-109	Carlsbad C.S.	Expires 5/18/02
GW-110	Mountainair C.S.	Expires 5/18/02
GW-113	Eunice C.S.	Expires 6/19/02
GW-283	Jal C.S.	Expires 6/24/02
GW-285	Bisti C.S.	Expires 9/24/02

As you know, if you get your renewal applications in 120 prior to the expiration date, the permit will not expire on the dates above, but will extend until all paperwork is done on my end.

We need to go out and look at all of these at some point in time, but I will get back with you to set up a schedule.

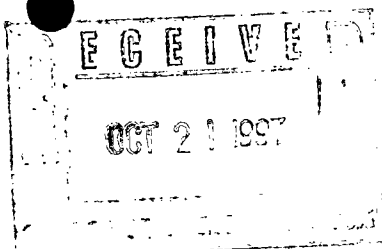
Take care and have a good Thanksgiving.

Ed

*Sent  
11/16/01*



Date October 17, 1997



**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

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

Reference: Underground Drain Line Testing, Transwestern Pipeline Company,  
Bisti Compressor Station, GW- 285

Dear Mr. Anderson:

The following report presents the results of the underground drain line testing at the Transwestern Pipeline Company ( Transwestern) Bisti Compressor Station. This station is currently operating under OCD discharge plan GW-285, 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 8, 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>
Comp. Bldg. Sump Line to OWW <sup>(1)</sup> Tank	300.0	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 each drain line testing, recorded no instances where the water level in the vertical stand pipe receded below the water level mark of 6.95 ft. Based upon the results of this study, Transwestern concludes that the integrity of the underground drain line system at this facility is intact and that no further drain line actions or activities are required.

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  
File

ATTACHMENT TO THE DISCHARGE PLAN GW-285  
TRANSWESTERN PIPELINE COMPANY  
BISTI COMPRESSOR STATION  
DISCHARGE PLAN APPROVAL CONDITIONS  
(September 24, 1997)

1. Transwestern Commitments: Transwestern will abide by all commitments submitted in the discharge plan application dated July 11, 1997.
2. Waste Disposal: All wastes shall be disposed of at an OCD approved facility. Only oilfield exempt wastes shall be disposed of down Class II injection wells. Non-exempt oilfield wastes that are non-hazardous by characteristics may be disposed of at an OCD approved facility upon proper waste characterization per 40 CFR Part 261.
3. Drum Storage: All drums containing materials other than fresh water must be stored on an impermeable pad with curbing. All empty drums will be stored on their sides with the bungs in and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets will also be stored on an impermeable pad and curb type containment.
4. Process Areas: All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device incorporated into the design.
5. Above Ground Tanks: All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new facilities or modifications to existing facilities must place the tank on an impermeable type pad within the berm.
6. Above Ground Saddle Tanks: Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.
7. Labeling: All tanks, drums and containers should be clearly labeled to identify their contents and other emergency information necessary if they were to rupture, spill, or ignite.
8. Below Grade Tanks/Sumps: All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks must demonstrate integrity on an annual basis. Integrity tests include pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks and/or sumps, or other OCD approved methods. The OCD will be notified at least 72 hours prior to all testing.

9. Underground Process/Wastewater Lines: All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity at present and then every 5 years thereafter, or prior to discharge plan renewal. Permittees may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing.
10. Class V Wells: Leach fields and other wastewater disposal systems at OCD regulated facilities which inject fluid other than domestic waste sewage below the surface are considered Class V injection wells under the EPA UIC program. All class V wells will be closed unless, it can be demonstrated that protectable groundwater will not be impacted in the reasonably foreseeable future. Class V wells must be closed through the Santa Fe Office. The OCD allows industry to submit closure plans which are protective of human health, environment and groundwater as defined by the WQCC, and are cost effective.
11. Housekeeping: All systems designed for spill collection/prevention should be inspected to ensure proper operation and to prevent overtopping or system failure.
12. Spill Reporting: All spills/releases shall be reported pursuant to OCD Rule 116 and WQCC 1203 to the OCD Aztec District Office.
13. Transfer of Discharge Plan: The OCD will be notified prior to any transfer of ownership, control, or possession of a facility with an approved discharge plan. A written commitment to comply with the terms and conditions of the previously approved discharge plan must be submitted by the purchaser and approved by the OCD prior to transfer.
14. Closure: The OCD will be notified when operations of the facility are discontinued for a period in excess of six months. Prior to closure of the facility a closure plan will be submitted for approval by the Director. Closure and waste disposal will be in accordance with the statutes, rules and regulations in effect at the time of closure.
15. Certification: Transwestern, by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. Transwestern further acknowledges that these conditions and requirements of this permit may be changed administratively by the Division for good cause shown as necessary to protect fresh water, human health and the environment.

Accepted:



TRANSWESTERN PIPELINE COMPANY

by Regional Director  
Title



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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

September 24, 1997

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. P-288-258-974**

Mr. Rich Jolly  
Transwestern Pipeline Company  
Summit Office Bld., Ste. 250  
4001 Indian School Road NE  
Albuquerque, New Mexico 87110

**RE: Discharge Plan GW-285**  
**Bisti Compressor Station**  
**San Juan County, New Mexico**

Dear Mr. Jolly:

The ground water discharge plan GW-285, for the Transwestern Pipeline Company (Transwestern) Bisti Compressor Station located in Section 19, Township 24 North, Range 13 West, NMPM, San Juan County, New Mexico, **is hereby approved** under the conditions contained in the enclosed attachment. The discharge plan consists of the original discharge plan application dated July 11, 1997. 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 10 working days of receipt of this letter.**

The discharge plan was submitted pursuant to Section 3106 of the New Mexico Water Quality Control Commission (WQCC) Regulations. It is approved pursuant to Section 3109.A. Please note Sections 3109.E and 3109.F., which provide for possible future amendments or modifications of the plan. Please be advised that approval of this plan does not relieve Transwestern of liability should operations result in pollution of surface water, ground water, or the environment.

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

Please note that Section 3104 of the regulations require "When a facility has been approved,

Mr. Rich Jolly  
September 24, 1997  
Page 2

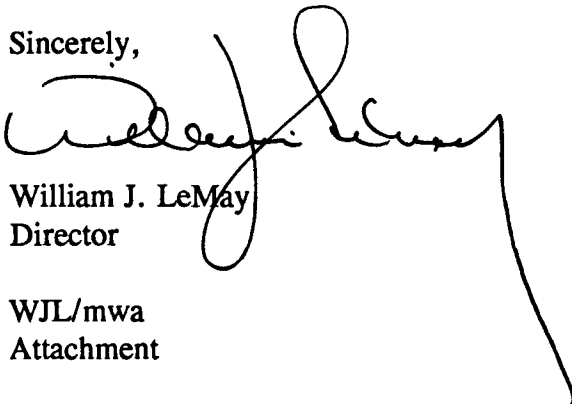
discharges must be consistent with the terms and conditions of the plan." Pursuant to Section 3107.C. Transwestern is required to notify the Director of any facility expansion, production increase, or process modification that would result in any change in the discharge of water quality or volume.

Pursuant to Section 3109.G.4., this plan is for a period of five years. This approval will expire on September 24, 2002, and Transwestern should submit an application in ample time before this date. Note that under Section 3106.F. of the regulations, if a discharger submits a discharge plan renewal application at least 120 days before the discharge plan expires and is in compliance with the approved plan, then the existing discharge plan will not expire until the application for renewal has been approved or disapproved. It should be noted that all discharge plan facilities will be required to submit the results of an underground drainage testing program as a requirement for discharge plan renewal.

The discharge plan application for the Transwestern Pipeline Company Bisti Compressor Station is subject to WQCC Regulation 3114. Every billable facility submitting a discharge plan will be assessed a fee equal to the filing fee of \$50 plus a flat fee of \$1,380.00 for compressor stations. The OCD has received the filing fee and the flat fee.

On behalf of the staff of the OCD, I wish to thank you and your staff for your cooperation during this discharge plan review.

Sincerely,

A handwritten signature in black ink, appearing to read 'William J. LeMay', with a long, sweeping underline that extends down towards the bottom of the page.

William J. LeMay  
Director

WJL/mwa  
Attachment

xc: OCD Aztec Office

ATTACHMENT TO THE DISCHARGE PLAN GW-285  
TRANSWESTERN PIPELINE COMPANY  
BISTI COMPRESSOR STATION  
DISCHARGE PLAN APPROVAL CONDITIONS  
(September 24, 1997)

1. Transwestern Commitments: Transwestern will abide by all commitments submitted in the discharge plan application dated July 11, 1997.
2. Waste Disposal: All wastes shall be disposed of at an OCD approved facility. Only oilfield exempt wastes shall be disposed of down Class II injection wells. Non-exempt oilfield wastes that are non-hazardous by characteristics may be disposed of at an OCD approved facility upon proper waste characterization per 40 CFR Part 261.
3. Drum Storage: All drums containing materials other than fresh water must be stored on an impermeable pad with curbing. All empty drums will be stored on their sides with the bungs in and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets will also be stored on an impermeable pad and curb type containment.
4. Process Areas: All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device incorporated into the design.
5. Above Ground Tanks: All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new facilities or modifications to existing facilities must place the tank on an impermeable type pad within the berm.
6. Above Ground Saddle Tanks: Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.
7. Labeling: All tanks, drums and containers should be clearly labeled to identify their contents and other emergency information necessary if they were to rupture, spill, or ignite.
8. Below Grade Tanks/Sumps: All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks must demonstrate integrity on an annual basis. Integrity tests include pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks and/or sumps, or other OCD approved methods. The OCD will be notified at least 72 hours prior to all testing.

9. Underground Process/Wastewater Lines: All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity at present and then every 5 years thereafter, or prior to discharge plan renewal. Permittees may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing.
10. Class V Wells: Leach fields and other wastewater disposal systems at OCD regulated facilities which inject fluid other than domestic waste sewage below the surface are considered Class V injection wells under the EPA UIC program. All class V wells will be closed unless, it can be demonstrated that protectable groundwater will not be impacted in the reasonably foreseeable future. Class V wells must be closed through the Santa Fe Office. The OCD allows industry to submit closure plans which are protective of human health, environment and groundwater as defined by the WQCC, and are cost effective.
11. Housekeeping: All systems designed for spill collection/prevention should be inspected to ensure proper operation and to prevent overtopping or system failure.
12. Spill Reporting: All spills/releases shall be reported pursuant to OCD Rule 116 and WQCC 1203 to the OCD Aztec District Office.
13. Transfer of Discharge Plan: The OCD will be notified prior to any transfer of ownership, control, or possession of a facility with an approved discharge plan. A written commitment to comply with the terms and conditions of the previously approved discharge plan must be submitted by the purchaser and approved by the OCD prior to transfer.
14. Closure: The OCD will be notified when operations of the facility are discontinued for a period in excess of six months. Prior to closure of the facility a closure plan will be submitted for approval by the Director. Closure and waste disposal will be in accordance with the statutes, rules and regulations in effect at the time of closure.
15. Certification: Transwestern, by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. Transwestern further acknowledges that these conditions and requirements of this permit may be changed administratively by the Division for good cause shown as necessary to protect fresh water, human health and the environment.

Accepted:

TRANSWESTERN PIPELINE COMPANY

by \_\_\_\_\_  
Title

P 288 258 974

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



NOTICE OF PUBLICATION

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

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

(GW-285) - Transwestern Pipeline Company, David Roenck, (505) 632-3876, P. O. Box 399, Bloomfield, New Mexico 87413, has submitted a discharge application for the Bisti Compressor Station located in Section 19, Township 24 North, Range 13 West, NMPM, San Juan County, New Mexico. All wastes generated will be stored in closed top receptacles prior to offsite disposal or recycling at an OCD approved site. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 10 feet with a total dissolved solids concentration of approximately 1,545 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 17th day of July 1997.

NO EFFECT FINDING

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

Date 8/4/97

Consultation # SEAL GWOC-D-97-1

Approved by Charles B. McDonald acting

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

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

  
WILLIAM J. LEMAY, Director

RECEIVED

AUG - 6 1997

Environmental Bureau  
Oil Conservation Division

AFFIDAVIT OF PUBLICATION

No. 38303

COPY OF PUBLICATION

STATE OF NEW MEXICO  
County of San Juan:

DENISE H. HENSON being duly sworn says: That she is the Classified Manager of THE DAILY TIMES, a daily newspaper of general circulation published in English at Farmington, said county and state, and that the hereto attached Legal Notice was published in a regular and entire issue of the said DAILY TIMES, a daily newspaper duly qualified for the purpose within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico for publication on the following day(s):

Thursday, July 31, 1997;

and the cost of publication is: \$64.83.

Denise H. Henson

On 8-1-97 DENISE H. HENSON appeared before me, whom I know personally to be the person who signed the above document.

Boase Wilson  
My Commission Expires November 1, 2000

Legals

NOTICE OF PUBLICATION

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

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

(GW-285) - Transwestern Pipeline Company, David Roench, (505) 632-3876, P.O. Box 399, Bloomfield, New Mexico 87413, has submitted a discharge application for the Bisti Compressor Station located in Section 19, Township 24 North, Range 13 West, NMPM, San Juan County, New Mexico. All wastes generated will be stored in closed top receptacles prior to offsite disposal or recycling at an OCD approved site. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 10 feet with a total dissolved solids concentration of approximately 1,545 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 17th day of July 1997.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

/s/ William J. Lemay  
WILLIAM J. LEMAY, Director

SEAL

Legal No. 38303 published in The Daily Times, Farmington, New Mexico, on Thursday, July 31, 1997.

OK MA  
8-8-97

# The Santa Fe New Mexican

Since 1849. We Read You.

## RECEIVED

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

AUG - 4 1997 AD NUMBER: 673670  
Environmental Bureau  
Oil Conservation Division

ACCOUNT: 56689  
P.O. #: 96-199-002997

167 LINES ONCE at \$ 66.80

Affidavits: 5.25

Tax: 4.50

Total: \$ 76.55

### NOTICE OF PUBLICATION

#### STATE OF NEW MEXICO

#### ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

#### OIL CONSERVATION DIVISION

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

(GW-285) - Transwestern Pipeline Company, David Roench, (505)-632-3876, P.O. Box 399, Bloomfield, New Mexico 87413, has submitted a discharge application for the Bisti Compressor Station located in Section 19, Township 24 North, Range 13 West, NMPM, San Juan County, New Mexico. All wastes generated will be stored in closed top receptacles prior to offsite disposal or recycling at an OCD approved site. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 10 feet with a total dissolved solids concentration of approximately 1,545 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 17th day of July 1997.

STATE OF NEW MEXICO  
OIL CONSERVATION  
DIVISION  
WILLIAM J. LEMAY,  
Director  
Legal #62120  
Pub. July 31, 1997

### AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO  
COUNTY OF SANTA FE

I, BETSY PERNER being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily news paper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a Newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication # 62120 a copy of which is hereto attached was published in said newspaper once each WEEK for ONE consecutive week(s) and that the notice was published in the newspaper proper and not in any supplement; the first publication being on the 31 day of JULY 1997 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/s/ Betsy Perner  
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 31 day of JULY A.D., 1997

Notary Laura Harding  
Commission Expires 11/23/99

OK MM  
8-8-97

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 7/11/97,

or cash received on \_\_\_\_\_ in the amount of \$ 1380.00

from ENRON

for BISTI C.S GW 285

Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_

Submitted to ASD by: R. C. [Signature] Date: 7/31/97

Received in ASD by: \_\_\_\_\_ Date: \_\_\_\_\_

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

Modification \_\_\_\_\_ Other \_\_\_\_\_

Organization Code 521.07 Applicable FY 98

To be deposited in the Water Quality Management Fund.

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

**ENRON  
CORP**

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

62-20  
311

CHECK  
NO. [REDACTED]

CHECK DATE 7/11/97

PAY EXACTLY One Thousand Three Hundred Eighty Dollars No/100 DOLLARS

THIS CHECK IS VOID UNLESS PRINTED ON BLUE BACKGROUND

**\$ 1,380.00**

NOT VALID AFTER 90 DAYS

PAY TO THE  
ORDER OF

NMED-Water Quality Management  
OCD

2040 S. Pacheco  
Santa Fe, NM 87505

CITIBANK DELAWARE

NOT VALID OVER \$5000.00 UNLESS COUNTERSIGNED

FIELD DISBURSEMENT ACCOUNT

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 7/11/97

or cash received on \_\_\_\_\_ in the amount of \$ 50.00

from ENRON

for BISTI CS. GW-285

Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_

Submitted to ASD by: \_\_\_\_\_ Date: \_\_\_\_\_

Received in ASD by: \_\_\_\_\_ Date: \_\_\_\_\_

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

Modification \_\_\_\_\_ Other \_\_\_\_\_

Organization Code 521.07 Applicable FY 98

To be deposited in the Water Quality Management Fund.

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

**ENRON  
CORP**

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

62-20-  
311

CHECK  
NO. [REDACTED]

CHECK DATE 7/11/97

PAY EXACTLY FIFTY DOLLARS AND NO/100 DOLLARS

THIS CHECK IS VOID UNLESS PRINTED ON BLUE BACKGROUND

\$ 50.00

NOT VALID AFTER 90 DAYS

PAY TO THE  
ORDER OF

NMED-Water Quality Management  
OCD  
2040 S. Pacheco  
Santa Fe, NM 87505

CITIBANK DELAWARE

NOT VALID OVER \$5000.00 UNLESS COUNTERSIGNED

FIELD DISBURSEMENT ACCOUNT

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

**ENRON  
CORP**

Flat Fee for Bisti Compressor Station

CHECK NO. \_\_\_\_\_

CHECK DATE 7/11/97

PAGE 1 OF 1

VENDOR NO:  
REMITTANCE STATEMENT

VOUCHER NO.	INVOICE DATE	INVOICE NO.	PURCHASE ORDER	AMOUNT		
				GROSS	DISCOUNT	NET
	7/11/97			\$50.00		
					TOTAL	

SPECIAL INSTRUCTIONS:

DETACH AND RETAIN THIS STUB FOR YOUR RECORDS.

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

**ENRON  
CORP**

Flat Fee for Bisti Compressor Station

CHECK NO. \_\_\_\_\_

CHECK DATE 7/11/97

PAGE 1 OF 1

VENDOR NO:  
REMITTANCE STATEMENT

VOUCHER NO.	INVOICE DATE	INVOICE NO.	PURCHASE ORDER	AMOUNT		
				GROSS	DISCOUNT	NET
	7/11/97			\$1380.00		
					TOTAL	

SPECIAL INSTRUCTIONS:

DETACH AND RETAIN THIS STUB FOR YOUR RECORDS.



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

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

July 25, 1997

THE NEW MEXICAN  
202 E. Marcy  
Santa Fe, New Mexico 87501

RE: NOTICE OF PUBLICATION

PO #96-199-002997

ATTN: Betsy Perner

Dear Sir/Madam:

*Please publish the attached notice one time immediately on receipt of this request. Please proofread carefully, as any error in a land description or in a key word or phrase can invalidate the entire notice.*

*Immediately upon completion of publication, please send the following to this office:*

1. *Publisher's affidavit.*
2. *Invoices for prompt payment.*

*We should have these immediately after publication in order that the legal notice will be available for the hearing which it advertises, and also so that there will be no delay in your receiving payment.*

*Please publish the notice on Thursday, July 31, 1997.*

*Sincerely,*

Sally E. Martinez  
Administrative Secretary

Attachment





NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

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

July 25, 1997

FARMINGTON DAILY TIMES  
P. O. Box 450  
Farmington, New Mexico 87401

RE: NOTICE OF PUBLICATION

ATTN: ADVERTISING MANAGER

Dear Sir/Madam:

Please publish the attached notice one time immediately on receipt of this request. Please proofread carefully, as any error in a land description or in a key word or phrase can invalidate the entire notice.

Immediately upon completion of publication, please send the following to this office:

1. Publisher's affidavit in duplicate.
2. Statement of cost (also in duplicate.)
3. CERTIFIED invoices for prompt payment.

We should have these immediately after publication in order that the legal notice will be available for the hearing which it advertises, and also so that there will be no delay in your receiving payment.

Please publish the notice no later than August 1, 1997.

Sincerely,

*Sally E. Martinez*  
Sally E. Martinez  
Administrative Secretary

Attachment

410 431 046

US Postal Service

**Receipt for Certified Mail**

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to	
Street & Number <b>Farmington Daily Times</b>	
Post Office, State, & ZIP Code <b>P.O. Box 450</b>	
Postage <b>Farmington, NM 87401</b>	
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

**NOTICE OF PUBLICATION**

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

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

(GW-285) - Transwestern Pipeline Company, David Roench, (505) 632-3876, P. O. Box 399, Bloomfield, New Mexico 87413, has submitted a discharge application for the Bisti Compressor Station located in Section 19, Township 24 North, Range 13 West, NMPM, San Juan County, New Mexico. All wastes generated will be stored in closed top receptacles prior to offsite disposal or recycling at an OCD approved site. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 10 feet with a total dissolved solids concentration of approximately 1,545 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

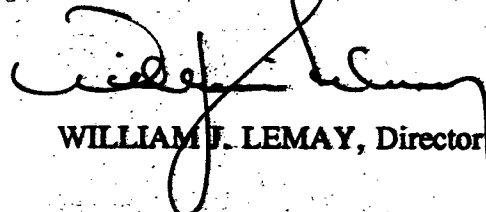
Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 17th day of July 1997.

SEAL

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY, Director

**NOTICE OF PUBLICATION**

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

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

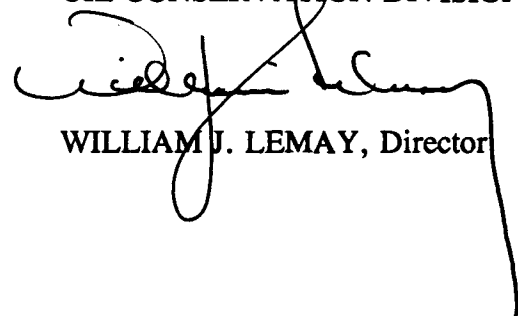
(GW-285) - Transwestern Pipeline Company, David Roench, (505) 632-3876, P. O. Box 399, Bloomfield, New Mexico 87413, has submitted a discharge application for the Bisti Compressor Station located in Section 19, Township 24 North, Range 13 West, NMPM, San Juan County, New Mexico. All wastes generated will be stored in closed top receptacles prior to offsite disposal or recycling at an OCD approved site. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 10 feet with a total dissolved solids concentration of approximately 1,545 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 17th day of July 1997.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY, Director

S E A L



**Enron  
Transportation  
& Storage**

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

GW-285

July 14, 1997

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

Re: Discharge Plan Application Enron Transportation & Storage, Bisti Compressor Station

Dear Mr. Anderson

Enclosed please find three (3) copies of a discharge plan application for the above reference facility. This document is being presented to your agency on behalf of Enron Transportation & Storage, operator of the Bisti Compressor Station and as required pursuant to Section 3-106 of the New Mexico Water Quality Control Commission Regulations.

As required under 3-114 of the Water Quality Control Regulations, enclosed find two checks in the amount of \$50.00 (0602520771) and \$1380.00( 0602520772) for the nonrefundable filing fee and flat fee, receptively, for this new application.

If you require any additional information or clarification concerning this discharge plan application, please contact the undersigned at our Albuquerque Technical Operations at (505) 260-4011.

Sincerely,

*James R. Russell*

James R. Russell  
Environmental Specialist

xc: Rich Jolly w/o attachments  
San Juan Team

06/23/97 11:23  
P.O. Box 1980  
Hobbs, NM 88241-1980  
District II - (505) 748-1283  
Bill S. First  
Artesia, NM 88210  
District III - (505) 334-6178 -  
1000 Rio Brazos Road  
Aztec, NM 87410  
District IV - (505) 827-7131

505 627 8172

TW MARKETING

001

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

Revised 12/1

Submit Orig  
Plus 1 Co  
to Sant  
1 Copy to appropri  
District Oil

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

☒ New

☐ Renewal

☐ Modification

1. Type: COMPRESSOR STATION
2. Operator: TRANSWESTERN PIPELINE COMPANY  
Address: P.O. BOX 399 BLOOMFIELD NEW MEXICO 87413  
Contact Person: DAVID ROENCH Phone: (505) 632-3876
3. Location:        /4        /4 Section 19 Township 24 N Range 13 W  
Submit large scale topographic map showing exact location. SAN JUAN COUNTY
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: James R. Russell

Title: Environmental Specialist

Signature: James R. Russell

Date: July 11, 1997



**Enron  
Transportation  
& Storage**

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

July 10, 1997

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

James R. Russell  
Enron Transportation & Storage  
Summit Office Bld. Ste.250  
4001 Indian School Rd. NE  
Albuquerque, New Mexico 87110

Re: Discharge Plan Application Transwestern Pipeline Company, Bisti Compressor Station

Dear Mr. Anderson:

Enclosed find three (3) copies of a discharge plan application for the above referenced facility. This document is being presented to your agency on behalf of Transwestern Pipeline Company, operator of the Bisti Compressor Station and as required pursuant to Section 3-106 of the New Mexico Water Quality Control Commission Regulations.

If you require any additional information or clarification concerning this discharge plan application please contact the undersigned at our Albuquerque Technical Operation Office at (505) 260-4011.

Sincerely,

James R. Russell  
Environmental Specialist

xc: Rich Jolly      w/o attachments  
David Roench      "  
file

**Bisti Compressor Station**  
page 2

Affirmation

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

Sincerely,

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

James R. Russell  
Environmental Specialist



**Bisti Compressor Station Discharge Plan**

Page 3

**I. GENERAL INFORMATION**

**1. Type of Natural Gas Operation**

This is a Electric Drive Compressor Station with one unit with a total horse power of ten thousand (10,000)h.p. which provides compression for the transmission of natural gas from the San Juan Compressor Station. Once compressed at the facility, the natural gas is transported to the 30" mainline system near Gallup, New Mexico and is delivered to Transwestern's Station #5 to deliver the gas east or to Transwestern's Compressor Station #4 to deliver gas west.

**2. Name of Operator, Legal Responsible Party and Local Representative**

**Operator**

Transwestern Pipeline Company is the legal operator of this facility.

**Legal Responsible Party**

Transwestern Pipeline Company  
Rich Jolly, Regional Director  
Summit Office Bld. Ste. 250  
4001 Indian School Road NE  
Albuquerque, New Mexico 87110  
Phone (505) 260-4003

**Local Contact**

Transwestern Pipeline Company  
David Roench  
Team Leader, San Juan Team  
P. O. Box 399  
Bloomfield, New Mexico 87413  
Phone (505) 632-3876

**3. Location of Discharge Plan Facility**

**Legal Description:**

Township 24 North, Range 13 West, Section 19, San Juan County

**Maps:**

**Topographic map:**

A State of New Mexico USGS map of the immediate area showing location of the compressor station.  
This presented in APPENDIX A.

Note: All on-set routine operational discharges are directed to a sump or above- ground tanks with subsequent transfer off-set appropriate disposal and/ or recycling. This activity is conducted by an appropriate disposal company. No on-set discharge of any kind liquid or solid are intentionally performed at this location. All waste streams at this facility are segregated and directed into dedicated tanks.

**4. Landowners**

Landowner is Bureau of Land Management  
1235 La Plata Hwy.  
Farminton, New Mexico Phone (505) 599-8900

## **Bisti Compressor Station Discharge Plan**

page 4

### **5. Facility Description**

1. The site is approximate 3.58 acres which is fenced for security measures. There is approximately 6 inches of relief across the extent of the property, sloping towards the east. Permanent buildings which are present on the site include: Compressor Building, PCR Building, and Auxiliary Building. A facility Plot Plan is attached as APPENDIX B that shows the location of discharge, storage, and property boundaries.

### **6. Material Storage or Used at the Facility**

1. Water and waste water plan schematics are not applicable as there is no individual water treatment units on site. Liquid waste are not discharged on site. All liquids and liquids waste are temporarily stored in sumps and tanks until they are transferred off-set for recycling and/or disposal.

2. Potential surface and ground water containment's, which may be discharged within the compressor station would be associated with sumps, and above ground storage tanks. The sumps and tanks are visually inspected periodically. The tanks have been engineered to be visually inspected for tanks leakage and contained in a sealed metal sided secondary containment of capacities which equal 150%. This surpasses the OCD requirement for 130%.

3. Lube Oil Storage tank is 1000 gallon capacity containing Conaco Turbin 32. The location of the 1000 gallon lube oil tank is 150 feet west of the Compressor Building.

4. Oily Waste Water tank capacity is 600 gallons containing only oily waste water from washing the unit. The location of the oily waste water tank is 150 feet west of the compressor building.

### **7. Source and Quantities of Effluent and Waste Solids Generated at the Facility**

1. One (1) Electric Motor and cooling water: The electric motor variable speed drive present at this facility uses liquid coolants in their operation. The amount of waste coolant liquid collected each month is less than two (2) gallons.

2. Domestic Sewage: Domestic sewage is collected in a portable system which is transferred from the site periodically.

3. Engine Wash Down Water and Floor Drains: Small quantities of wastewater will be collected in a sump then pumped into a 600 gallon oily waste water tank within a containment area. Small quantities of water collecting within the containment's from rain or snow is allowed to evaporate.

4. Waste engine Oils: Lubricate oil change outs from the Electric Drive and Compressor do not normally occur. Only when the unit is being taken down for repair or maintenance might the oil be removed from the unit. During periods when this activity occurs, the oil is removed from the unit and transferred to a series of 55 gallon drums then transported to an off-set used oil tank for recycling. Prior to removal from this facility oil samples are to be collected and analyzed from the tank for proper recycling or recovered as boiler fuel makeup. Sample results are presented in APPENDIX C.

5. Used lube oil filters:

6. The only Chemical material stored on-set in excess of 55 gallons is only engine oil.

## **Bisti Compressor Station Discharge Plan**

page 5

### **8. Quality Characteristics**

1. All waster streams flow into one sump and into one 600 gallon waste water tank. Presented below are the characteristics of the waste streams which are generated on site:

Oily waste water: Prior to removal from facility for disposal this material will be sampled.

The oily waste water tank will have two samples taken. One sample will be of the oil phase of the tank and the other sample will be of the water phase.

Analytical testing results are presented in APPENDIX D.

2. Used Engine Oil: Prior to removal from facility for recycling, this material is sampled as per 40 CFR 266. Analytical testing results are presented in APPENDIX C.

3. Used Engine Lube Oil Filters.

4. Underground wastewater pipes, their age and specification are: Piping materials are constructed of 0.25 inch steel schedule 80 grade B and are seamless.

A. All underground pipes are designed and constructed according to Transwestern's specifications. They are made of coated steel and connected to the facility rectifier system for corrosion control. The existing underground pipes were installed in 1996.

There is no on-site surface impoundment's, leach fields, injection wells, drying beds, pits, solid disposal, or land farms at this location.

### **5. Spill/Leak Prevention and Housekeeping Procedures**

A. SPCC Plan: Procedures addressing spill containment and cleanup, including proposed schedule for OCD notification of spills will be described in the facility's Spill Prevention Control and Countermeasures (SPCC) plan. This document is permanently filed on-set at the facility. The following contractors are presently used for disposal of the following liquid waste streams:

#### **a. Used lubrication and gear oil:**

Dial Oil Company  
500 East Broadway  
Aztec, New Mexico 87401  
(505) 325-2421

#### **b. Used Oil filters:**

Waste Management of Four Corners, New Mexico  
101 Spruce Street  
Farmington, New Mexico 87401  
(505) 327-6284

#### **c. Other solid waste:**

Waste Management of Four Corners, New Mexico  
101 Spruce Street  
Farmington, New Mexico  
(505) 327-6284

## **Bisti Compressor Station Discharge Plan**

page 6

### **d. Oily Waste Water**

Mesa Oil Company  
7239 Bardburn Blvd.  
West Minister, Colorado 80030

2. Housekeeping: Precipitation runoff is directed from the station facility. All chemicals and products are contained in sealed metal sided, absorbent floor, secondary containment.
3. Leak Detection: All aboveground tank systems are visually inspected monthly to detect leaks and ensure tank integrity. Visual sump inspections are performed annually.
4. Well System: There is no on-set well system.

## **IV. SITE CHARACTERISTICS**

### **A. Site Features**

The approximate 3.58 acre site is presently fenced for security measures. There is approximately 6 inches of relief across the extent of the property, sloping towards the east. Permanent buildings which are present on the site include: Compressor building, PCR building, and Auxiliary building,

The closest existing residential development is the Bisti Chapter House located 1/12 miles southeast of the facility.

### **Geology**

1. Geology. The Bisti Compressor Station is located in San Juan County in section 30, township 24 N, Range 13 W. The surficial geology at the site is the Cretaceous Fruitland Formation and Kirkland shale, undifferentiated. The Fruitland Formation and Kirkland Shale are composed of discontinuous, interbedded sandstone, siltstone, shale, carbonaceous shale, and coal. Neither formation is a good aquifer, but in places wells obtain small amounts of poor quality water from the sandstones. Underlying the Fruitland and Kirkland formations is the Pictured Cliffs Sandstone, consisting of an upper massive sandstone with a few thin beds of shale, and a lower section composed of relatively thin interbeds of shale and sandstone.

### **DRAINAGE AND FLOOD POTENTIAL**

The site vicinity drains to the South and southeast toward Hunter Wash. The compressor station site is located approximately 115 feet above the Hunter Wash bed and outside of the flood plain.

### **SOILS**

The compressor station site is located within the Sheppard - Huerfano - Notal soil complex. The topography is a gently sloping (D-8 percent ) plateau, at an approximate elevation of 5885 feet. The average precipitation for the area is about 8 inches.

The soil complex is comprised of 40 percent Sheppard loamy fine sand, 2 to 8 percent slopes; 80 percent Huerfano sandy clay loam, 0 to 3 percent slope; and 20 percent Notal clay loam, 0 to 2 percent slopes. These components are intricately intermingled within the complex.

## **Bisti Compressor Station Discharge Plan**

page 7

The Sheppard soil is deep, with rapid permeability, low available water holding capacity, slow runoff, and a slight water erosion hazard. The soil is derived from eolian material and has a severe soil blowing hazard.

The Huerfano soil is shallow and well drained, with moderately slow permeability, low available water holding capacity, medium runoff, and moderate water erosion hazard. The soil is formed alluvium and residuum derived dominantly from shale and siltstone and has a high soil blowing hazard.

The Notal soil is deep and well drained, with very slow permeability, high available water holding capacity, medium runoff, and moderate water erosion hazard. The soil is formed in alluvium derived dominantly from shale and has a severe soil blowing hazard.

## **VEGETATION**

Characteristic native vegetation on the Sheppard - Huerfano - Notal soil complex is identified below.

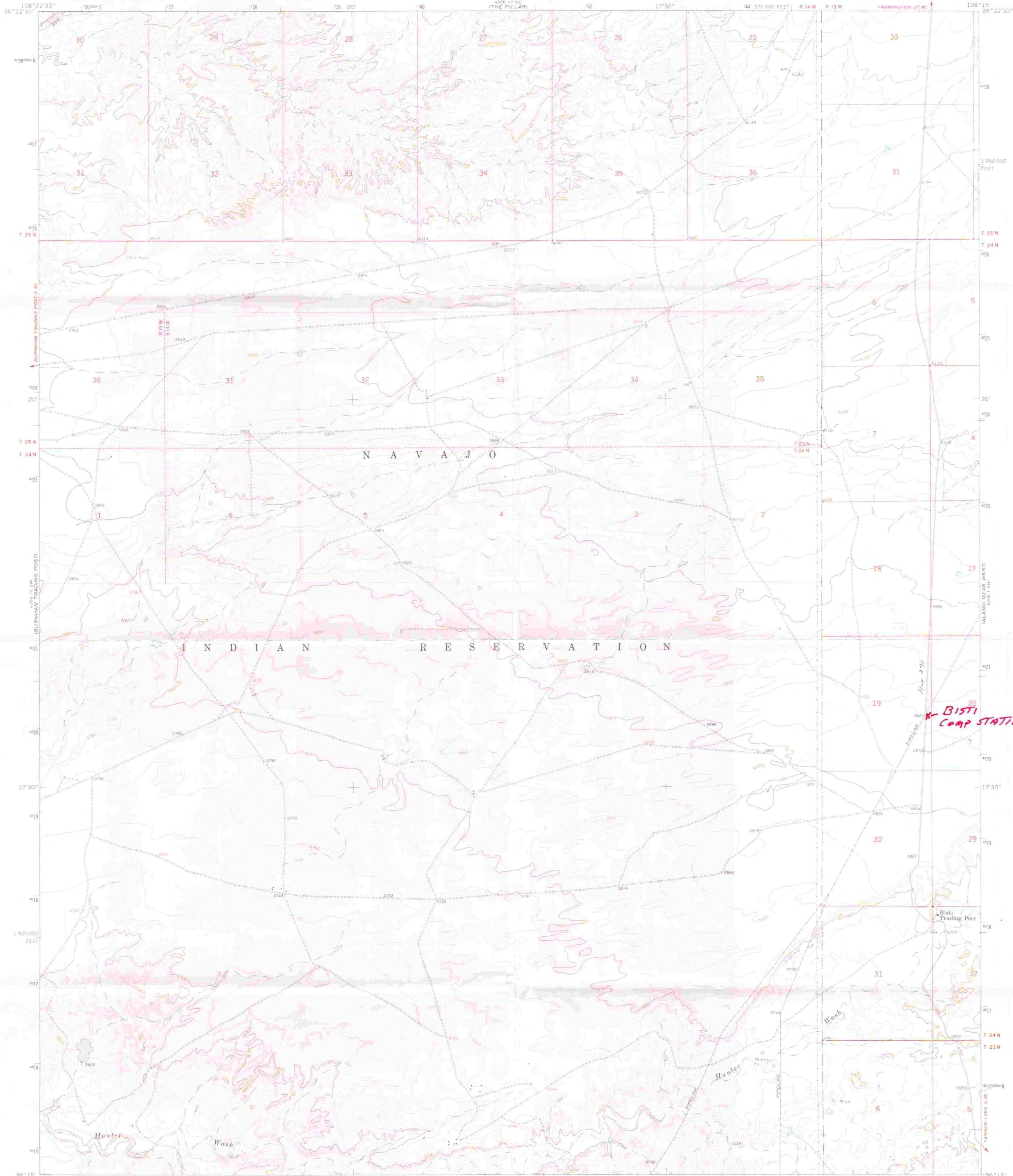
SOIL COMPONENT	CHARACTERISTIC VEGETATION	COMPOSITE IN PERCENT
SHEPPARD	INDIAN RICEGRASS	20
	GIANT DROPSEED	15
	ALKALI SACATON	15
	NEEDLEANDTHREAD	10
	SANDHILL MUHLY	5
	BOTTLEBRUSH SQUIRRELTAIL	5
	MORMON TEA	5
	SAND SAGEBRUSH	5
	FOURWING SALTBRUSH	5
HUERFANO	ALKALI SACATON	30
	FOURWING SALTBRUSH	15
	GALLETA	15
	BLACK GREASEWOOD	10
	SAND DROPSEED	5
	THREEAWN	5
	SHADSCALE	5
NOTAL	ALKALI SACATON	30
	GALLETA	15
	FOURWING SALTBRUSH	15
	BLACK GREASEWOOD	10
	SHADSCALE	10
	WESTERN WHEATGRASS	5
	BIG SAGEBRUSH	5

**APPENDIX A**



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

BISTI TRADING POST QUADRANGLE  
NEW MEXICO—SAN JUAN CO.  
7.5 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Topography by photogrammetric methods from aerial  
photographs taken 1965. Field checked 1966.  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on New Mexico coordinate system,  
west zone.  
1000-meter Universal Transverse Mercator grid ticks,  
zone 12, shown in blue.  
Where omitted, land lines have not been established.  
Dotted land lines established by Bureau of Indian Affairs Survey.  
To place on the predicted North American Datum 1983  
move the projection lines 1 meter north and  
56 meters east as shown by dashed corner ticks.

There may be private inholdings within the boundaries of  
the National or State reservations shown on this map.

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.

Map photoinspected 1978  
No major culture or drainage changes observed

BISTI TRADING POST, N. MEX.  
N3615—W10815/7.5  
1966  
PHOTOINSPECTED 1978  
DMA 4356 IV SE—SERIES V881



**APPENDIX B**





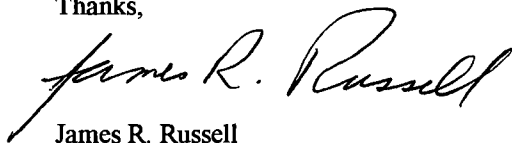
**APPENDIX C**

July 11, 1997

Mr. Pat Sanchez  
New Mexico Oil Conservation Division  
2040 South Pacheco  
Santa Fe, New Mexico 87505

The analytical on used lube oil for the Bisti Compressor station was not run properly. We have submitted new samples and as soon as the results have been received I will send you a copy.

Thanks,

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

**APPENDIX D**



LABORATORIES, INC.

## ANALYTICAL AND QUALITY CONTROL REPORT

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

05/20/1997

EPIC Job Number: 97.01833

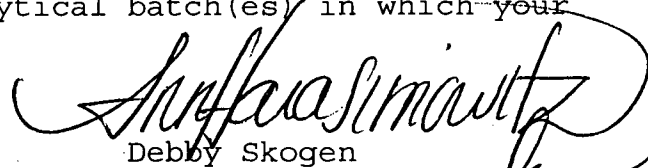
Page 1

Project Description: SJ023  
Job Description: Bisti Oily Waste H2O - Bisti

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

Sample Number	Sample Description	Date Taken	Time Taken	Date Received
332344	Oily Waste Water Bisiti, ID SJ023	05/05/1997	10:20	05/06/1997

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

  
Debby Skogen  
Project Coordinator

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

# ANALYTICAL RESULTS REPORT

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

05/20/1997

EPIC Job Number: 97.01833  
Sample Number: 332344

Page 2

Project Description: SJ023  
Job Description: Bisti Oily Waste H2O - Bisti

Sample Description: Oily Waste Water Bisiti, ID SJ023

Parameter	Flag	Result	Units	Analytical Method	Date Prepared	Date Analyzed	Analyst	Prep Batch Number	Run Batch Number	Reporting Limit
Flash Point, Pensky-Martens		410	F	ASTM-D93		05/13/1997	awl		113	
ACID EXTRACTABLES - 8270					05/12/1997					
Benzoic acid	EDL	<33,000	ug/kg	S-8270A		05/19/1997	dtw	550	340	33,000
Benzyl alcohol	EDL	<13,000	ug/kg	S-8270A		05/19/1997	dtw	550	340	13,000
4-Chloro-3-methylphenol	EDL	<13,000	ug/kg	S-8270A		05/19/1997	dtw	550	340	13,000
2-Chlorophenol	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
2,4-Dichlorophenol	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
2,4-Dimethylphenol	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
2,4-Dinitrophenol	EDL	<33,000	ug/kg	S-8270A		05/19/1997	dtw	550	340	33,000
4,6-Dinitro-2-methylphenol	EDL	<33,000	ug/kg	S-8270A		05/19/1997	dtw	550	340	33,000
2-Methylphenol (o-Cresol)	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
4-Methylphenol (p-Cresol)	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
2-Nitrophenol	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
4-Nitrophenol	EDL	<33,000	ug/kg	S-8270A		05/19/1997	dtw	550	340	33,000
Pentachlorophenol	EDL	<33,000	ug/kg	S-8270A		05/19/1997	dtw	550	340	33,000
Phenol	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
2,4,5-Trichlorophenol	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
2,4,6-Trichlorophenol	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
SURR: 2-Fluorophenol		36	% Rec	S-8270A		05/19/1997	dtw	550	340	25-121
SURR: Phenol-d5		46	% Rec	S-8270A		05/19/1997	dtw	550	340	24-113
SURR: 2,4,6-Tribromophenol		29	% Rec	S-8270A		05/19/1997	dtw	550	340	19-122
BASE/NEUTRALS - 8270					05/12/1997					
Acenaphthene	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
Acenaphthylene	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
Aniline	EDL	<13,000	ug/kg	S-8270A		05/19/1997	dtw	550	340	13,000
Anthracene	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
Benzidine	EDL	<33,000	ug/kg	S-8270A		05/19/1997	dtw	550	340	33,000
Benzo(a)anthracene	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
Benzo(b)fluoranthene	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
Benzo(k)fluoranthene	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
Benzo(g,h,i)perylene	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
Benzo(a)pyrene	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600

EDL - Elevated Detection Limit due to matrix interference.

# ANALYTICAL RESULTS REPORT

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

05/20/1997

EPIC Job Number: 97.01833  
Sample Number: 332344

Page 3

Project Description: SJ023  
Job Description: Bisti Oily Waste H2O - Bisti

Sample Description: Oily Waste Water Bisiti, ID SJ023

Parameter	Flag	Result	Units	Analytical Method	Date Prepared	Date Analyzed	Analyst	Prep Batch Number	Run Batch Number	Reporting Limit
Butyl benzyl phthalate	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
Bis(2-chloroethoxy)methane	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
Bis(2-chloroethyl)ether	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
Bis(2-chloroisopropyl)ether	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
Bis(2-ethylhexyl)phthalate	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
4-Bromophenyl phenyl ether	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
4-Chloroaniline	EDL	<13,000	ug/kg	S-8270A		05/19/1997	dtw	550	340	13,000
2-Chloronaphthalene	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
4-Chlorophenyl phenyl ether	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
Chrysene	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
Dibenz(a,h)anthracene	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
Dibenzofuran	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
Di-n-butyl phthalate	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
1,2-Dichlorobenzene	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
1,3-Dichlorobenzene	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
1,4-Dichlorobenzene	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
3,3'-Dichlorobenzidine	EDL	<13,000	ug/kg	S-8270A		05/19/1997	dtw	550	340	13,000
Diethyl phthalate	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
Dimethyl phthalate	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
2,4-Dinitrotoluene	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
2,6-Dinitrotoluene	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
Di-n-octyl phthalate	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
Fluoranthene	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
Fluorene	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
Hexachlorobenzene	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
Hexachlorobutadiene	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
Hexachlorocyclopentadiene	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
Hexachloroethane	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
Indeno(1,2,3-cd)pyrene	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
Isophorone	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
2-Methylnaphthalene	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
Naphthalene	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
2-Nitroaniline	EDL	<33,000	ug/kg	S-8270A		05/19/1997	dtw	550	340	33,000
3-Nitroaniline	EDL	<33,000	ug/kg	S-8270A		05/19/1997	dtw	550	340	33,000

EDL - Elevated Detection Limit due to matrix interference.

# ANALYTICAL RESULTS REPORT

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

05/20/1997

EPIC Job Number: 97.01833  
Sample Number: 332344

Page 4

Project Description: SJ023  
Job Description: Bisti Oily Waste H2O - Bisti

Sample Description: Oily Waste Water Bisiti, ID SJ023

Parameter	Flag	Result	Units	Analytical Method	Date Prepared	Date Analyzed	Analyst	Prep Batch Number	Run Batch Number	Reporting Limit
4-Nitroaniline	EDL	<13,000	ug/kg	S-8270A		05/19/1997	dtw	550	340	13,000
Nitrobenzene	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
N-Nitrosodimethylamine	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
N-Nitroso-di-n-propylamine	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
N-Nitrosodiphenylamine	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
Phenanthrene	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
Pyrene	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
1,2,4-Trichlorobenzene	EDL	<6,600	ug/kg	S-8270A		05/19/1997	dtw	550	340	6,600
SURR: 2-Fluorobiphenyl		57	% Rec	S-8270A		05/19/1997	dtw	550	340	30-115
SURR: Nitrobenzene-d5		53	% Rec	S-8270A		05/19/1997	dtw	550	340	23-120
SURR: Terphenyl-d14		125	% Rec	S-8270A		05/19/1997	dtw	550	340	18-137
VOA 8240 NONAQ.										
Acetone	EDL	<5,000	ug/kg	S-8240A		05/15/1997	dtw		487	5,000
Benzene	EDL	<200	ug/kg	S-8240A		05/15/1997	dtw		487	200
Bromodichloromethane	EDL	<200	ug/kg	S-8240A		05/15/1997	dtw		487	200
Bromoform	EDL	<200	ug/kg	S-8240A		05/15/1997	dtw		487	200
Bromomethane	EDL	<500	ug/kg	S-8240A		05/15/1997	dtw		487	500
2-Butanone (MEK)	EDL	<5,000	ug/kg	S-8240A		05/15/1997	dtw		487	5,000
Carbon disulfide	EDL	<5,000	ug/kg	S-8240A		05/15/1997	dtw		487	5,000
Carbon tetrachloride	EDL	<200	ug/kg	S-8240A		05/15/1997	dtw		487	200
Chlorobenzene	EDL	<200	ug/kg	S-8240A		05/15/1997	dtw		487	200
Chloroethane	EDL	<500	ug/kg	S-8240A		05/15/1997	dtw		487	500
2-Chloroethylvinyl ether	EDL	<1,000	ug/kg	S-8240A		05/15/1997	dtw		487	1,000
Chloroform	EDL	<200	ug/kg	S-8240A		05/15/1997	dtw		487	200
Chloromethane	EDL	<500	ug/kg	S-8240A		05/15/1997	dtw		487	500
Dibromochloromethane	EDL	<200	ug/kg	S-8240A		05/15/1997	dtw		487	200
1,1-Dichloroethane	EDL	<200	ug/kg	S-8240A		05/15/1997	dtw		487	200
1,2-Dichloroethane	EDL	<200	ug/kg	S-8240A		05/15/1997	dtw		487	200
1,1-Dichloroethene	EDL	<200	ug/kg	S-8240A		05/15/1997	dtw		487	200
trans-1,2-Dichloroethene	EDL	<200	ug/kg	S-8240A		05/15/1997	dtw		487	200
1,2-Dichloropropane	EDL	<200	ug/kg	S-8240A		05/15/1997	dtw		487	200
cis-1,3-Dichloropropene	EDL	<200	ug/kg	S-8240A		05/15/1997	dtw		487	200
trans-1,3-Dichloropropene	EDL	<200	ug/kg	S-8240A		05/15/1997	dtw		487	200

EDL - Elevated Detection Limit due to matrix interference.



# ANALYTICAL RESULTS REPORT

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

05/20/1997

EPIC Job Number: 97.01833  
Sample Number: 332344

Page 5

Project Description: SJ023  
Job Description: Bisti Oily Waste H2O - Bisti

Sample Description: Oily Waste Water Bisiti, ID SJ023

Parameter	Flag	Result	Units	Analytical Method	Date Prepared	Date Analyzed	Analyst	Prep Batch Number	Run Batch Number	Reporting Limit
Ethyl benzene	EDL	<200	ug/kg	S-8240A		05/15/1997	dtw		487	200
2-Hexanone	EDL	<2,500	ug/kg	S-8240A		05/15/1997	dtw		487	2,500
Methylene chloride	EDL	<200	ug/kg	S-8240A		05/15/1997	dtw		487	200
4-Methyl-2-pentanone (MIBK)	EDL	<2,500	ug/kg	S-8240A		05/15/1997	dtw		487	2,500
Styrene	EDL	<200	ug/kg	S-8240A		05/15/1997	dtw		487	200
1,1,2,2-Tetrachloroethane	EDL	<200	ug/kg	S-8240A		05/15/1997	dtw		487	200
Tetrachloroethene	EDL	<200	ug/kg	S-8240A		05/15/1997	dtw		487	200
Toluene	EDL	<200	ug/kg	S-8240A		05/15/1997	dtw		487	200
1,1,1-Trichloroethane	EDL	<200	ug/kg	S-8240A		05/15/1997	dtw		487	200
1,1,2-Trichloroethane	EDL	<200	ug/kg	S-8240A		05/15/1997	dtw		487	200
Trichloroethene	EDL	<200	ug/kg	S-8240A		05/15/1997	dtw		487	200
Vinyl acetate	EDL	<2,500	ug/kg	S-8240A		05/15/1997	dtw		487	2,500
Vinyl chloride	EDL	<500	ug/kg	S-8240A		05/15/1997	dtw		487	500
Xylenes, Total	EDL	<200	ug/kg	S-8240A		05/15/1997	dtw		487	200
SURR: 1,2-Dichloroethane-d4		100	% Rec	S-8240A		05/15/1997	dtw		487	70-121
SURR: Toluene-d8		93	% Rec	S-8240A		05/15/1997	dtw		487	81-117
SURR: 4-Bromofluorobenzene		100	% Rec	S-8240A		05/15/1997	dtw		487	74-121

EDL - Elevated Detection Limit due to matrix interference.

# QUALITY CONTROL REPORT BLANKS

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

05/20/1997

EPIC Job Number: 97.01833

Project Description: SJ023  
Job Description: Bisti Oily Waste H2O - Bisti

Parameter	Flag	Blank Result	Units	Reporting Limit	Date Analyzed	Prep Batch Number	Run Batch Number
ACID EXTRACTABLES - 8270							
Benzoic acid		<3300	ug/kg	3300	05/19/1997	550	340
Benzyl alcohol		<1300	ug/kg	1300	05/19/1997	550	340
4-Chloro-3-methylphenol		<1300	ug/kg	1300	05/19/1997	550	340
2-Chlorophenol		<660	ug/kg	660	05/19/1997	550	340
2,4-Dichlorophenol		<660	ug/kg	660	05/19/1997	550	340
2,4-Dimethylphenol		<660	ug/kg	660	05/19/1997	550	340
2,4-Dinitrophenol		<3300	ug/kg	3300	05/19/1997	550	340
4,6-Dinitro-2-methylphenol		<3300	ug/kg	3300	05/19/1997	550	340
2-Methylphenol (o-Cresol)		<660	ug/kg	660	05/19/1997	550	340
4-Methylphenol (p-Cresol)		<660	ug/kg	660	05/19/1997	550	340
2-Nitrophenol		<660	ug/kg	660	05/19/1997	550	340
4-Nitrophenol		<3300	ug/kg	3300	05/19/1997	550	340
Pentachlorophenol		<3300	ug/kg	3300	05/19/1997	550	340
Phenol		<660	ug/kg	660	05/19/1997	550	340
2,4,5-Trichlorophenol		<660	ug/kg	660	05/19/1997	550	340
2,4,6-Trichlorophenol		<660	ug/kg	660	05/19/1997	550	340
BASE/NEUTRALS - 8270							
Acenaphthene		<660	ug/kg	660	05/19/1997	550	340
Acenaphthylene		<660	ug/kg	660	05/19/1997	550	340
Aniline		<1300	ug/kg	1300	05/19/1997	550	340
Anthracene		<660	ug/kg	660	05/19/1997	550	340
Benzidine		<3300	ug/kg	3300	05/19/1997	550	340
Benzo(a)anthracene		<660	ug/kg	660	05/19/1997	550	340
Benzo(b)fluoranthene		<660	ug/kg	660	05/19/1997	550	340
Benzo(k)fluoranthene		<660	ug/kg	660	05/19/1997	550	340

All parameters should be less than the reporting limit.

# QUALITY CONTROL REPORT BLANKS

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

05/20/1997

EPIC Job Number: 97.01833

Project Description: SJ023  
Job Description: Bisti Oily Waste H2O - Bisti

Parameter	Flag	Blank Result	Units	Reporting Limit	Date Analyzed	Prep Batch Number	Run Batch Number
Benzo(g,h,i)perylene		<660	ug/kg	660	05/19/1997	550	340
Benzo(a)pyrene		<660	ug/kg	660	05/19/1997	550	340
Butyl benzyl phthalate		<660	ug/kg	660	05/19/1997	550	340
Bis(2-chloroethoxy)methane		<660	ug/kg	660	05/19/1997	550	340
Bis(2-chloroethyl)ether		<660	ug/kg	660	05/19/1997	550	340
Bis(2-chloroisopropyl)ether		<660	ug/kg	660	05/19/1997	550	340
Bis(2-ethylhexyl)phthalate		<660	ug/kg	660	05/19/1997	550	340
4-Bromophenyl phenyl ether		<660	ug/kg	660	05/19/1997	550	340
4-Chloroaniline		<1300	ug/kg	1300	05/19/1997	550	340
2-Chloronaphthalene		<660	ug/kg	660	05/19/1997	550	340
4-Chlorophenyl phenyl ether		<660	ug/kg	660	05/19/1997	550	340
Chrysene		<660	ug/kg	660	05/19/1997	550	340
Dibenz(a,h)anthracene		<660	ug/kg	660	05/19/1997	550	340
Dibenzofuran		<660	ug/kg	660	05/19/1997	550	340
Di-n-butyl phthalate		<660	ug/kg	660	05/19/1997	550	340
1,2-Dichlorobenzene		<660	ug/kg	660	05/19/1997	550	340
1,3-Dichlorobenzene		<660	ug/kg	660	05/19/1997	550	340
1,4-Dichlorobenzene		<660	ug/kg	660	05/19/1997	550	340
3,3'-Dichlorobenzidine		<1300	ug/kg	1300	05/19/1997	550	340
Diethyl phthalate		<660	ug/kg	660	05/19/1997	550	340
Dimethyl phthalate		<660	ug/kg	660	05/19/1997	550	340
2,4-Dinitrotoluene		<660	ug/kg	660	05/19/1997	550	340
2,6-Dinitrotoluene		<660	ug/kg	660	05/19/1997	550	340
Di-n-octyl phthalate		<660	ug/kg	660	05/19/1997	550	340
Fluoranthene		<660	ug/kg	660	05/19/1997	550	340
Fluorene		<660	ug/kg	660	05/19/1997	550	340
Hexachlorobenzene		<660	ug/kg	660	05/19/1997	550	340
Hexachlorobutadiene		<660	ug/kg	660	05/19/1997	550	340

All parameters should be less than the reporting limit.

# QUALITY CONTROL REPORT BLANKS

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

05/20/1997

EPIC Job Number: 97.01833

Project Description: SJ023  
Job Description: Bisti Oily Waste H2O - Bisti

Parameter	Flag	Blank Result	Units	Reporting Limit	Date Analyzed	Prep Batch Number	Run Batch Number
Hexachlorocyclopentadiene		<660	ug/kg	660	05/19/1997	550	340
Hexachloroethane		<660	ug/kg	660	05/19/1997	550	340
Indeno(1,2,3-cd)pyrene		<660	ug/kg	660	05/19/1997	550	340
Isophorone		<660	ug/kg	660	05/19/1997	550	340
2-Methylnaphthalene		<660	ug/kg	660	05/19/1997	550	340
Naphthalene		<660	ug/kg	660	05/19/1997	550	340
2-Nitroaniline		<3300	ug/kg	3300	05/19/1997	550	340
3-Nitroaniline		<3300	ug/kg	3300	05/19/1997	550	340
4-Nitroaniline		<1300	ug/kg	1300	05/19/1997	550	340
Nitrobenzene		<660	ug/kg	660	05/19/1997	550	340
N-Nitrosodimethylamine		<660	ug/kg	660	05/19/1997	550	340
N-Nitroso-di-n-propylamine		<660	ug/kg	660	05/19/1997	550	340
N-Nitrosodiphenylamine		<660	ug/kg	660	05/19/1997	550	340
Phenanthrene		<660	ug/kg	660	05/19/1997	550	340
Pyrene		<660	ug/kg	660	05/19/1997	550	340
1,2,4-Trichlorobenzene		<660	ug/kg	660	05/19/1997	550	340
VOA 8240 NONAQ.							
Acetone		<100	ug/kg	100	05/15/1997		487
Benzene		<5	ug/kg	5	05/15/1997		487
Bromodichloromethane		<5	ug/kg	5	05/15/1997		487
Bromoform		<5	ug/kg	5	05/15/1997		487
Bromomethane		<10	ug/kg	10	05/15/1997		487
2-Butanone (MEK)		<100	ug/kg	100	05/15/1997		487
Carbon disulfide		<100	ug/kg	100	05/15/1997		487
Carbon tetrachloride		<5	ug/kg	5	05/15/1997		487
Chlorobenzene		<5	ug/kg	5	05/15/1997		487
Chloroethane		<10	ug/kg	10	05/15/1997		487
2-Chloroethylvinyl ether		<20	ug/kg	20	05/15/1997		487

All parameters should be less than the reporting limit.

# QUALITY CONTROL REPORT BLANKS

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

05/20/1997

EPIC Job Number: 97.01833

Project Description: SJ023  
Job Description: Bisti Oily Waste H2O - Bisti

Parameter	Flag	Blank Result	Units	Reporting Limit	Date Analyzed	Prep Batch Number	Run Batch Number
Chloroform		<5	ug/kg	5	05/15/1997		487
Chloromethane		<10	ug/kg	10	05/15/1997		487
Dibromochloromethane		<5	ug/kg	5	05/15/1997		487
1,1-Dichloroethane		<5	ug/kg	5	05/15/1997		487
1,2-Dichloroethane		<5	ug/kg	5	05/15/1997		487
1,1-Dichloroethene		<5	ug/kg	5	05/15/1997		487
trans-1,2-Dichloroethene		<5	ug/kg	5	05/15/1997		487
1,2-Dichloropropane		<5	ug/kg	5	05/15/1997		487
cis-1,3-Dichloropropene		<5	ug/kg	5	05/15/1997		487
trans-1,3-Dichloropropene		<5	ug/kg	5	05/15/1997		487
Ethyl benzene		<5	ug/kg	5	05/15/1997		487
2-Hexanone		<50	ug/kg	50	05/15/1997		487
4-Methyl-2-pentanone (MIBK)		<50	ug/kg	50	05/15/1997		487
Methylene chloride		<5	ug/kg	5	05/15/1997		487
Styrene		<5	ug/kg	5	05/15/1997		487
1,1,2,2-Tetrachloroethane		<5	ug/kg	5	05/15/1997		487
Tetrachloroethene		<5	ug/kg	5	05/15/1997		487
Toluene		<5	ug/kg	5	05/15/1997		487
1,1,1-Trichloroethane		<5	ug/kg	5	05/15/1997		487
1,1,2-Trichloroethane		<5	ug/kg	5	05/15/1997		487
Trichloroethene		<5	ug/kg	5	05/15/1997		487
Vinyl acetate		<50	ug/kg	50	05/15/1997		487
Vinyl chloride		<10	ug/kg	10	05/15/1997		487
Xylenes, Total		<5	ug/kg	5	05/15/1997		487

All parameters should be less than the reporting limit.

# QUALITY CONTROL REPORT CONTINUING CALIBRATION VERIFICATION STANDARD

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

05/20/1997

EPIC Job Number: 97.01833

Project Description: SJ023  
Job Description: Bisti Oily Waste H2O - Bisti

Parameter	Flag	CCVS True Concentration	Units	CCVS Concentration Found	CCVS Percent Recovery	Date Analyzed	Run Batch Number
ACID EXTRACTABLES - 8270							
4-Chloro-3-methylphenol		50	ug/kg	49	98.0	05/19/1997	340
2,4-Dichlorophenol		50	ug/kg	42	84.0	05/19/1997	340
2-Nitrophenol		50	ug/kg	49	98.0	05/19/1997	340
Pentachlorophenol		50	ug/kg	40	80.0	05/19/1997	340
Phenol		50	ug/kg	51	102.0	05/19/1997	340
2,4,6-Trichlorophenol		50	ug/kg	46	92.0	05/19/1997	340
BASE/NEUTRALS - 8270							
Acenaphthene		50	ug/kg	49	98.0	05/19/1997	340
Benzo(a)pyrene		50	ug/kg	48	96.0	05/19/1997	340
1,4-Dichlorobenzene		50	ug/kg	49	98.0	05/19/1997	340
Di-n-octyl phthalate		50	ug/kg	48	96.0	05/19/1997	340
Fluoranthene		50	ug/kg	50	100.0	05/19/1997	340
Hexachlorobutadiene		50	ug/kg	53	106.0	05/19/1997	340
N-Nitrosodiphenylamine		50	ug/kg	52	104.0	05/19/1997	340
VOA 8240 NONAQ.							
Chloroform		20	ug/kg	18	90.0	05/15/1997	487
1,1-Dichloroethene		20	ug/kg	16	80.0	05/15/1997	487
1,2-Dichloropropane		20	ug/kg	16	80.0	05/15/1997	487
Ethyl benzene		20	ug/kg	19	95.0	05/15/1997	487
Toluene		20	ug/kg	18	90.0	05/15/1997	487
Vinyl chloride		20	ug/kg	24	120.0	05/15/1997	487

CCVS - Continuing Calibration Verification Standard

# QUALITY CONTROL REPORT MATRIX SPIKE/MATRIX SPIKE DUPLICATE

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

05/20/1997

EPIC Job Number: 97.01833

Project Description: SJ023

Job Description: Bisti Oily Waste H2O - Bisti

Parameter	Flag	Units	Spike Matrix MS			Duplicate				Date Analyzed	Prep Batch Number	Run Batch Number	
			Sample Result	Amount Added	Spike Result	MS Percent Recovery	Spike Amount Added	MSD Result	MSD Percent Recovery				
													MS/MSD RPD
VOA 8240 NONAQ.													
Benzene	EDL	ug/kg	<200	20.0	20	100.0	20.0	24	120.0	18.2	05/15/1997		487
Chlorobenzene	EDL	ug/kg	<200	20.0	21	105.0	20.0	17	85.0	21.0	05/15/1997		487
1,1-Dichloroethene	EDL	ug/kg	<200	20.0	18	90.0	20.0	17	85.0	5.7	05/15/1997		487
Toluene	EDL	ug/kg	<200	20.0	20	100.0	20.0	18	90.0	10.4	05/15/1997		487
Trichloroethene	EDL	ug/kg	<200	20.0	19	95.0	20.0	18	90.0	5.4	05/15/1997		487

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

EDL - Elevated Detection Limit due to matrix interference.

# QUALITY CONTROL REPORT LABORATORY CONTROL STANDARD

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

05/20/1997

EPIC Job Number: 97.01833

Project Description: SJ023  
Job Description: Bisti Oily Waste H2O - Bisti

Analyte	Prep Batch No.	Run Batch No.	LCS True Conc	Units	LCS Conc Found	LCS % Rec.	LCS Dup Conc. Found	LCS Dup % Rec	LCS % RPD	Flag	Date Analyzed
Flash Point, Pensky-Martens		113	125	F	125	100.0					04/30/1997
ACID EXTRACTABLES - 8270											
4-Chloro-3-methylphenol	550	340	10	ug/kg	10.9	109.0	10.5	105.0	3.7		05/19/1997
2-Chlorophenol	550	340	10	ug/kg	10.6	106.0	9.8	98.0	7.7		05/19/1997
4-Nitrophenol	550	340	10	ug/kg	6.9	69.0	5.9	59.0	15.6		05/19/1997
Pentachlorophenol	550	340	10	ug/kg	4.7	47.0	5.2	52.0	10.1		05/19/1997
Phenol	550	340	10	ug/kg	10.9	109.0	10.4	104.0	4.7		05/19/1997
BASE/NEUTRALS - 8270											
Acenaphthene	550	340	10	ug/kg	11.5	115.0	10.4	104.0	10.0		05/19/1997
1,4-Dichlorobenzene	550	340	10	ug/kg	11	110.0	10.6	106.0	3.7		05/19/1997
2,4-Dinitrotoluene	550	340	10	ug/kg	9.4	94.0	8.9	89.0	5.5		05/19/1997
N-Nitroso-di-n-propylamine	550	340	10	ug/kg	10.9	109.0	10.2	102.0	6.6		05/19/1997
Pyrene	550	340	10	ug/kg	10.6	106.0	10.1	101.0	4.8		05/19/1997
1,2,4-Trichlorobenzene	550	340	10	ug/kg	10.8	108.0	10.2	102.0	5.7		05/19/1997
VOA 8240 NONAQ.											
Benzene		487	20.0	ug/kg	19.0	95.0					05/15/1997
Chlorobenzene		487	20.0	ug/kg	20.0	100.0					05/15/1997
1,1-Dichloroethene		487	20.0	ug/kg	19.0	95.0					05/15/1997
Toluene		487	20.0	ug/kg	21.0	105.0					05/15/1997
Trichloroethene		487	20.0	ug/kg	20.0	100.0					05/15/1997

LCS - Laboratory Control Standard

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



