

GW - 49

**GENERAL
CORRESPONDENCE**

YEAR(S):

1999-1992

AFFIDAVIT OF PUBLICATION

Ad No. 41763

STATE OF NEW MEXICO

County of San Juan:

ALETHIA ROTH LISBERGER, 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):

Friday, September 24, 1999

and the cost of publication is: \$96.60

Alethia Rothlisberger

On 9/30/99 ALETHIA ROTH LISBERGER

appeared before me, whom I know personally to be the person who signed the above document.

Christine X. Dwyer

My Commission Expires May 3, 2003.

COPY OF PUBLICATION

918

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 renewal 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-049) - EL PASO, NATURAL GAS Company, Mr. Richard Duarte, P.O. Box 1492, El Paso, Texas, 79978 has submitted a renewal application for the previously approved discharge plan for their BLANCO PLANT facility located in Section 14, Township 29 North, Range 11 West, San Juan County, near Bloomfield New Mexico. Approximately 120,000 gallons per day of process waste water with a total dissolved solids concentration of less than 600 mg/l is discharged to the City of Bloomfield public owned treatment works (POTW). Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface varies in depth from 14 feet to 39 feet. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-001) Bloomfield Refining Company, Lynn Shelton, P.O. Box 159, Bloomfield, New Mexico 87413, has submitted a renewal application for the previously approved discharge plan for its Bloomfield Petroleum Refinery located in the NW/4 NE/4 and the S/2 NE/4 and the N/2 NW/4 SW/4 and the SE/4 NW/4 SW/4 and the NE/4 SW/4 of Section 28, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. The renewal application consist of methods and procedures for handling products, waste, waste water management, and site investigation/abatement plans. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface varies in depth from 10 feet to 30 feet and is a water zone directly caused by seepage from Hammond Ditch. The ditch water has a total dissolved solids concentration of approximately 200 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 or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Requests for public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 16th day of September, 1999.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

/s/ Roger Candelaria
LORI WROTENBERY, Director

SEAL

Legal No. 41763, published in The Daily Times, Farmington, New Mexico, Friday, September 24, 1999.

**NOTICE OF
PUBLICATION**

**STATE OF NEW MEXICO
ENERGY, MINERALS
AND NATURAL RE-
SOURCES DEPARTMENT
OIL CONSERVATION DI-
VISION**

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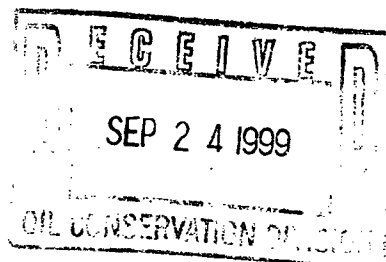
waste water management, and site investigation/abatement plans. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface varies in depth from 10 feet to 30 feet and is a water zone directly caused by seepage from Hammond Ditch. The ditch water has a total dissolved solids concentration of approximately 200 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 my submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m. Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Requests for public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 16th day of September 1999.
STATE OF NEW MEXICO
OIL CONSERVATION
DIVISION
LORI WROTENBERY,
DIRECTOR

Legal #66104
Pub. September 22, 1999





NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

NOTICE OF PUBLICATION

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

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STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

LORI WROTENBERY, Director

SEAL



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

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

February 24, 1999

CERTIFIED MAIL
RETURN RECEIPT NO. P 288 259 101

Mr. Richard Duarte
El Paso Field Services
El Paso Natural Gas Company
3801 Atrisco Blvd.
Albuquerque NW, New Mexico 87120

RE: Discharge Plan GW-049 Renewal
El Paso Field Services
El Paso Natural Gas
Blanco Plant Compressor facility
San Juan County, New Mexico

On March 13, 1995, the groundwater discharge plan, GW-049, for the El Paso Field Services - Blanco Plant Compresor facility located in Section 14, Township 29 North, Range 11 West, San Juan County, New Mexico, was approved by the Director of the New Mexico Oil Conservation Division (OCD). This discharge plan was required and submitted pursuant to Water Quality Control Commission (WQCC) regulations and was approved for a period of five years. The approval will expire on August 21, 1999.

If the facility continues to have potential or actual effluent or leachate discharges and wishes to continue operation, the discharge plan must be renewed. Pursuant to Section 3106.F., if an application for renewal is submitted at least 120 days before the discharge plan expires then the existing approved discharge plan for the same activity shall not expire until the application for renewal has been approved or disapproved. The deadline for the 120 days will be on April 4, 1999. The OCD reviews discharge plan submittals and renewals carefully and the review time can extend for several weeks to months.

Mr. Richard Duarte

February 25, 1999

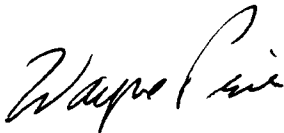
Page 2

The discharge plan renewal application for the El Paso Field Services Blanco Plant Compressor facility is subject to WQCC Regulation 3114. Every billable facility submitting a discharge plan renewal will be assessed a fee equal to the filing fee of \$50.00 plus a flat fee equal to one-half of the original flat fee, or six-hundred and ninety dollars (\$690.000) for compressor stations with a combined horsepower of greater than 3000 hp. The \$50.00 filing fee is to be submitted with the discharge plan renewal application and is nonrefundable.

Please make all checks payable to: **NMED-Water Quality Management** and addressed to the OCD Santa Fe Office. Please submit the original discharge plan renewal application and one copy to the OCD Santa Fe Office and one copy to the OCD Aztec District Office. **Note that the completed and signed application form must be submitted with your discharge plan renewal request.** Copies of the discharge plan application form and guidelines are enclosed to aid you in preparing the renewal application. A complete copy of the regulations is also available on the New Mexico Environment Department's website at (www.nmenv.state.nm.us/).

If the El Paso Field Services Blanco Plant Compressor facility no longer has any actual or potential discharges and a discharge plan is not needed, please notify this office. If you have any questions please do not hesitate to contact me at (505) 827-7155.

Sincerely,



Wayne Price-Environmental Bureau

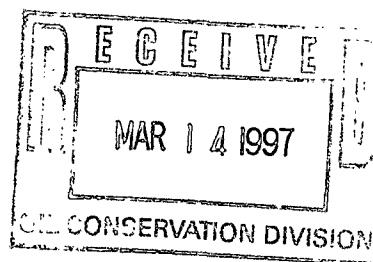
file: gw049_6mo.not

Attachments: 2

cc: OCD Aztec District Office

March 12, 1997

Mr. Denny Foust
New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, NM 87410



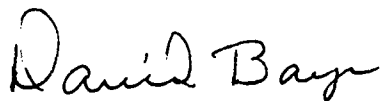
Dear Denny:

Enclosed please find the analytical data for samples collected in and below two old sumps at the El Paso Natural Gas Co. Blanco Plant. As you can see from the sample coring logs, no groundwater was encountered during the sampling. Since the analyses indicate that the contamination from the old sumps has not migrated downward to the water table, EPNG plans to remediate the two sumps in accordance with the routine pit closure requirements.

Contaminated soils will be excavated until the residual in the soil is less than 100 milligrams per kilogram total petroleum hydrocarbons, or to the maximum extent practical. Maximum extent practical will be based on proximity of the excavation to active plant equipment and the "reach" of the excavation equipment. When remediation is completed, the excavations will be backfilled with clean fill dirt and re-contoured to match the natural slope of the area. The contaminated soils will be transported to a commercial landfarm for disposal.

We are currently requesting a contractor's proposal for the excavation, disposal, and backfilling. We will notify you by telephone once we have set a start date for the clean up. If you need any additional information, or have any questions about the project, please call me at 599-2256, or Ricky Cosby at 599-2158.

Sincerely yours,

A handwritten signature in cursive script that reads "David Bays".

David Bays

cc: Bill Olson - NMOCD, Santa Fe
Lyndell Smith
S. D. Miller/R. D. Cosby/R. Duarte/Blanco Plant Sump Project file

February 14, 1997

ANALYTICAL REPORT

**Blanco Plant
Skimmer Pond Drilling Analytical Results
Lab Sample #'s 970053 to 970057
Sampled 2/4/97
Sampled by Cory Chance, Philip Env.**

REMARKS:

All sample results were less than New Mexico OCD Guidelines for Hydrocarbon Contamination.

Distribution: David Bays
Results Log Book

Attachments:

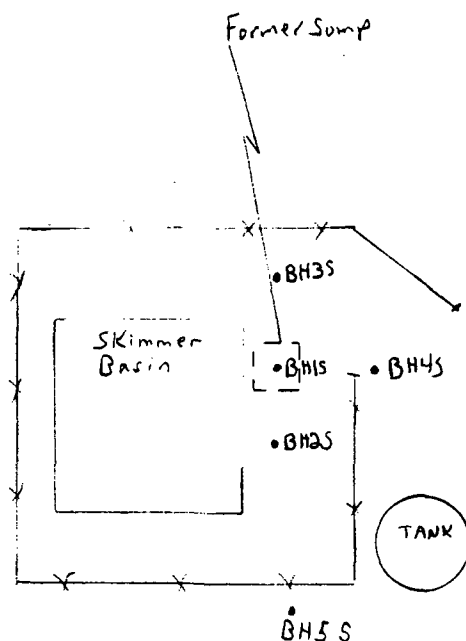


SITE SKETCH

Serial No. SS-

Title Skimmer SumpProject Name EPFS Blanco DrillingProject No. 17404Project Manager CM ChancePhase/Task No. 6001.77Client Company EPFSSite Name Skimmer Sump, Blanco PlantSite Address Blanco Plant, Bloomfield, N.M.

(Include north arrow and scale or dimensions. If available, preprint CAD drawing of site on this form.)



Sketched by (signature)

CM Chance

Date

2/4/97

RECORD OF SUBSURFACE EXPLORATION

PHILIP ENVIRONMENTAL

4000 Monroe Road

Farmington, New Mexico 87401

(505) 326-2262 FAX (505) 326-2388

Borehole # BH-15
Well # _____
Page 1 of 1

Project Name EPFS Blanco
Project Number 17404 Phase 6001
Project Location Blanco Plant

Elevation _____
Borehole Location SKLump Sump (Center of Excavation)
GWL Depth N/A
Logged By CM Chance
Drilled By K. Padilla
Date/Time Started 2/4/97-0820
Date/Time Completed 2/4/97-0945

Well Logged By CM Chance
Personnel On-Site D. Charlie, C. Maez
Contractors On-Site _____
Client Personnel On-Site _____

Drilling Method 4 1/2" I.D. HSA
Air Monitoring Method PID

Depth (Feet)	Sample Number	Sample Interval	Sample Type & Recovery (inches)	Sample Description Classification System: USCS	USCS Symbol	Depth Lithology Change (feet)	Air Monitoring Units: NDU BZ BH S			Drilling Conditions & Blow Counts
0										
5	1	5-7	24	Gry sandy CLAY, soft, med plastic, sl moist, true sand			0		18-0825 255	
10	2	10-12	24	AA			0		19-0832 280	
15	3	15-17	18	Gry SAND, F-med sand, loose, sl moist Gry CLAY, stiff, high plastic, dry			0		55-0837 307	
20	4	20-22	24	AA Gry SAND, F-med sand, loose, sl moist, grades to clayey SAND					15-0842 103	
25	5	25-27	24	Lt Br SAND, F-med sand, med dense, sl moist					4-0850 11	Visually "clean"
30	6	30-32	24	DK Br CLAY, v. stiff, med plastic, gypsum parting					7-0859 8	SAMPLE
				TDB 32'						
35										
40										

Comments:

Collect lab sample (cm (294) From 20-22' (BTEX, TOH). BH grouted to surface

Geologist Signature _____

RECORD OF SUBSURFACE EXPLORATION

PHILIP ENVIRONMENTAL SERVICES INC.

4000 Monroe Road

Farmington, New Mexico 87401

(505) 326-2262 FAX (505) 326-2388

Borehole # BH-25

Well # _____

Page 1 of 1

Project Name EPFS Blanco

Project Number 17404 Phase 6001-77

Project Location Blanco Plant

Elevation _____

Borehole Location Skimmer Sump (S.O.F. Excavation)

GWL Depth N/A

Logged By C.M. Chance

Drilled By R Padilla

Date/Time Started 2/3/97-1515

Date/Time Completed 2/3/97-1630

Well Logged By C.M. Chance

Personnel On-Site D. Charlie, C. Marez

Contractors On-Site _____

Client Personnel On-Site _____

Drilling Method 4 1/4 I.D. HSA

Air Monitoring Method PID

Depth (Feet)	Sample Number	Sample Interval	Sample Type & Recovery (inches)	Sample Description Classification System: USCS	USCS Symbol	Depth Lithology Change (feet)	Air Monitoring Units: PPM		Drilling Conditions & Blow Counts
							BZ	BH	
0									
5	1	5-7	24	DK gry - blk sandy CLAY, soft, low-med plastic, sl moist			0	4/58	-1330
10	2	10-12	24	DK gry sandy CLAY, soft, low plastic, tr F-VF sand, sl moist			0	48/210	-1538
15	3	15-17	24	DK gry SAND, F-med, loose, sl moist			0	51/170	-1543
20	4	20-22	24	Br sandy CLAY, soft, med plastic sl moist			0	9/21	-1550
				Br SAND, VF-F sand, loose, sl moist					-Visibly "cleaner"
25	5	25-27	24	AA			0	1/5	-1555
				Br sandy CLAY, soft, low-med plastic, sl moist, tr VF sand					Sample
				TDB 27'					
30									
35									
40									

Comments:

Collect lab sample (cmc 293) From 25-27' & submit for
BTEX/TAH. BH grouted to surface

Geologist Signature _____

RECORD OF SUBSURFACE EXPLORATION

Borehole # BH-35
Well # _____
Page 1 of 1

PHILIP ENVIRONMENTAL

4000 Monroe Road
Farmington, New Mexico 87401
(505) 326-2262 FAX (505) 326-2388

Project Name EPFS Blanco
Project Number 17404 Phase 6001
Project Location Blanco Plant

Elevation _____
Borehole Location SKimmer Sump (No Excavation)
GWL Depth 29.65' BGS
Logged By C.M. Chance
Drilled By K. Padilla
Date/Time Started 2/4/97 - 1000
Date/Time Completed 2/4/97 - 1130

Well Logged By C.M. Chance
Personnel On-Site A. Charlie, C. Maerz
Contractors On-Site _____
Client Personnel On-Site _____
Drilling Method 4 1/2" ID HSA
Air Monitoring Method PID

Depth (Feet)	Sample Number	Sample Interval	Sample Type & Recovery (inches)	Sample Description Classification System: USCS	USCS Symbol	Depth Lithology Change (feet)	Air Monitoring Units: NDU			Drilling Conditions & Blow Counts
							BZ	BH	S	
0										
5	1	5-7	24	Br CLAY, soft, med plastic, sl moist			0			84 - 1005
10	2	10-12	24	dk sandy CLAY, stiff, med plastic, sl moist			0			19/66 - 1015
15	3	15-17	24	AA			0			32/178 - 1019
20	4	20-22	24	AA			0			8/66 - 1030
25	5	25-27	24	Lt Br SAND, f-med sand, loose-med dense, sl moist			0			0/5 sample 1038 "Visually clean"
30	6	30-32	24	Lt Br SAND, f-med sand, loose, V. moist			0			-GW @ 29.65' BGS 0/0 - 1047 Sample
35				TDB32.						
40										

Comments: Hit GW @ ~29' BGS. Will submit 30-32" sample for BTEX, TPH dup
to encasing GW. (CMC 295). Will not install well. BH grouted
to surface. (Backfilled w/ 3' bentonite before grouting)
Will also submit sample from 25-27. (CMC 296)
Geologist Signature _____

RECORD OF SUBSURFACE EXPLORATION

PHILIP ENVIRONMENTAL SERVICES INC.

4000 Monroe Road

Farmington, New Mexico 87401

(505) 326-2262 FAX (505) 326-2388

Borehole # BH45
Well # _____
Page 1 of 1

Project Name EPFS-Blanco
Project Number 17404 Phase 6001.77
Project Location Blanco Plant

Elevation _____
Borehole Location Skimmer Sump (Center of Excavation)
GWL Depth NA E. of Excavation
Logged By C.M. Chance
Drilled By K. Padilla
Date/Time Started 2/4/97 - 1210
Date/Time Completed 2/4/97 - 1220

Well Logged By C.M. Chance
Personnel On-Site D. Charlie, C.M. Chance
Contractors On-Site _____
Client Personnel On-Site _____
Drilling Method 4 1/2 I.D. HSY
Air Monitoring Method PID

Depth (Feet)	Sample Number	Sample Interval	Sample Type & Recovery (inches)	Sample Description Classification System: USCS	USCS Symbol	Depth Lithology Change (feet)	Air Monitoring Units: PPM		Drilling Conditions & Blow Counts
							BZ	BH	
0									
5	1	5-7	24	Gray sandy CLAY, med stiff, med plastic, sl moist			0	47/340	1301
10	2	10-12	24	Gray CLAY, med stiff, med plastic, sl moist			0	34/335	1308
15	3	15-17	24	AA			0	39/318	1311
20	4	20-22	24	AA Br SAND, F-med, loose, sl moist				0/2	1316 -visibly "cleaner"
25	5	25-27	24	Br clayey SAND, VF-F, tr med sand, loose-med dense, sl moist				0/3	1319 sandy
30				TOB27'					
35									
40									

Comments:

Collect sample (YMC 297) From 25-27' For BTEX, TPH. BH
granted to surface.

Geologist Signature _____

RECORD OF SUBSURFACE EXPLORATION

PHILIP ENVIRONMENTAL

4000 Monroe Road

Farmington, New Mexico 87401

(505) 326-2262 FAX (505) 326-2388

Borehole # BH-55
Well # _____
Page 1 of 1

Project Name EPFS Blanco
Project Number 17404 Phase 6001
Project Location Blanco Plant

Elevation _____
Borehole Location SKinner Sump (S. of BHI)
GWL Depth N/A
Logged By CM Chance
Drilled By K. Padilla
Date/Time Started 2/4/97 - 1410
Date/Time Completed 2/4/97 - 1600

Well Logged By CM Chance
Personnel On-Site D. Charlie, CMaez
Contractors On-Site _____
Client Personnel On-Site _____
Drilling Method 4 1/2 I.D. HSA
Air Monitoring Method PID

Depth (Feet)	Sample Number	Sample Interval	Sample Type & Recovery (inches)	Sample Description Classification System: USCS	USCS Symbol	Depth Lithology Change (feet)	Air Monitoring Units: NDU			Drilling Conditions & Blow Counts
							BZ	BH		
0										
5	1	5-7	24	DK gray sandy CLAY, med stiff, med. plastic, sl moist			0		7/80	-1415 hr
10	2	10-12	24	AT			0		12/114	-1422
15	3	15-17	24	Gray grading to Br CLAY, med stiff, med plastic, sl moist tr gypsum parting			0		3/5	-1427 Visibly "cleaner"
20	4	20-22	24	Br SAND, F-med sand, med dense, sl moist, tr clay			0		1/6	-1432 Sample
25				TOB 22'						
30										
35										
40										

Comments: Sample CM 298 (20-22') sent to lab (BTEX, TPH). BH grouted to surface.

Geologist Signature _____



4000 Monroe Road
Farmington, New Mexico 87401
PH: (505) 326-2262 • FAX: (505) 326-2388

DATE: Friday, February 07, 1997

TIME: 3:36 PM

TO: John Lambdin
COMPANY: EPFS

PHONE:
FAX: 599-2261

FROM: Cory Chance

PHONE: (505) 326-2262
FAX: (505) 326-2388

RE: Blanco Drilling Field Forms

PROJECT NO: 17404

Number of pages including cover: 7

☐ Hard copy **WILL NOT** follow ❖ ☐ Hard copy **WILL** follow

M E S S A G E

John,

Here are the drilling logs and site sketch for the second set of samples from the Blanco Drilling project (2/4/97)

CONFIDENTIALITY CAUTION

This message is intended only for the use of the individual or entity to which it is addressed and contains information that is privileged and confidential. If the reader of this message is not the intended recipient, employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return the original message to us at the above address, at our cost.

T R A N S M I S S I O N

02/07/97

14:39

5053262388

Philip-Farm NM

001

*** ACTIVITY REPORT ***

TRANSMISSION OK

TX/RX NO. 9230

CONNECTION TEL 5992261

CONNECTION ID

START TIME 02/07 14:33

USAGE TIME 05'37

PAGES 7

RESULT OK



A 1967

CHAIN OF CUSTODY RECORD

Project No.		Project Name		Requested Analysis		Remarks
17404		EPFS BLANCO				
Samplers: (Signature)		Date:		Sample Number		Type and No. of Sample Containers
Cory Chace		2/4/97				
Date	Time	Comp.	GRAB	Preservation Technique		Temperature
970053	2/4/97 0859		✓	CMC 294	1	4°C
970054	1047		✓	CMC 295	1	
970055	1038		✓	CMC 296	1	
970056	1319		✓	CMC 297	1	
970057	1435		✓	CMC 298	1	
Date: 2/4/97						
Signature: [Signature]						
Date: 2/4/97						
Signature: [Signature]						
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EL PASO FIELD SERVICES

FIELD SERVICES LABORATORY ANALYTICAL REPORT

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	CMC294	970053
MTR CODE SITE NAME:	N/A	Blanco Plant
SAMPLE DATE TIME (Hrs):	2/4/97	859
PROJECT:	Skimmer Pond Drilling	
DATE OF TPH EXT. ANAL.:	2/6/97	2/6/97
DATE OF BTEX EXT. ANAL.:	2/10/97	2/10/97
TYPE DESCRIPTION:	BH1S	30-32'

Field Remarks: Center of Excavation

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	<0.5	MG/KG				
TOLUENE	<0.5	MG/KG				
ETHYL BENZENE	<0.5	MG/KG				
TOTAL XYLENES	<1.5	MG/KG				
TOTAL BTEX	<3	MG/KG				
TPH (418.1)	19.8	MG/KG			2.33	28
HEADSPACE PID	N/A	PPM				
PERCENT SOLIDS	77.8	%				

-- TPH is by EPA Method 418.1 and BTEX is by EPA Method 8020 --

The Surrogate Recovery was at 101 % for this sample All QA/QC was acceptable.
Narrative:

DF = Dilution Factor Used

Approved By: John L. Linder

Date: 2-14-97



FIELD SERVICES LABORATORY
ANALYTICAL REPORT

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	CMC295	970054
MTR CODE SITE NAME:	N/A	Blanco Plant
SAMPLE DATE TIME (Hrs):	2/4/97	1047
PROJECT:	Skimmer Pond Drilling	
DATE OF TPH EXT. ANAL.:	2/6/97	2/6/97
DATE OF BTEX EXT. ANAL.:	2/10/97	2/10/97
TYPE DESCRIPTION:	BH3S	30-32'

Field Remarks: North of BH1S

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	<0.5	MG/KG				
TOLUENE	<0.5	MG/KG				
ETHYL BENZENE	<0.5	MG/KG				
TOTAL XYLENES	<1.5	MG/KG				
TOTAL BTEX	<3	MG/KG				
TPH (418.1)	12.7	MG/KG			2.68	28
HEADSPACE PID	N/A	PPM				
PERCENT SOLIDS	86.0	%				

-- TPH is by EPA Method 418.1 and BTEX is by EPA Method 8020 --

The Surrogate Recovery was at 102 % for this sample All QA/QC was acceptable.
Narrative:

DF = Dilution Factor Used

Approved By:

John Lamberti

Date:

2-14-97



FIELD SERVICES LABORATORY
ANALYTICAL REPORT

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	CMC296	970055
MTR CODE SITE NAME:	N/A	Blanco Plant
SAMPLE DATE TIME (Hrs):	2/4/97	1038
PROJECT:	Skimmer Pond Drilling	
DATE OF TPH EXT. ANAL.:	2/6/97	2/6/97
DATE OF BTEX EXT. ANAL.:	2/10/97	2/10/97
TYPE DESCRIPTION:	BH3S	25-27'

Field Remarks: North of BH1S

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	<0.5	MG/KG				
TOLUENE	<0.5	MG/KG				
ETHYL BENZENE	<0.5	MG/KG				
TOTAL XYLENES	<1.5	MG/KG				
TOTAL BTEX	<3	MG/KG				
TPH (418.1)	19.8	MG/KG			2.33	28
HEADSPACE PID	N/A	PPM				
PERCENT SOLIDS	94.1	%				

-- TPH is by EPA Method 418.1 and BTEX is by EPA Method 8020 --

The Surrogate Recovery was at 100 % for this sample All QA/QC was acceptable.
Narrative:

DF = Dilution Factor Used

Approved By: John Paul Dr

Date: 2-14-97



FIELD SERVICES LABORATORY
ANALYTICAL REPORT

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	CMC297	970056
MTR CODE SITE NAME:	N/A	Blanco Plant
SAMPLE DATE TIME (Hrs):	2/4/97	1319
PROJECT:	Skimmer Pond Drilling	
DATE OF TPH EXT. ANAL.:	2/6/97	2/6/97
DATE OF BTEX EXT. ANAL.:	2/10/97	2/10/97
TYPE DESCRIPTION:	BH4S	25-27'

Field Remarks: East of BH1S

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	<0.5	MG/KG				
TOLUENE	<0.5	MG/KG				
ETHYL BENZENE	<0.5	MG/KG				
TOTAL XYLENES	<1.5	MG/KG				
TOTAL BTEX	<3	MG/KG				
TPH (418.1)	19.8	MG/KG			2.06	28
HEADSPACE PID	N/A	PPM				
PERCENT SOLIDS	91.2	%				

-- TPH is by EPA Method 418.1 and BTEX is by EPA Method 8020 --

The Surrogate Recovery was at 102 % for this sample All QA/QC was acceptable.
Narrative:

DF = Dilution Factor Used

Approved By: John T. Linder

Date: 2-14-97



EL PASO FIELD SERVICES

FIELD SERVICES LABORATORY ANALYTICAL REPORT

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	CMC298	970057
MTR CODE SITE NAME:	N/A	Blanco Plant
SAMPLE DATE TIME (Hrs):	2/4/97	1433
PROJECT:	Skimmer Pond Drilling	
DATE OF TPH EXT. ANAL.:	2/6/97	2/6/97
DATE OF BTEX EXT. ANAL.:	2/10/97	2/10/97
TYPE DESCRIPTION:	BH5S	N/A

Field Remarks: South of BH1S

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	<0.5	MG/KG				
TOLUENE	<0.5	MG/KG				
ETHYL BENZENE	<0.5	MG/KG				
TOTAL XYLENES	<1.5	MG/KG				
TOTAL BTEX	<3	MG/KG				
TPH (418.1)	21.7	MG/KG			2.37	28
HEADSPACE PID	N/A	PPM				
PERCENT SOLIDS	94.3	%				

-- TPH is by EPA Method 418.1 and BTEX is by EPA Method 8020 --

The Surrogate Recovery was at 99.4 % for this sample All QA/QC was acceptable.
Narrative:

DF = Dilution Factor Used

Approved By: John T. Smith

Date: 2-14-97

QUALITY CONTROL REPORT

TPH by Modified 418.1 by Infrared

Date of Analysis: Feb 06, 1997

Sample ID: 970048 - 970057

LABORATORY CONTROL SAMPLES: CALIBRATION CHECKS

SAMPLE IDENTIFICATION	SOURCE	TRUE VALUE (PPM)	FOUND (MG/KG)	%R	ACCEPTABLE RANGE 75-125 %R	
					YES	NO
INITIAL CALIBRATION VERIF. "B" Heavy Oil (Lot M3G9616)	HORIBA	200	218	109	X	

Narrative: Acceptable.

LABORATORY DUPLICATES:

SAMPLE NUMBER	TYPE	SAMPLE RESULT (S)MG/KG	DUPLICATE RESULT (D)MG/KG	RPD	ACCEPTABLE RANGE + / - 35%	
					YES	NO
970049	2nd Extract	18.7	21.2	12.5	X	

Narrative : Acceptable.

LABORATORY SPIKES:

SAMPLE NUMBER	SPIKE ADDED (S)MG/KG	SAMPLE RESULT (S)MG/KG	SPIKE SAMPLE RESULT (SR)MG/KG	%R	ACCEPTABLE RANGE 75-125 %R	
					YES	NO
970049	1277	18.7	1269	97.9	X	

Narrative: Acceptable.

REFERENCE SOIL (Laboratory Control Sample):

SAMPLE ID	SOURCE	KNOWN VALUE (MG/KG)	SAMPLE RESULT FOUND (MG/KG)	MFG SPECIFIED RANGE	ACCEPTABLE	
					YES	NO
ERA TPH STANDARD #1 LOT # 91030	ENVIRONMENT RESOURCE ASS.	2920	3330	1900 - 3360	X	
ERA TPH STANDARD #2 w/i LOT # 91030	ENVIRONMENT RESOURCE ASS.	1150	1260	750 - 1320	X	

Narrative: Acceptable

LABORATORY REAGENT BLANK:

SAMPLE ID	SOURCE	TPH LEVEL (MG/KG)	STATUS
Freon Solvent	EPFS Lab	<10.0	ACCEPTABLE
Reagent Blank	EPFS Lab	<10.0	ACCEPTABLE

Narrative: Acceptable.

Extracted: 02/06/97

Reported By: maApproved By: John L. LaddDate: 2-14-97



QUALITY CONTROL REPORT

EPA METHOD 8020 - BTEX

Samples: 970048 - 970057

QA/QC for 02/10/97 Sample Set

LABORATORY CALIBRATION CHECKS, LABORATORY CONTROL SAMPLES:

SAMPLE NUMBER	TYPE	EXPECTED RESULT PPB	ANALYTICAL RESULT PPB	%R	ACCEPTABLE	
					YES	NO
ICV LA-52589 50 PPB					RANGE	
Benzene	Standard	50.0	49.9	99.8	75 - 125 %	X
Toluene	Standard	50.0	49.7	99.4	75 - 125 %	X
Ethyl benzene	Standard	50.0	50.1	100	75 - 125 %	X
m & p - Xylene	Standard	100	99.7	99.7	75 - 125 %	X
o - Xylene	Standard	50.0	49.9	99.8	75 - 125 %	X
LCS LA-45476 25 PPB					RANGE	
Benzene	Standard	25.0	25.7	103	39 - 150	X
Toluene	Standard	25.0	25.5	102	46 - 148	X
Ethyl benzene	Standard	25.0	25.8	103	32 - 160	X
m & p - Xylene	Standard	50.0	51.6	103	Not Given	X
o - Xylene	Standard	25.0	25.9	104	Not Given	X
CCV1 LA-52589 50 PPB					RANGE	
Benzene	Standard	50.0	51.1	102	75 - 125 %	X
Toluene	Standard	50.0	50.9	102	75 - 125 %	X
Ethyl benzene	Standard	50.0	51.3	103	75 - 125 %	X
m & p - Xylene	Standard	100	102	102	75 - 125 %	X
o - Xylene	Standard	50.0	51.4	103	75 - 125 %	X
CCV2 LA-52589 50 PPB					RANGE	
Benzene	Standard	50.0	49.2	98.4	75 - 125 %	X
Toluene	Standard	50.0	49.3	98.6	75 - 125 %	X
Ethyl benzene	Standard	50.0	49.5	99.0	75 - 125 %	X
m & p - Xylene	Standard	100	97.6	97.6	75 - 125 %	X
o - Xylene	Standard	50.0	49.8	100	75 - 125 %	X
CCV3 LA-52589 50 PPB					RANGE	
Benzene	Standard	50.0		0.00	75 - 125 %	NA
Toluene	Standard	50.0		0.00	75 - 125 %	NA
Ethyl benzene	Standard	50.0		0.00	75 - 125 %	NA
m & p - Xylene	Standard	100		0.00	75 - 125 %	NA
o - Xylene	Standard	50.0		0.00	75 - 125 %	NA

Narrative: Acceptable.

LABORATORY DUPLICATES:

SAMPLE NUMBER	TYPE	SAMPLE RESULT	DUPLICATE RESULT	RPD	ACCEPTABLE	
					YES	NO
970048		ug/L	ug/L		RANGE	
Benzene	Extraction Dup	<1.0	<1.0	0.00	+/- 35 %	X
Toluene	Extraction Dup	<1.0	<1.0	0.00	+/- 35 %	X
Ethyl benzene	Extraction Dup	<1.0	<1.0	0.00	+/- 35 %	X
m & p - Xylene	Extraction Dup	<2.0	<2.0	0.00	+/- 35 %	X
o - Xylene	Extraction Dup	<1.0	<1.0	0.00	+/- 35 %	X

Narrative: Acceptable.

LABORATORY DUPLICATES:

SAMPLE NUMBER	TYPE	SAMPLE RESULT	DUPLICATE RESULT	RPD	ACCEPTABLE	
					YES	NO
NA		ug/L	ug/L		RANGE	
Benzene	Extraction Dup			0	+/- 35 %	NA
Toluene	Extraction Dup			0	+/- 35 %	NA
Ethyl benzene	Extraction Dup			0	+/- 35 %	NA
m & p - Xylene	Extraction Dup			0	+/- 35 %	NA
o - Xylene	Extraction Dup			0	+/- 35 %	NA

Narrative:

LABORATORY DUPLICATES:

SAMPLE NUMBER	TYPE	SAMPLE RESULT PPM	DUPLICATE RESULT PPM	RPD	ACCEPTABLE	
					YES	NO
970048		ug/L	ug/L		RANGE	
Benzene	Matrix Duplicate	<1.0	<1.0	0.00	+/- 35 %	X
Toluene	Matrix Duplicate	<1.0	<1.0	0.00	+/- 35 %	X
Ethyl benzene	Matrix Duplicate	<1.0	<1.0	0.00	+/- 35 %	X
m & p - Xylene	Matrix Duplicate	<2.0	<2.0	0.00	+/- 35 %	X
o - Xylene	Matrix Duplicate	<1.0	<1.0	0.00	+/- 35 %	X

Narrative: Acceptable.

LABORATORY DUPLICATES:

SAMPLE NUMBER	TYPE (Analysis, Portion, or Sample)	SAMPLE RESULT PPM	DUPLICATE RESULT PPM	RPD	ACCEPTABLE	
					YES	NO
NA		ug/L	ug/L		RANGE	
Benzene	Matrix Duplicate			0	+/- 35 %	NA
Toluene	Matrix Duplicate			0	+/- 35 %	NA
Ethyl benzene	Matrix Duplicate			0	+/- 35 %	NA
m & p - Xylene	Matrix Duplicate			0	+/- 35 %	NA
o - Xylene	Matrix Duplicate			0	+/- 35 %	NA

Narrative:

LABORATORY SPIKES:

SAMPLE NUMBER	SPIKE ADDED PPB	SAMPLE RESULT PPB	SPIKE SAMPLE RESULT PPB	%R	ACCEPTABLE	
					YES	NO
970048					RANGE	
Benzene	50.0	<1.0	50.9	102	75 - 125 %	X
Toluene	50.0	<1.0	50.7	101	75 - 125 %	X
Ethyl benzene	50.0	<1.0	51.1	102	75 - 125 %	X
m & p - Xylene	100.0	<2.0	102	102	75 - 125 %	X
o - Xylene	50.0	<1.0	51.3	103	75 - 125 %	X

Narrative: Acceptable.

LABORATORY SPIKES:

SAMPLE NUMBER	SPIKE ADDED PPB	SAMPLE RESULT PPB	SPIKE SAMPLE RESULT PPB	%R	ACCEPTABLE	
					YES	NO
NA	50.00				RANGE	
Benzene	50.0			0	75 - 125 %	NA
Toluene	50.0			0	75 - 125 %	NA
Ethyl benzene	50.0			0	75 - 125 %	NA
m & p - Xylene	100.0			0	75 - 125 %	NA
o - Xylene	50.0			0	75 - 125 %	NA

Narrative:

ADDITIONAL ANALYTICAL BLANKS:

SAMPLE ID AUTO BLANK/BOILED WATER	SOURCE	PPB	STATUS
Benzene	Boiled Water	<1.0	ACCEPTABLE
Toluene	Boiled Water	<1.0	ACCEPTABLE
Ethyl benzene	Boiled Water	<1.0	ACCEPTABLE
Total Xylenes	Boiled Water	<3.0	ACCEPTABLE

Narrative: Acceptable.

SAMPLE ID SOIL VIAL BLANK	SOURCE	PPB	STATUS
Benzene	Vial + Boiled Water	<1.0	ACCEPTABLE
Toluene	Vial + Boiled Water	<1.0	ACCEPTABLE
Ethyl benzene	Vial + Boiled Water	<1.0	ACCEPTABLE
Total Xylenes	Vial + Boiled Water	<3.0	ACCEPTABLE

Narrative: Acceptable.

SAMPLE ID EXTRACTION BLANK	SOURCE	PPB	STATUS
	1016. ext blk		
Benzene	Methanol	<1.0	ACCEPTABLE
Toluene	Methanol	<1.0	ACCEPTABLE
Ethyl benzene	Methanol	<1.0	ACCEPTABLE
Total Xylenes	Methanol	<3.0	ACCEPTABLE

Narrative: Acceptable.

	SOURCE	NARRATIVE	STATUS
Carryover contamination checks		(One analyzed with this set)	
Benzene	Vial + Boiled Water	<1.0	NA
Toluene	Vial + Boiled Water	<1.0	NA
Ethyl benzene	Vial + Boiled Water	<1.0	NA
Total Xylenes	Vial + Boiled Water	<3.0	NA

Narrative:

SAMPLE ID METHANOL CHECK	SOURCE	PPB	STATUS
	Lot # H18318	(Not analyzed with this set)	
Benzene	MeOH/Boiled Water	<2.5	ACCEPTABLE
Toluene	MeOH/Boiled Water	<2.5	ACCEPTABLE
Ethyl benzene	MeOH/Boiled Water	<2.5	ACCEPTABLE
Total Xylenes	MeOH/Boiled Water	<7.5	ACCEPTABLE

Narrative: Acceptable.

Reported By: maApproved By: John LanderDate: 2-14-97
Soil0210

February 14, 1997

ANALYTICAL REPORT

**Blanco Plant
"C" Compressor Sump Drilling
Analytical Results
Lab Sample #'s 970048 to 970052
Sampled 2/3/97
Sampled by Cory Chance, Philip Env.**

REMARKS:

All sample results were less than New Mexico OCD Guidelines for Hydrocarbon Contamination.

Distribution: David Bays
Results Log Book

Attachments:

Serial No. SS- _____

Title C Compressor Sump

Project Name EPFS BLANCO Drilling

Project No. 17404

Project Manager CM Chance

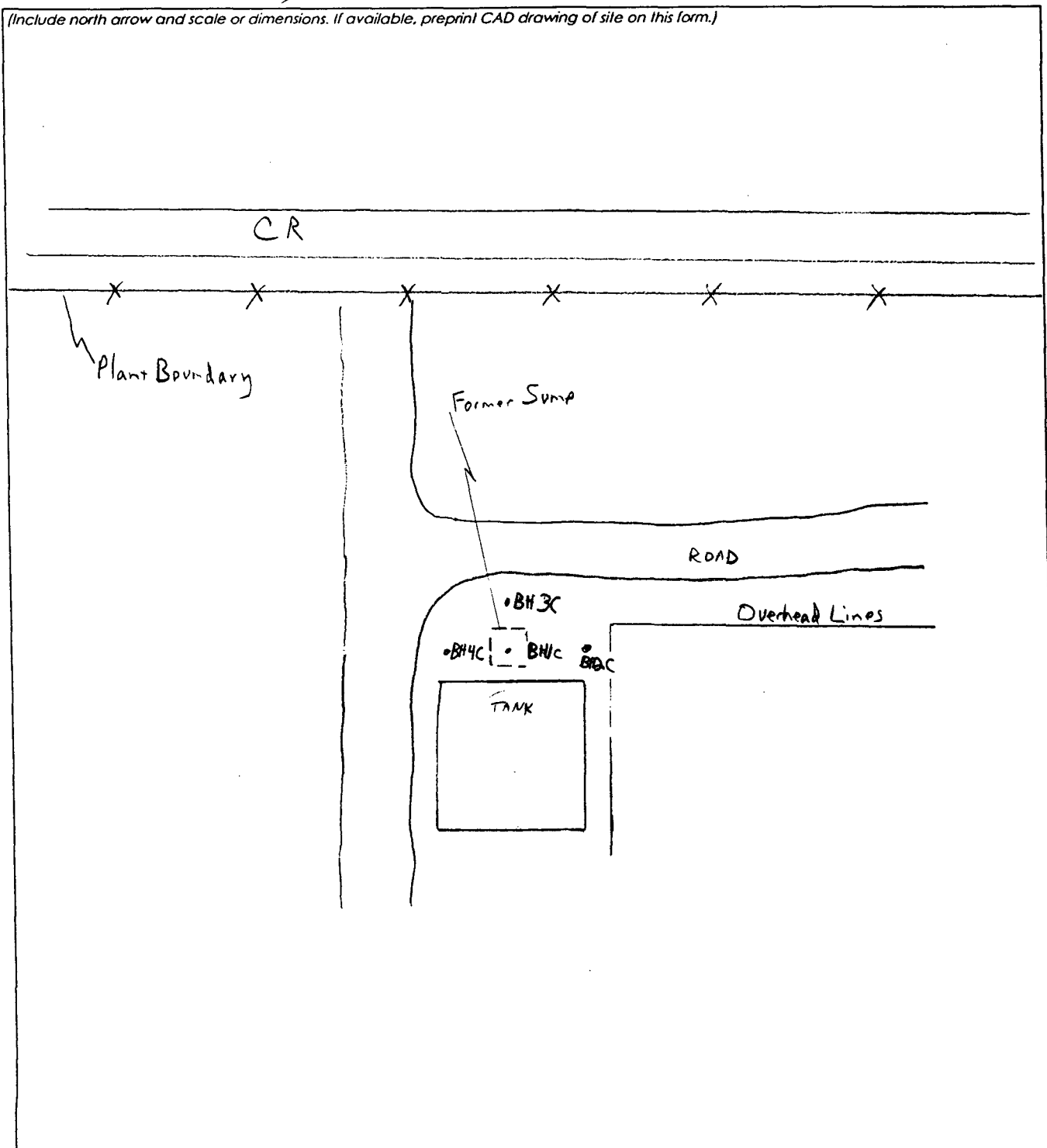
Phase/Task No. _____

Client Company EPFS

Site Name C Comp. Sump Blanco Plant

Site Address Blanco Field, NM

(Include north arrow and scale or dimensions. If available, preprint CAD drawing of site on this form.)



Sketched by (signature) _____

CM Chance

Date

2/3/97

RECORD OF SUBSURFACE EXPLORATION

PHILIP ENVIRONMENTAL SERVICES INC.

4000 Monroe Road

Farmington, New Mexico 87401

(505) 326-2262 FAX (505) 326-2388

Borehole # BH4C
Well # _____
Page 1 of 1

Project Name EPFS Blanco
Project Number 17404 Phase 6001
Project Location Blanco Plant

Elevation _____
Borehole Location C Sump (W. of Excavation)
GWL Depth _____
Logged By CM Chance
Drilled By K. Padilla
Date/Time Started 2/2/97-1255
Date/Time Completed 2/2/97-1220

Well Logged By CM Chance
Personnel On-Site D. Charlie, C. Marez
Contractors On-Site _____
Client Personnel On-Site _____
Drilling Method 4 1/4 I.D. HSA
Air Monitoring Method PID

Depth (Feet)	Sample Number	Sample Interval	Sample Type & Recovery (inches)	Sample Description Classification System: USCS	USCS Symbol	Depth Lithology Change (feet)	Air Monitoring Units: PPM BZ BH S			Drilling Conditions & Blow Counts
0										
5	1	5-7	24	lt Br sandy CLAY, soft, med plastic, sl moist, tr F-med sand			0		0/4	-1302
10	2	10-12	24	AA			0		0/6	-1308
15	3	15-17	24	AA			0		0/6	-1313
20	4	22-22	24	lt Br SAND, F-med sand, med dense, dry			0		0/1	-1319 Sample
				TDB 22'						
25										
30										
35										
40										

Comments: Collect sample (CM 292) For BTEX, TCH analysis. Collected
from 22-22. Grant BH reservoir

Geologist Signature _____

RECORD OF SUBSURFACE EXPLORATION

PHILIP ENVIRONMENTAL

4000 Monroe Road

Farmington, New Mexico 87401

(505) 326-2262 FAX (505) 326-2388

Borehole # BH3C

Well # _____

Page _____ of _____

Project Name EPFS Blanco

Project Number 17404 Phase 6001

Project Location Blanco Plant

Elevation _____

Borehole Location C Comp Sump (N. of Excavation)

GWL Depth N/A

Logged By CM Chance

Drilled By K. Padilla

Date/Time Started 2/3/97 - 1125

Date/Time Completed 2/5/97

Well Logged By CM Chance

Personnel On-Site O Charlie, C Maez

Contractors On-Site _____

Client Personnel On-Site _____

Drilling Method 4 1/4 I.D. HSA

Air Monitoring Method PLD

Depth (Feet)	Sample Number	Sample Interval	Sample Type & Recovery (inches)	Sample Description Classification System: USCS	USCS Symbol	Depth Lithology Change (feet)	Air Monitoring Units: NDU			Drilling Conditions & Blow Counts
							BZ	BH	S	
0										
5	1	5-7	20	Lt Br sandy CLAY, +f of sand, med stiff, med plastic, dry			0		0/12	1125
10	2	10-12	24	AA			0		0/18	1141
15	3	15-17	20	AA			0		0/8	1147
20	4	20-22	24	Lt Br clayey SAND, F-med sand, med dense, dry			0		0/8	1157 Sample
25				TDB22'						
30										
35										
40										

Comments:

Sample sent to lab (CMC291) for BTEX, TPH. BH grouted to surface
Sample collected from 20-22'

Geologist Signature _____

RECORD OF SUBSURFACE EXPLORATION

PHILIP ENVIRONMENTAL

4000 Monroe Road

Farmington, New Mexico 87401

(505) 326-2262 FAX (505) 326-2388

Borehole #

BH2C

Well #

Page

of

Project Name

EPFS Blanco

Project Number

17404

Phase

6001

Project Location

Blanco Plant

Well Logged By

CM Chance

Personnel On-Site

D. Charlie, C. Maez

Contractors On-Site

Client Personnel On-Site

Elevation

Borehole Location C Camp Swamp (E of Excavation)

GWL Depth

N/A

Logged By

CM Chance

Drilled By

K. Padilla

Date/Time Started

2/3/97-1040

Date/Time Completed

2/3/97-1115

Drilling Method

4 1/2 ID HSA

Air Monitoring Method

PID

Depth (Feet)	Sample Number	Sample Interval	Sample Type & Recovery (inches)	Sample Description Classification System: USCS	USCS Symbol	Depth Lithology Change (feet)	Air Monitoring Units: NDU			Drilling Conditions & Blow Counts
							BZ	BH	S	
0										
5	1	5-7	18	L+ Br silty CLAY, soft, med plastic, sl moist, tr vF sand			0		0/9	1045
10	2	10-12	12	AA			0		0/5	1050
15	3	15-17	24	AA w/ sand lenses			0		0/11	1056
20	4	20-22	24	L+ Br SAND, F-med sand, med dense, dry			0		0/6	1104 sample
				TDB 22'						
25										
30										
35										
40										

Comments:

Collect lab sample (CMC 290) For BTEX, TPH. From BH 10 surface
Sample collected from 20-22'

Geologist Signature

RECORD OF SUBSURFACE EXPLORATION

PHILIP ENVIRONMENTAL SERVICES INC.

4000 Monroe Road

Farmington, New Mexico 87401

(505) 326-2262 FAX (505) 326-2388

Borehole # BH/C

Well # _____

Page 1 of _____

Project Name EPFS Blanco

Project Number 17404 Phase 6001

Project Location Blanco Plaza

Elevation _____

Borehole Location C Pond Sump

GWL Depth N/A

Logged By CM Chance

Drilled By K. Padilla

Date/Time Started 2/3/97 - 0850

Date/Time Completed 2/3/97 - 1200

Well Logged By CM Chance

Personnel On-Site D. Charlie, C. Macer

Contractors On-Site _____

Client Personnel On-Site _____

Drilling Method 6 1/4" ID HSA

Air Monitoring Method PIP

Depth (Feet)	Sample Number	Sample Interval	Sample Type & Recovery (inches)	Sample Description Classification System: USCS	USCS Symbol	Depth Lithology Change (feet)	Air Monitoring Units: PPM		Drilling Conditions & Blow Counts
							BZ	BH	
0									
5	1	5-7	18	DK gry sandy CLAY, soft, med plastic, sl moist, pungent odor			0		30 122 - 0850h
10	2	10-12	24	AA			0		170 124 - 0905h
15	3	15-17	24	AA			0		130 280 - 0912
20	4	20-22	24	AA			0		182 490 - 0917
25	5	25-27	18	Lt Br sandy CLAY, soft, med plastic, sl moist			1		4 10 - 0926
30	6	30-32	24	Lt Br CLAY, stiff, high plastic, sl moist			0		02 - 0932 Sample
				TOB 32'					
35									
40									

Comments:

Sample cleaned up ~25'. Collected lab sample (BT EX, TPH) @
30-32' (CMC 289). Gravel BH to surface

Geologist Signature _____



El Paso
Natural Gas Company

A 1966

CHAIN OF CUSTODY RECORD

Project No.		Project Name		Requested Analysis		Remarks	
17401		EPFS Blasted Drilling		Type and No. of Sample Containers		Type and No. of Sample Containers	
Samplers: (Signature)		Date:		Sample Number		Date:	
Cory Chance		2/13/97					
Date	Time	Comp.	GRAB	Type and No. of Sample Containers	Sample Number	Date	Time
2/13/97	0932		✓	1	CMC 289	2/13/97	0932
2/13/97	1101		✓	1	CMC 290	2/13/97	1101
2/13/97	1157		✓	1	CMC 291	2/13/97	1157
2/13/97	1319		✓	1	CMC 292	2/13/97	1319
2/13/97	1555		✓	1	CMC 293	2/13/97	1555
Center of Excavation 30-22' BHIC C Pond Sump Blasted Plan BHIC E of PH1 20-22' BHIC N of PH1 20-22' BHIC W of PH1 20-22' BHIS SKimmer Sump 25-27'							



EL PASO FIELD SERVICES

FIELD SERVICES LABORATORY ANALYTICAL REPORT

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	CMC289	970048
MTR CODE SITE NAME:	N/A	Blanco Plant
SAMPLE DATE TIME (Hrs):	2/3/97	932
PROJECT:	"C" Compressor Sump Drilling	
DATE OF TPH EXT. ANAL.:	2/6/97	2/6/97
DATE OF BTEX EXT. ANAL.:	2/10/97	2/10/97
TYPE DESCRIPTION:	BH1C	30-32'

Field Remarks: Center of Excavation

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	<0.5	MG/KG				
TOLUENE	<0.5	MG/KG				
ETHYL BENZENE	<0.5	MG/KG				
TOTAL XYLENES	<1.5	MG/KG				
TOTAL BTEX	<3	MG/KG				
* TPH (418.1)	848/28	MG/KG			2.01	28
HEADSPACE PID	N/A	PPM				
PERCENT SOLIDS	79.5	%				

-- TPH is by EPA Method 418.1 and BTEX is by EPA Method 8020 --

The Surrogate Recovery was at 102 % for this sample All QA/QC was acceptable.

Narrative:

XXX/XX indicates a duplicate analysis on a second portion of the sample. The TPH variability is due to a non-homogeneous clay soil matrix.

DF = Dilution Factor Used

Approved By: John L. Smith

Date: 2-14-97



FIELD SERVICES LABORATORY
ANALYTICAL REPORT

SAMPLE IDENTIFICATION

SAMPLE NUMBER:	Field ID CMC290	Lab ID 970049
MTR CODE SITE NAME:	N/A	Blanco Plant
SAMPLE DATE TIME (Hrs):	2/3/97	1104
PROJECT:	'C' Compressor Sump Drilling	
DATE OF TPH EXT. ANAL.:	2/6/97	2/6/97
DATE OF BTEX EXT. ANAL.:	2/10/97	2/10/97
TYPE DESCRIPTION:	BH2C	20-22'

Field Remarks: East of BH1

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	<0.5	MG/KG				
TOLUENE	<0.5	MG/KG				
ETHYL BENZENE	<0.5	MG/KG				
TOTAL XYLENES	<1.5	MG/KG				
TOTAL BTEX	<3	MG/KG				
TPH (418.1)	18.7	MG/KG			2.31	28
HEADSPACE PID	N/A	PPM				
PERCENT SOLIDS	94.8	%				

-- TPH is by EPA Method 418.1 and BTEX is by EPA Method 8020 --

The Surrogate Recovery was at 102 % for this sample All QA/QC was acceptable.
Narrative:

DF = Dilution Factor Used

Approved By: John Smith

Date: 2-14-97



FIELD SERVICES LABORATORY
ANALYTICAL REPORT

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	CMC291	970050
MTR CODE SITE NAME:	N/A	Blanco Plant
SAMPLE DATE TIME (Hrs):	2/3/97	1157
PROJECT:	"C" Copressor Sump Drilling	
DATE OF TPH EXT. ANAL.:	2/6/97	2/6/97
DATE OF BTEX EXT. ANAL.:	2/10/97	2/10/97
TYPE DESCRIPTION:	BH3C	20-22'

Field Remarks: North of BH1

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	<0.5	MG/KG				
TOLUENE	<0.5	MG/KG				
ETHYL BENZENE	<0.5	MG/KG				
TOTAL XYLENES	<1.5	MG/KG				
TOTAL BTEX	<3	MG/KG				
TPH (418.1)	20.6	MG/KG			2.19	28
HEADSPACE PID	N/A	PPM				
PERCENT SOLIDS	84.4	%				

-- TPH is by EPA Method 418.1 and BTEX is by EPA Method 8020 --

The Surrogate Recovery was at 103 % for this sample All QA/QC was acceptable.
Narrative:

DF = Dilution Factor Used

Approved By: John L. Luch

Date: 2-14-97



EL PASO FIELD SERVICES

FIELD SERVICES LABORATORY ANALYTICAL REPORT

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	CMC292	970051
MTR CODE SITE NAME:	N/A	Blanco Plant
SAMPLE DATE TIME (Hrs):	2/3/97	1319
PROJECT:	"C" Compressor Sump Drilling	
DATE OF TPH EXT. ANAL.:	2/6/97	2/6/97
DATE OF BTEX EXT. ANAL.:	2/10/97	2/10/97
TYPE DESCRIPTION:	BH4C	20-22'

Field Remarks: West of BH1

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	<0.5	MG/KG				
TOLUENE	<0.5	MG/KG				
ETHYL BENZENE	<0.5	MG/KG				
TOTAL XYLENES	<1.5	MG/KG				
TOTAL BTEX	<3	MG/KG				
TPH (418.1)	19.5	MG/KG			2.08	28
HEADSPACE PID	N/A	PPM				
PERCENT SOLIDS	89.5	%				

-- TPH is by EPA Method 418.1 and BTEX is by EPA Method 8020 --

The Surrogate Recovery was at 103 % for this sample All QA/QC was acceptable.
Narrative:

DF = Dilution Factor Used

Approved By: John L. Luch

Date: 2-14-97



FIELD SERVICES LABORATORY
ANALYTICAL REPORT

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	CMC293	970052
MTR CODE SITE NAME:	N/A	Blanco Plant
SAMPLE DATE TIME (Hrs):	2/3/97	1555
PROJECT:	"C" Compressor Sump Drilling	
DATE OF TPH EXT. ANAL.:	2/6/97	2/6/97
DATE OF BTEX EXT. ANAL.:	2/10/97	2/10/97
TYPE DESCRIPTION:	BH2S	25-27'

Field Remarks: South of Excavation

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	<0.5	MG/KG				
TOLUENE	<0.5	MG/KG				
ETHYL BENZENE	<0.5	MG/KG				
TOTAL XYLENES	<1.5	MG/KG				
TOTAL BTEX	<3	MG/KG				
TPH (418.1)	18.2	MG/KG			2.11	28
HEADSPACE PID	N/A	PPM				
PERCENT SOLIDS	85.3	%				

-- TPH is by EPA Method 418.1 and BTEX is by EPA Method 8020 --

The Surrogate Recovery was at 102 % for this sample All QA/QC was acceptable.
Narrative:

DF = Dilution Factor Used

Approved By: John L. Lutz

Date: 2-14-97



QUALITY CONTROL REPORT

EPA METHOD 8020 - BTEX

Samples: 970048 - 970057

QA/QC for 02/10/97 Sample Set

LABORATORY CALIBRATION CHECKS, LABORATORY CONTROL SAMPLES:

SAMPLE NUMBER	TYPE	EXPECTED RESULT PPB	ANALYTICAL RESULT PPB	%R	ACCEPTABLE	
					YES	NO
ICV LA-52589 50 PPB					RANGE	
Benzene	Standard	50.0	49.9	99.8	75 - 125 %	X
Toluene	Standard	50.0	49.7	99.4	75 - 125 %	X
Ethyl benzene	Standard	50.0	50.1	100	75 - 125 %	X
m & p - Xylene	Standard	100	99.7	99.7	75 - 125 %	X
o - Xylene	Standard	50.0	49.9	99.8	75 - 125 %	X
LCS LA-45476 25 PPB					RANGE	
Benzene	Standard	25.0	25.7	103	39 - 150	X
Toluene	Standard	25.0	25.5	102	46 - 148	X
Ethyl benzene	Standard	25.0	25.8	103	32 - 160	X
m & p - Xylene	Standard	50.0	51.6	103	Not Given	X
o - Xylene	Standard	25.0	25.9	104	Not Given	X
CCV1 LA-52589 50 PPB					RANGE	
Benzene	Standard	50.0	51.1	102	75 - 125 %	X
Toluene	Standard	50.0	50.9	102	75 - 125 %	X
Ethyl benzene	Standard	50.0	51.3	103	75 - 125 %	X
m & p - Xylene	Standard	100	102	102	75 - 125 %	X
o - Xylene	Standard	50.0	51.4	103	75 - 125 %	X
CCV2 LA-52589 50 PPB					RANGE	
Benzene	Standard	50.0	49.2	98.4	75 - 125 %	X
Toluene	Standard	50.0	49.3	98.6	75 - 125 %	X
Ethyl benzene	Standard	50.0	49.5	99.0	75 - 125 %	X
m & p - Xylene	Standard	100	97.6	97.6	75 - 125 %	X
o - Xylene	Standard	50.0	49.8	100	75 - 125 %	X
CCV3 LA-52589 50 PPB					RANGE	
Benzene	Standard	50.0		0.00	75 - 125 %	NA
Toluene	Standard	50.0		0.00	75 - 125 %	NA
Ethyl benzene	Standard	50.0		0.00	75 - 125 %	NA
m & p - Xylene	Standard	100		0.00	75 - 125 %	NA
o - Xylene	Standard	50.0		0.00	75 - 125 %	NA

Narrative: Acceptable.

LABORATORY DUPLICATES:

SAMPLE NUMBER	TYPE	SAMPLE RESULT	DUPLICATE RESULT	RPD	ACCEPTABLE	
					YES	NO
970048		ug/L	ug/L		RANGE	
Benzene	Extraction Dup	<1.0	<1.0	0.00	+/- 35 %	X
Toluene	Extraction Dup	<1.0	<1.0	0.00	+/- 35 %	X
Ethyl benzene	Extraction Dup	<1.0	<1.0	0.00	+/- 35 %	X
m & p - Xylene	Extraction Dup	<2.0	<2.0	0.00	+/- 35 %	X
o - Xylene	Extraction Dup	<1.0	<1.0	0.00	+/- 35 %	X

Narrative: Acceptable.

LABORATORY DUPLICATES:

SAMPLE NUMBER	TYPE	SAMPLE RESULT	DUPLICATE RESULT	RPD	ACCEPTABLE	
					YES	NO
NA		ug/L	ug/L		RANGE	
Benzene	Extraction Dup			0	+/- 35 %	NA
Toluene	Extraction Dup			0	+/- 35 %	NA
Ethyl benzene	Extraction Dup			0	+/- 35 %	NA
m & p - Xylene	Extraction Dup			0	+/- 35 %	NA
o - Xylene	Extraction Dup			0	+/- 35 %	NA

Narrative:

LABORATORY DUPLICATES:

SAMPLE NUMBER	TYPE	SAMPLE RESULT PPM	DUPLICATE RESULT PPM	RPD	ACCEPTABLE	
					YES	NO
970048		ug/L	ug/L		RANGE	
Benzene	Matrix Duplicate	<1.0	<1.0	0.00	+/- 35 %	X
Toluene	Matrix Duplicate	<1.0	<1.0	0.00	+/- 35 %	X
Ethyl benzene	Matrix Duplicate	<1.0	<1.0	0.00	+/- 35 %	X
m & p - Xylene	Matrix Duplicate	<2.0	<2.0	0.00	+/- 35 %	X
o - Xylene	Matrix Duplicate	<1.0	<1.0	0.00	+/- 35 %	X

Narrative: Acceptable.

LABORATORY DUPLICATES:

SAMPLE NUMBER	TYPE (Analysis, Portion, or Sample)	SAMPLE RESULT PPM	DUPLICATE RESULT PPM	RPD	ACCEPTABLE	
					YES	NO
NA		ug/L	ug/L		RANGE	
Benzene	Matrix Duplicate			0	+/- 35 %	NA
Toluene	Matrix Duplicate			0	+/- 35 %	NA
Ethyl benzene	Matrix Duplicate			0	+/- 35 %	NA
m & p - Xylene	Matrix Duplicate			0	+/- 35 %	NA
o - Xylene	Matrix Duplicate			0	+/- 35 %	NA

Narrative:

LABORATORY SPIKES:

SAMPLE NUMBER	SPIKE ADDED PPB	SAMPLE RESULT PPB	SPIKE SAMPLE RESULT PPB	%R	ACCEPTABLE	
					YES	NO
970048					RANGE	
Benzene	50.0	<1.0	50.9	102	75 - 125 %	X
Toluene	50.0	<1.0	50.7	101	75 - 125 %	X
Ethyl benzene	50.0	<1.0	51.1	102	75 - 125 %	X
m & p - Xylene	100.0	<2.0	102	102	75 - 125 %	X
o - Xylene	50.0	<1.0	51.3	103	75 - 125 %	X

Narrative: Acceptable.

LABORATORY SPIKES:

SAMPLE NUMBER	SPIKE ADDED PPB	SAMPLE RESULT PPB	SPIKE SAMPLE RESULT PPB	%R	ACCEPTABLE	
					YES	NO
NA	50.00				RANGE	
Benzene	50.0			0	75 - 125 %	NA
Toluene	50.0			0	75 - 125 %	NA
Ethyl benzene	50.0			0	75 - 125 %	NA
m & p - Xylene	100.0			0	75 - 125 %	NA
o - Xylene	50.0			0	75 - 125 %	NA

Narrative:

ADDITIONAL ANALYTICAL BLANKS:

SAMPLE ID	SOURCE	PPB	STATUS
AUTO BLANK/BOILED WATER			
Benzene	Boiled Water	<1.0	ACCEPTABLE
Toluene	Boiled Water	<1.0	ACCEPTABLE
Ethyl benzene	Boiled Water	<1.0	ACCEPTABLE
Total Xylenes	Boiled Water	<3.0	ACCEPTABLE

Narrative: Acceptable.

SAMPLE ID	SOURCE	PPB	STATUS
SOIL VIAL BLANK			
Benzene	Vial + Boiled Water	<1.0	ACCEPTABLE
Toluene	Vial + Boiled Water	<1.0	ACCEPTABLE
Ethyl benzene	Vial + Boiled Water	<1.0	ACCEPTABLE
Total Xylenes	Vial + Boiled Water	<3.0	ACCEPTABLE

Narrative: Acceptable.

SAMPLE ID	SOURCE	PPB	STATUS
EXTRACTION BLANK	1016. ext blk		
Benzene	Methanol	<1.0	ACCEPTABLE
Toluene	Methanol	<1.0	ACCEPTABLE
Ethyl benzene	Methanol	<1.0	ACCEPTABLE
Total Xylenes	Methanol	<3.0	ACCEPTABLE

Narrative: Acceptable.

SOURCE	NARRATIVE	STATUS
Carryover contamination checks	(One analyzed with this set)	
Benzene	Vial + Boiled Water	<1.0
Toluene	Vial + Boiled Water	<1.0
Ethyl benzene	Vial + Boiled Water	<1.0
Total Xylenes	Vial + Boiled Water	<3.0

Narrative:

SAMPLE ID	SOURCE	PPB	STATUS
METHANOL CHECK	Lot # H18318	(Not analyzed with this set)	
Benzene	MeOH/Boiled Water	<2.5	ACCEPTABLE
Toluene	MeOH/Boiled Water	<2.5	ACCEPTABLE
Ethyl benzene	MeOH/Boiled Water	<2.5	ACCEPTABLE
Total Xylenes	MeOH/Boiled Water	<7.5	ACCEPTABLE

Narrative: Acceptable.

Reported By: mdgApproved By: John T. LinderDate: 2-14-97
Soil0210

QUALITY CONTROL REPORT

TPH by Modified 418.1 by Infrared

Date of Analysis: Feb 06, 1997

Sample ID: 970048 - 970057

LABORATORY CONTROL SAMPLES: CALIBRATION CHECKS

SAMPLE IDENTIFICATION	SOURCE	TRUE VALUE (PPM)	FOUND (MG/KG)	%R	ACCEPTABLE RANGE 75-125 %R	
					YES	NO
INITIAL CALIBRATION VERIF. "B" Heavy Oil (Lot M3G9616)	HORIBA	200	218	109	X	

Narrative: Acceptable.

LABORATORY DUPLICATES:

SAMPLE NUMBER	TYPE	SAMPLE RESULT (S)MG/KG	DUPLICATE RESULT (D)MG/KG	RPD	ACCEPTABLE RANGE + / - 35%	
					YES	NO
970049	2nd Extract	18.7	21.2	12.5	X	

Narrative : Acceptable.

LABORATORY SPIKES:

SAMPLE NUMBER	SPIKE ADDED (SA)MG/KG	SAMPLE RESULT (S)MG/KG	SPIKE SAMPLE RESULT (SR)MG/KG	%R	ACCEPTABLE RANGE 75-125 %R	
					YES	NO
970049	1277	18.7	1269	97.9	X	

Narrative: Acceptable.

REFERENCE SOIL (Laboratory Control Sample):

SAMPLE ID	SOURCE	KNOWN VALUE (MG/KG)	SAMPLE RESULT FOUND (MG/KG)	MFG SPECIFIED RANGE	ACCEPTABLE	
					YES	NO
ERA TPH STANDARD #1 LOT # 91030	ENVIRONMENT RESOURCE ASS.	2920	3330	1900 - 3360	X	
ERA TPH STANDARD #2 w/i LOT # 91030	ENVIRONMENT RESOURCE ASS.	1150	1260	750 - 1320	X	

Narrative: Acceptable

LABORATORY REAGENT BLANK:

SAMPLE ID	SOURCE	TPH LEVEL (MG/KG)		STATUS
Freon Solvent	EPFS Lab	<10.0		ACCEPTABLE
Reagent Blank	EPFS Lab	<10.0		ACCEPTABLE

Narrative: Acceptable.

Extracted: 02/06/97

Reported By: mdg

Approved By: John F. L...

Date: 2-14-97

OIL CONSERVATION DIVISION

November 6, 1995

CERTIFIED MAIL

RETURN RECEIPT NO. Z-765-962-895

Mr. David Bays
El Paso Field Services
El Paso Natural Gas Company
P.O. Box 4990
Farmington, New Mexico 87499

**RE: Spent Sand Blast Material Disposal
Discharge Plan GW-049
Blanco Plant
San Juan County, New Mexico**

Dear Mr. Bays:

The New Mexico Oil Conservation Division (OCD) has received and reviewed your request dated October 31, 1995 to dispose of approximately 12,500 pounds of spent sand blasting material. Based upon the information provided, your request is approved with the following conditions:

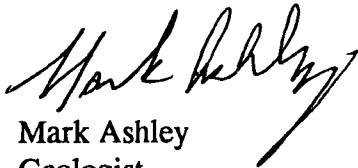
- The spent sand blast material will be confined to the graveled road within the discharge plan boundaries.
- This disposal shall be a one time application, and will not exceed the volume approved.
- The sand blast material shall not be allowed to enter any water course.
- Hazardous waste limits will not be exceeded.

Mr. David Bays
November 6, 1995
Page 2

Please be advised that OCD approval of this request does not relieve you of liability should your operation result in pollution of surface water, ground water, or the environment.

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

Sincerely,


Mark Ashley
Geologist

xc: OCD Aztec Office

Z 765 962 895



Receipt for
Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

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Postage	\$
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Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, March 1993



OIL CONSERVATION DIVISION
RECEIVED

'95 NOV 2 AM 8 52

P. O. Box 4990
FARMINGTON, NEW MEXICO 87499

October 31, 1995

Mr. Mark Ashley
New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, NM 87505

Dear Mr. Ashley:

During maintenance on the "C" Plant turbine compressor, the El Paso Natural Gas Co. Blanco Plant generated approximately 12,500 pounds of spent sand blasting material. The blasting material was used to remove paint from compressor piping and air filter cases to prepare the surface for repainting.

Analysis of seven composite samples from the used blasting material indicated that the levels of lead and chromium are well below characteristically hazardous waste limits. Levels of lead detected ranged from 0.18 parts per million (ppm) to 0.90 ppm, and the chromium levels ranged from 0.23 ppm to 0.60 ppm. A copy of the analysis results and a diagram of the composite sample sources are attached. Based on the test results, EPNG would like to spread the used blasting material on a graveled road within the Blanco Plant property. Please let us know if that is an acceptable disposal method for this material.

For any additional information needed, please contact me at the above address, or at (505) 599-2256.

Sincerely yours,

A handwritten signature in cursive script that reads 'David Bays'.

David Bays, REM
Sr. Environmental Scientist

cc: Denny Foust, NMOCD - Aztec
Sandra Miller/Patrick Marquez/Blanco Plant file



Composite Sample Numbers:

- 950321-01 Drums 1, 2, 3, 4 & 5
- 950321-02 Drums 6, 7, 8, 9, & 10
- 950321-03 Drums 11, 12, 13, 14, & 15
- 950321-04 Drums 16, 17, 18, 19, & 20
- 950321-05 Drums 21, 22, 23, 24, & 25
- 950321-06 Drums 26, 27, 28, 29, & 30
- 950321-07 Drum 31



Analytical**Technologies**,Inc.

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 510123
Client: ANALYTICAL TECHNOLOGIES, INC.
Project Number: 510321
Project Name: BLASTING PAINT CHIP-EPN
Project Location: N/S
Test: Group of Single Metals
QcLevel: II

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: 9510321-01		Lab ID:001			
CHROMIUM, TCLP (6010)	MG/L	0.23	0.01	H6T087	
LEAD, TCLP (6010)	MG/L	0.24	0.05	P6T087	
Comments:					
Client ID: 9510321-02		Lab ID:002			
CHROMIUM, TCLP (6010)	MG/L	0.29	0.01	H6T087	
LEAD, TCLP (6010)	MG/L	0.48	0.05	P6T087	
Comments:					
Client ID: 9510321-03		Lab ID:003			
CHROMIUM, TCLP (6010)	MG/L	0.28	0.01	H6T087	
LEAD, TCLP (6010)	MG/L	0.58	0.05	P6T087	
Comments:					
Client ID: 9510321-04		Lab ID:004			
CHROMIUM, TCLP (6010)	MG/L	0.35	0.01	H6T087	
LEAD, TCLP (6010)	MG/L	0.40	0.05	P6T087	
Comments:					
Client ID: 9510321-05		Lab ID:005			
CHROMIUM, TCLP (6010)	MG/L	0.33	0.01	H6T087	
LEAD, TCLP (6010)	MG/L	0.20	0.05	P6T087	
Comments:					
Client ID: 9510321-06		Lab ID:006			
CHROMIUM, TCLP (6010)	MG/L	0.44	0.01	H6T087	
LEAD, TCLP (6010)	MG/L	0.18	0.05	P6T087	
Comments:					
Client ID: 9510321-07		Lab ID:007			
CHROMIUM, TCLP (6010)	MG/L	0.60	0.01	H6T087	
LEAD, TCLP (6010)	MG/L	0.90	0.05	P6T087	

OIL CONSERVATION DIVISION

August 25, 1995

CERTIFIED MAIL

RETURN RECEIPT NO. Z-765-962-760

Mr. David Bays
El Paso Field Services
El Paso Natural Gas Company
P.O. Box 4990
Farmington, New Mexico 87499

**RE: Spent Sand Blast Material Disposal
Discharge Plan GW-049
Blanco Plant
San Juan County, New Mexico**

Dear Mr. Bays:

The New Mexico Oil Conservation Division (OCD) has received and reviewed your request dated August 22, 1995 to dispose of approximately 1,500 pounds of spent sand blasting material. Based upon the information provided, your request is approved with the following conditions:

- The spent sand blast material will be confined to the graveled road within the discharge plan boundaries.
- This disposal shall be a one time application, and will not exceed the volume approved.
- The sand blast material shall not be allowed to enter any water course.
- Hazardous waste limits will not be exceeded.

NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

Mr. David Bays
August 25, 1995
Page 2

Please be advised that OCD approval of this request does not relieve you of liability should your operation result in pollution of surface water, ground water, or the environment.

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

Sincerely,



Mark Ashley
Geologist

xc: OCD Aztec Office

Z 765 962 760



Receipt for
Certified Mail
No Insurance Coverage Provided
Do not use for International Mail
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PS Form 3800, March 1993

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Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	



NEW MEXICO OIL CONSERVATION DIVISION
RECEIVED

1995 AUG 24 AM 8 52

P. O. Box 4990
FARMINGTON, NEW MEXICO 87499

August 22, 1995

Mr. Mark Ashley
New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, NM 87505

Dear Mr. Ashley:

During the 1995 annual plant maintenance shut down, the El Paso Natural Gas Co. Blanco Plant generated approximately 1,500 pounds of spent sand blasting material. The blasting material was used to remove paint from boiler piping and boiler condensate storage tanks to prepare the surface for repainting.

Analysis of four composite samples from the used blasting material indicated that the levels of lead and chromium are well below characteristically hazardous waste limits. No lead was detected, and the chromium levels ranged from 0.04 parts per million to 0.48 parts per million. A copy of the analysis results and a diagram of the composite sample sources are attached. Based on the test results, EPNG would like to spread the used blasting material on a graveled road within the Blanco Plant property. Please let us know if that is an acceptable disposal method for this material.

For any additional information needed, please contact me at the above address, or at (505) 599-2256.

Sincerely yours,

A handwritten signature in cursive script that reads 'David Bays'.

David Bays, REM
Sr. Environmental Scientist

cc: Denny Foust, NMOCD - Aztec
Sandra Miller/Patrick Marquez/Blanco Plant file



Analytical **Technologies**, Inc.

2709-D Pan American Freeway, NE Albuquerque, NM 87107
Phone (505) 344-3777 FAX (505) 344-4413

ATI I.D. 507335

July 25, 1995

El Paso Natural Gas Co.
P.O. Box 4990
Farmington, NM 87499

Project Name/Number: **BLASTING SLAG PAINT CHIPS**

Attention: John Lambdin

On **07/13/95**, Analytical Technologies, Inc., (ADHS License No. AZ0015), received a request to analyze **non-aqueous** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

All analyses were performed by Analytical Technologies, Inc., 11 East Olive Road, Pensacola, FL.

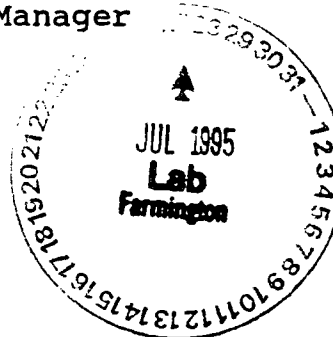
If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

Kimberly D. McNeill
Project Manager

MR:jt

Enclosure

H. Mitchell Rubenstein, Ph.D.
Laboratory Manager





Analytical Technologies, Inc.

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 507292
Client: ANALYTICAL TECHNOLOGIES, INC.
Project Number: 9507335
Project Name: EPN
Project Location: BLASTING STAG PAINT CHIP
Test: Group of Single Metals
QcLevel: II

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: 9507335-01			Lab ID:001		
CHROMIUM, TCLP (6010)	MG/L	0.04	0.01	H6T065	
LEAD, TCLP (6010)	MG/L	ND	0.05	P6T065	

Comments:

Client ID: 9507335-02			Lab ID:002		
CHROMIUM, TCLP (6010)	MG/L	0.19	0.01	H6T065	
LEAD, TCLP (6010)	MG/L	ND	0.05	P6T065	

Comments:

Client ID: 9507335-03			Lab ID:003		
CHROMIUM, TCLP (6010)	MG/L	0.46	0.01	H6T065	
LEAD, TCLP (6010)	MG/L	ND	0.05	P6T065	

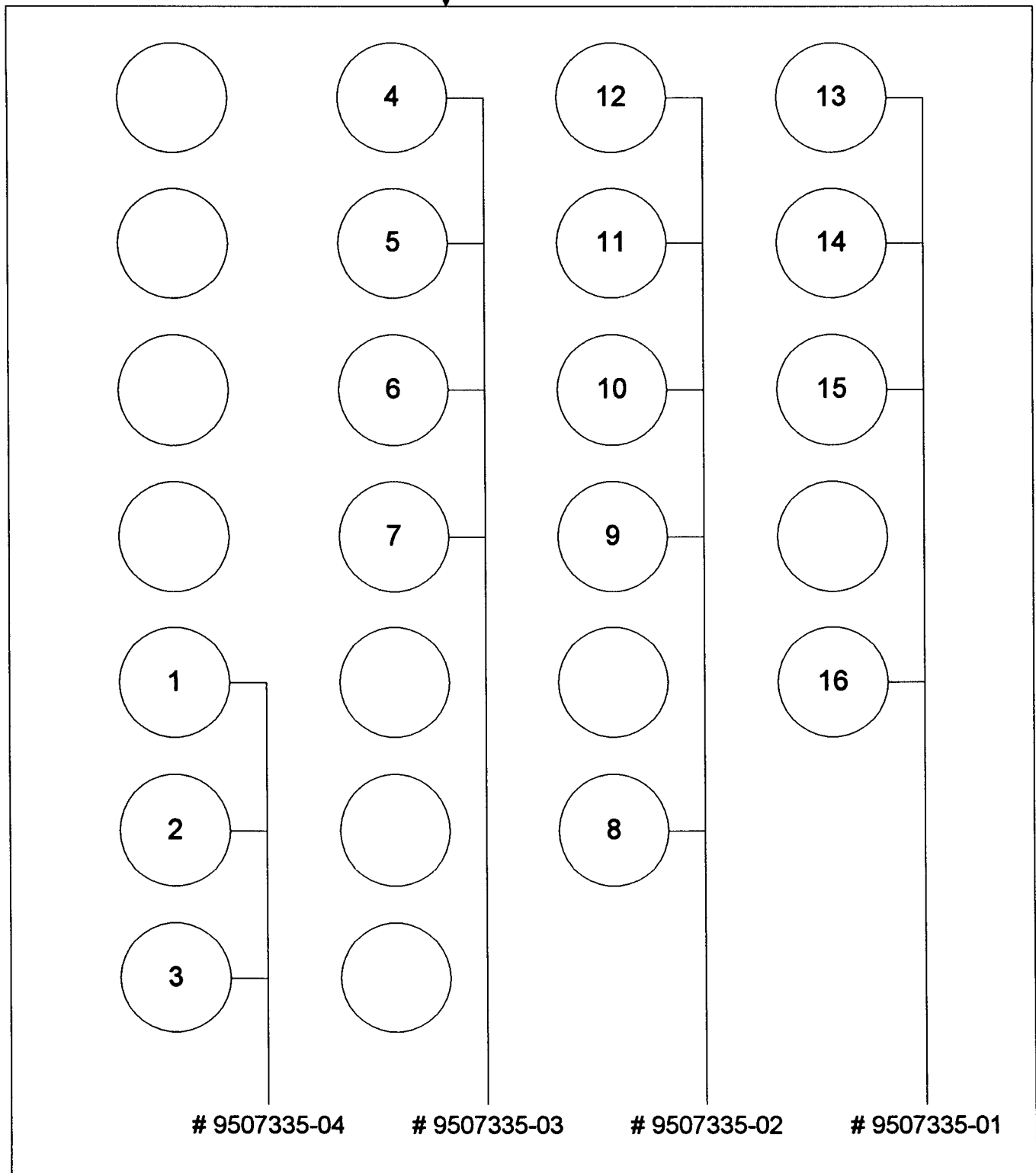
Comments:

Client ID: 9507335-04			Lab ID:004		
CHROMIUM, TCLP (6010)	MG/L	0.48	0.01	H6T065	
LEAD, TCLP (6010)	MG/L	ND	0.05	P6T065	

Comments:

Concrete Pad

Drums sampled to make
four composite samples of
sand blasting mater -
EPNG Blanco Plant





OIL CONSERVATION DIVISION
RECEIVED
JUN 8 1995

P. O. BOX 4990
FARMINGTON, NEW MEXICO 87499

June 1, 1995

Mr. Chris Eustice
New Mexico Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87504

Re: Earthen Cooling Pond Closure at El Paso Natural Gas Company's Blanco Plant

Dear Mr. Eustice,

Enclosed is the analysis for Blanco Plant's Earthen Cooling Pond. As per the October 11, 1994 letter to NMOCD requesting approval for construction, EPNG is required to submit the analysis prior to closure.

As stated in the closure plan it is EPNG's intention to cap the pond with clean fill to prevent pooling. Please review the analysis and respond to me at your earliest convenience.

Should you have questions or need further information, please do not hesitate to call at (505) 599-2175.

Thank you,

Patrick Marquez
Compliance Engineer
599-2175

cc:

w/attachment
Denny Foust (NMOCD)

w/o attachments (EPNG)
Calvin Applewhite
Richard Carr
Dale Crenshaw
David Hall
Lyle Tinker
Sandra Miller/David Bays/ File:5200 Regulatory

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

October 11, 1995

Subject: Approval of Boiler Water Cooling Basin Installation and Closure of Existing Earthen Cooling Pond at El Paso Natural Gas Company's Blanco Plant.

Dear Mr. Anderson:

El Paso Natural Gas company request approval of the subject installation and closure plan.

Operation

The process of generating clean boiler feedwater may be summarized as follows. Raw water enters the evaporator, vaporizes, condenses and is used as boiler feedwater. Dissolved solids which enter with the raw water are filtered, backwashed and blown to the cooling pond. The backwash is cooled and eventually goes to the City of Bloomfield.

Cooling Basin Installation

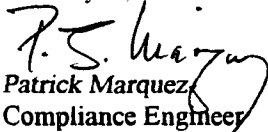
- The cooling basin will replace the existing earthen, unlined cooling pond as a condition of the existing Blanco Discharge Plan.
- The cooling basin will be placed just north of the earthen cooling pond to minimize the need for additional piping. A map of the area is attached.
- The pond/basin has/will primarily receive raw water filter backwash, approximately 12,000 gallons per day. Other streams of lesser volume include evaporator and boiler blowdown.
- Construction of the concrete basin will include the use of a 30 mil liner and a leak detection system. Details are attached for your review.
- The basin will have adequate freeboard to prevent overtopping.

Pond Closure

- Upon completion of the Cooling Basin Installation a composite sample of the pond bottom and pond walls will be collected and analyzed for RCRA TCLP Metals and TCLP Organics. Analytical results will be forwarded to your office as they are received.
- Upon approval of the test results the pond will be filled with the earthen berm material. Clean soil will be used to cap the pond for stormwater drainage.

EPNG respectfully request the approval of the Cooling Basin Installation and Pond Closure. Should you have questions or concerns, please call at (505) 599 2175.

Thank you,


Patrick Marquez
Compliance Engineer



April 25, 1995

John Lambdin
El Paso Natural Gas Co.
Field Services Lab
P.O. Box 4990
Farmington, NM 87499

Acceptable
18
5/24/95

Laboratory Job Number: 3065

On April 6 we received 2 sample(s).
We performed the following analyses:

All samples were analyzed according to Methods specified in the work plan or Chain of Custody. Any deviations or exceptions to the standard methods are covered in Data Validation Notes.

All samples were extracted and analyzed within required holding times unless so noted.

Lab Notes:

These samples were sent to Sound Analytical for TCLP Metals D004 through D011 and TCLP Volatile Organics analyses.

Analysis and review was complete on April 24.

Sincerely,

Della K. Wilson

Della K. Wilson
Project Manager
(206) 227-6102
Burlington Environmental Corporate Lab
Washington Accreditation #C021



BURLINGTON ENVIRONMENTAL INC.
CORPORATE LABORATORY
ANALYTICAL REPORT

Client:

El Paso Natural Gas Co.
Field Services Lab
P.O. Box 4990
Farmington, NM
87499

Date Received: 4/ 6/95
Date Sampled: 4/ 4/95
Date Reported: 4/24/95

Laboratory No.: 95-A5571
Sample ID.: 950377

Job Number: 3065

Analyte	Results	Units	Method	Analyst	Date
Outside Lab Analysis	SAS #47738-1	attached.			

Reviewed By :

B. Wilson

4/24/95

SOUND ANALYTICAL SERVICES, INC.

ANALYTICAL & ENVIRONMENTAL CHEMISTS

4813 PACIFIC HIGHWAY EAST, TACOMA, WASHINGTON 98424 - TELEPHONE (206)922-2310 - FAX (206)922-5047

TRANSMITTAL MEMORANDUM

DATE: April 19, 1995

TO: Kelly Bottem
Philip Environmental Laboratory

PROJECT: EPNG-Blanco
P.O. No. 54331

LABORATORY NUMBER: 47738

Enclosed are the original and one copy of the Tier II data deliverables package for Laboratory Work Order Number 47738. Two samples were received for analysis at Sound Analytical Services, Inc., on April 6, 1995.

Should there be any questions regarding this data package, please do not hesitate to call me at (206) 922-2310.

Sincerely,



Andrew J. Riddell
Project Manager

AJR:tm

SOUND ANALYTICAL SERVICES, INC.

ANALYTICAL & ENVIRONMENTAL CHEMISTS

4813 PACIFIC HIGHWAY EAST, TACOMA, WASHINGTON 98424 - TELEPHONE (206)922-2310 - FAX (206)922-5047

Report To: Philip Environmental
Laboratory

Date: April 19, 1995

Report On: Analysis of Sludge

Lab No.: 47738

IDENTIFICATION:

Samples received on 04-06-95

Project: EPNG-Blanco

P.O. No. 54331

Blanco Plant
Cooling Pond Soil

ANALYSIS:

Lab Sample No. 47738-1

Client ID: 95-0377
95-A5571

Toxicity Characteristic Leaching Procedure (TCLP) Method 1311

ICP Metals by EPA Method 6010

Date Extracted: 4-16-95

Date Analyzed: 4-17-95

Units: mg/L

<u>Parameter</u>	<u>Result</u>	<u>PQL</u>	<u>Max Conc.</u>
Arsenic	ND	0.10	5.0
Barium	0.42	0.005	100.0
Cadmium	0.009	0.005	1.0
Chromium	ND	0.01	5.0
Lead .05	0.06	0.05	5.0
Selenium	ND	0.15	1.0
Silver	ND	0.01	5.0

Mercury by Cold Vapor AA Per EPA Method 7470

Date Analyzed: 4-17-95

Units: mg/L

<u>Parameter</u>	<u>Result</u>	<u>PQL</u>	<u>Max Conc.</u>
Mercury	ND	0.002	0.2

ND - Not Detected

PQL - Practical Quantitation Limit

PASSED
5/24/95

SOUND ANALYTICAL SERVICES, INC.

Client Name

Client ID:

Lab ID:

Date Received:

Date Prepared:

Date Analyzed:

% Solids

Burlington Environmental Laboratory

950377 95-A5571

47738-01

4/6/95

4/17/95

4/17/95

Blanco Plant
Cooling Pond
Soil

TCLP Volatile Organics by USEPA Method 8240

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
1,2-Dichloroethane-d4	96		76	114
Toluene-d8	105		88	110
Bromofluorobenzene	99		86	115

Analyte	Result (mg/L)	PQL	Flags
Vinyl Chloride	ND	0.2	
1,1-Dichloroethene	ND	0.1	
Chloroform	ND	0.1	
1,2-Dichloroethane	ND	0.1	
2-Butanone (MEK)	ND	0.1	
Carbon Tetrachloride	ND	0.1	
Trichloroethene	ND	0.1	
Benzene	ND	0.1	
Tetrachloroethene	ND	0.1	
Chlorobenzene	ND	0.1	

Passed
8/5/95

SOUND ANALYTICAL SERVICES INC.

Client Name

Client ID:

Lab ID:

Date Received:

Date Prepared:

Date Analyzed:

% Solids

Burlington Environmental Laboratory

950377 95-A5571

47738-01

4/6/95

4/17/95

4/18/95

-

Blanco Plant
Cooling Pond
Soil

TCLP Semivolatile Organics by USEPA Method 8270

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
Nitrobenzene - d5	46		35	114
2 - Fluorobiphenyl	49		43	116
p - Terphenyl - d14	54		33	141
Phenol - d5	43		10	94
2 - Fluorophenol	59		21	100
2,4,6 - Tribromophenol	64		10	123

Analyte	Result (mg/L)	PQL	Flags
1,4-Dichlorobenzene	ND	0.01	
2-Methylphenol	ND	0.01	
3 & 4-Methylphenol	ND	0.01	
Hexachloroethane	ND	0.01	
Nitrobenzene	ND	0.01	
Hexachlorobutadiene	ND	0.01	
2,4,6-Trichlorophenol	ND	0.01	
2,4,5-Trichlorophenol	ND	0.01	
2,4-Dinitrotoluene	ND	0.01	
Hexachlorobenzene	ND	0.01	
Pentachlorophenol	ND	0.05	
Pyridine	ND	0.01	

Passed

J
4/24/95

SOUND ANALYTICAL SERVICES, INC.

ANALYTICAL & ENVIRONMENTAL CHEMISTS

4813 PACIFIC HIGHWAY EAST, TACOMA, WASHINGTON 98424 - TELEPHONE (206)922-2310 - FAX (206)922-5047

QUALITY CONTROL REPORT

TCLP Metals

Client: Philip Environmental Laboratory
Lab No: 47738q1
Units: mg/L

Date Extracted: 4-16-95
Date Analyzed: 4-17-95

METHOD BLANK

Parameter	Result	PQL
Arsenic	ND	0.10
Barium	ND	0.005
Cadmium	ND	0.005
Chromium	ND	0.01
Lead	ND	0.05
Selenium	ND	0.015
Silver	ND	0.01

ND - Not Detected

PQL - Practical Quantitation Limit

SOUND ANALYTICAL SERVICES INC.

Lab ID:	Method Blank - A3509
Date Received:	-
Date Prepared:	4/17/95
Date Analyzed:	4/17/95
% Solids	-

TCLP Volatile Organics by USEPA Method 8240

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
1,2-Dichloroethane-d4	92		76	114
Toluene-d8	104		88	110
Bromofluorobenzene	99		86	115

Analyte	Result (mg/L)	PQL	Flags
Vinyl Chloride	ND	0.01	
1,1-Dichloroethene	ND	0.005	
Chloroform	ND	0.005	
1,2-Dichloroethane	ND	0.005	
2-Butanone (MEK)	ND	0.005	
Carbon Tetrachloride	ND	0.005	
Trichloroethene	ND	0.005	
Benzene	ND	0.005	
Tetrachloroethene	ND	0.005	
Chlorobenzene	ND	0.005	

Blank Spike/Blank Spike Duplicate Report

Lab ID: A3509
Date Prepared: 4/17/95
Date Analyzed: 4/17/95
QC Batch ID: A3509

Volatile Organics by USEPA Method 8240

Compound Name	Blank Result (mg/L)	Spike Amount (mg/L)	BS Result (mg/L)	BS % Rec.	BSD Result (mg/L)	BSD % Rec.	RPD	Flag
Vinyl Chloride	0	0.05	0.045	90	0.046	92	2.2	
1,1-Dichloroethene	0	0.05	0.034	68	0.037	74	8.5	
Chloroform	0	0.05	0.033	66	0.034	68	3.0	
1,2-Dichloroethane	0	0.05	0.032	64	0.033	66	3.1	
2-Butanone (MEK)	0	0.05	0.039	78	0.04	80	2.5	
Carbon Tetrachloride	0	0.05	0.035	70	0.036	72	2.8	
Trichloroethene	0	0.05	0.032	64	0.034	68	6.1	
Benzene	0	0.05	0.033	66	0.034	68	3.0	
Tetrachloroethene	0	0.05	0.033	66	0.035	70	5.9	
Chlorobenzene	0	0.05	0.033	66	0.034	68	3.0	

SOUND ANALYTICAL SERVICES INC.

Lab ID:	Method Blank - SV327
Date Received:	-
Date Prepared:	4/17/95
Date Analyzed:	4/18/95
% Solids	-

TCLP Semivolatile Organics by USEPA Method 8270

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
Nitrobenzene - d5	58		35	114
2 - Fluorobiphenyl	57		43	116
p - Terphenyl - d14	68		33	141
Phenol - d5	56		10	94
2 - Fluorophenol	86		21	100
2,4,6 - Tribromophenol	83		10	123

Analyte	Result (mg/L)	PQL	Flags
1,4-Dichlorobenzene	ND	0.01	
2-Methylphenol	ND	0.01	
3 & 4-Methylphenol	ND	0.01	
Hexachloroethane	ND	0.01	
Nitrobenzene	ND	0.01	
Hexachlorobutadiene	ND	0.01	
2,4,6-Trichlorophenol	ND	0.01	
2,4,5-Trichlorophenol	ND	0.01	
2,4-Dinitrotoluene	ND	0.01	
Hexachlorobenzene	ND	0.01	
Pentachlorophenol	ND	0.05	
Pyridine	ND	0.01	

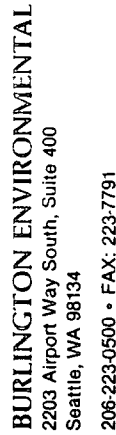
SOUND ANALYTICAL SERVICES INC.

Blank Spike/Blank Spike Duplicate Report

Lab ID: SV327
Date Prepared: 4/17/95
Date Analyzed: 4/18/95
QC Batch ID: SV327

Semivolatile Organics by USEPA Method 8270

Compound Name	Blank Result (mg/L)	Spike Amount (mg/L)	BS Result (mg/L)	BS % Rec.	BSD Result (mg/L)	BSD % Rec.	RPD	Flag
1,4-Dichlorobenzene	0	0.2	0.11	55	0.1	52	5.4	
2-Methylphenol	0	0.2	0.13	65	0.12	58	11.0	
3 & 4-Methylphenol	0	0.4	0.27	68	0.25	63	7.2	
Hexachloroethane	0	0.2	0.12	60	0.11	56	6.4	
Nitrobenzene	0	0.2	0.18	91	0.2	98	7.5	
Hexachlorobutadiene	0	0.2	0.098	49	0.11	54	8.8	
2,4,6-Trichlorophenol	0	0.2	0.15	77	0.17	84	9.5	
2,4,5-Trichlorophenol	0	0.2	0.14	68	0.14	69	1.7	
2,4-Dinitrotoluene	0	0.2	0.14	71	0.15	77	8.6	
Hexachlorobenzene	0	0.2	0.17	83	0.17	83	0.5	
Pentachlorophenol	0	0.2	0.19	97	0.18	90	7.4	
Pyridine	0	0.2	0.067	34	0.091	46	31.0	



Chain of Custody/ Laboratory Analysis Request

DATE 4-5-95 PAGE 1 OF 1

PROJECT	CLIENT INFO. CONTACT	#		
CHEMPRO DIVISION/GENERATOR NAME				
TELEPHONE #	505 599 2144			
SAMPLERS NAME	Roeck Bizzell	PHONE 505 599 2112		
SAMPLERS SIGNATURE	<i>[Signature]</i>			
SAMPLE ID.	DATE	TIME	LAB ID	TYPE
1. 950377	4.4.95	11:30	95A6571	
2. 950378	4.4.95	1410	95A5572	
3.				
4.				
5.				
6.				
7.				
8.				
Relinquished By	Signature	Printed Name	Firm	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	Roeck Bizzell	EK P&S NAT GAS	4.5.95 0925
Received By	Signature	Printed Name	Firm	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	KATHI KREPS	BEI LAB	4/6/95 1030

ANALYSIS REQUESTED										OTHER (Specify)	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
BASE NEU ACID ORGAN	GC/MS 525 8270											
VOLATILE ORGANICS	GC/MS 624/8240											
PCB	608 8030											
TPH (core method)	418 - 0.8015											
BETX (core method)	8240 - 0.8020											
F-LISTED SOLVENTS	8240											
TCLP - LISTED SOLVENTS	1311 8240											
TCLP METALS	D004...											
METALS (TOTAL)	As, Ba, Cd, Cr, Cu, Pb, Ni, Hg, Ag, Se, Ti, Sb, Zn											
VOLATILES (specify methods)	GC/MS 525 8270											
DISCHARGE TESTING												
OTHER (Specify)												

pH, ignitability & reactivity cancelled per John Lambdin 4/6/95 Jatty O'neal

SPECIAL INSTRUCTIONS/COMMENTS:

Relinquished By
 Signature
 Printed Name
 Firm
 Date/Time

Received By
 Signature
 Printed Name
 Firm
 Date/Time

pH, ignitability &
reactivity cancelled
per John Lambdin
4/6/95 Kathy Gress



OIL CONSERVATION DIVISION

RECEIVED

P. O. BOX 4990
FARMINGTON, NM 87499
PHONE: 505-599-2202

'95 JUN 28 AM 8 52

June 26, 1995

William J. LeMay, Director
New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, NM 87505

Re: Discharge Plan GW-49
Blanco Plant
San Juan County, NM

Dear Mr. LeMay:

In accordance with your letter authorizing modifications to the wastewater disposal system at the Blanco Plant, enclosed please find a check for the required \$50.00 filing fee.

For any additional information needed, please contact me at the above address, or at (505) 599-2256.

Sincerely yours,

David Bays, REM
Sr. Environmental Scientist

cc: Blanco Plant File 5200

RECEIVED

JUN 28 1995

Environmental Bureau
Oil Conservation Division

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. 7346569 dated 6/22/95,
or cash received on 6/28/95 in the amount of \$ 50.00
from EPNG

for Blanco GW-49
(Facility Name) (DP No.)

Submitted by: _____ Date: _____

Submitted to ASD by: Roger Anderson Date: 7/10/95

Received in ASD by: [Signature] Date: 7-11-95

Filing Fee ☒ New Facility _____ Renewal _____

Modification ☒ Other _____
(specify)

Organization Code 521.07 Applicable FY 96

To be deposited in the Water Quality Management Fund.

Full Payment _____ or Annual Increment _____



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

62-20
311

06/22/95
Date

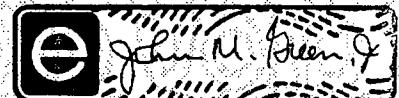
PAY TO THE ORDER OF

NMED WATER QUALITY MANAGEMENT
2040 S PACHECO
SANTA FE NM 87505

PAY AMOUNT

\$50.00

Void After 1 Year



EL PASO NATURAL GAS COMPANY

REMITTANCE ADVICE

Vendor Number

018711 001

Check Date

06/22/95

Check Number

007346569

VOUCHER NUMBER	INVOICE NUMBER	AMOUNT		
		Invoice	Discount	Net
REFER PAYMENT INQUIRIES TO ACCOUNTS PAYABLE (915) 541-5354				
VOUCHER NO	INVOICE NO	GROSS	DISCOUNT	NET
000493223	CKREQ950616	50.00	.00	50.00
BLANCO PLANT DISCHARGE PLAN				
TOTALS		50.00	.00	50.00

Mark Ashley

From: Denny Foust
To: Mark Ashley
Subject: RE: EPNG Blanco GW-49 Modification
Date: Thursday, June 15, 1995 7:23AM

Mark, the only thing i am curious about is on page 16 where all produced water goes to the non-commercial meridian McGrath #4 SWD--what is the justification?--Is all gas Meridian that is being treated?-- from 2/10/95 document , I don't have May 4 document from El Paso

From: Mark Ashley
To: Frank Chavez
Cc: Denny Foust
Subject: EPNG: Blanco GW-49 Modification
Date: Wednesday, June 14, 1995 11:22AM
Priority: High

Please comment by June 15, 1995.

Thanks Denny

Mark

June 14, 1995

CERTIFIED MAIL
RETURN RECEIPT NO. Z-765-962-733

Mr. David Bays
El Paso Field Services
El Paso Natural Gas Company
P.O. Box 4990
Farmington, New Mexico 87499

RE: Discharge Plan GW-049 Modification
Skimmer Basin Modification
"A" Plant Sump Installation
Blanco Plant
San Juan County, New Mexico

Dear Mr. Bays:

The discharge plan modification of GW-049 for the El Paso Natural Gas Company (EPNG), Blanco Plant Compressor located in Section 14, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico, is hereby approved under the conditions contained in the enclosed attachment. The discharge plan modification consists of the application dated May 4, 1995.

The discharge plan modification was submitted pursuant to Section 3-107.C of the New Mexico Water Quality Control Commission (WQCC) Regulations. Based on the information provided in the modification application and in the approved discharge plan, it is approved pursuant to Section 3-109.A. Please note Sections 3-109.E and 3-109.F. which provide for possible future amendments or modifications of the plan. Please be advised the approval of this plan does not relieve you of liability should your operation result in pollution of surface water, ground water, or the environment. In addition, OCD approval does not relieve EPNG of responsibility for compliance with any other federal, state or local laws and/or regulations.

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 3-104 of the regulations require "When a facility has been approved, discharges must be consistent with the terms and conditions of the plan." Pursuant to Section 3-107.C. you are 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.

The modification application for El Paso Natural Gas Company is subject to the WQCC Regulation 3-114.B.1.(b).3 discharge plan modification fee. But, due to the timing of the discharge plan renewal and modification the New Mexico Oil Conservation Division (OCD) has chosen to waive the flat rate of six hundred and ninety dollars (\$690.00) for gas compressor station discharge plan modifications. El Paso Natural Gas Company is still responsible for the filing fee of fifty (50) dollars. The fifty (50) dollar filing fee has not been received by the OCD, and shall be submitted on receipt of this letter.

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

On behalf of the staff of the OCD, I wish to thank you and your staff for your cooperation during this discharge plan review. If you have any questions, please contact Mark Ashley of my staff at (505) 827-7155.

Sincerely,

William J. LeMay
Director

WJL/mwa
Attachment

xc: OCD Aztec Office

ATTACHMENT TO THE DISCHARGE PLAN GW-049 MODIFICATION
EL PASO NATURAL GAS COMPANY
BLANCO PLANT
DISCHARGE PLAN REQUIREMENTS
(June 14, 1995)

1. Payment of Discharge Plan Fees: The fifty (50) dollar filing fee shall be submitted upon receipt of this approval.
2. Drum Storage: All drums will be stored on pad and curb type containment.
3. Sump Inspection: All pre-existing single-lined sumps at this facility will be cleaned and visually inspected on an annual basis. The inspection will coincide with the annual scheduled plant shutdown.

Any new or rebuilt sumps or below-grade tanks will incorporate leak detection in their designs and will be approved by the OCD prior to installation.
4. Berms: All tanks that contain materials other than freshwater will be bermed to contain one and one-third (1-1/3) the capacity of the largest tank within the berm or one and one-third (1-1/3) the total capacity of all interconnected tanks.
5. Above Grade Tanks: All above ground tanks (saddle tanks) will be on impermeable pad and curb type containment.
6. Pressure Testing: All discharge plan facilities are required to pressure test all underground piping at the time of discharge plan renewal. All new underground piping shall be designed and installed to allow for isolation and pressure testing at 3 psi above normal operating pressure.
7. Spills: All spills and/or leaks will be reported to the OCD Santa Fe and Aztec District Offices pursuant to WQCC Rule 1-203 and OCD Rule 116.
8. Pads: All compressor pads will have lips or curb type containment installed to prevent contaminants from running onto the ground surface.

All containment areas must remain free of any sediments and/or fluids. Routine inspections will be made of all such areas and any sediments and/or fluids found will be removed and disposed of at an approved facility.

Mark Ashley

From: Denny Foust
Date sent: Wednesday, June 14, 1995 11:20AM
To: Mark Ashley
Subject: Registered: Denny Foust

Your message

To: Denny Foust
Subject: EPNG Blanco GW-49 Modification
Date: Wednesday, June 14, 1995 11:22AM
was accessed on
Date: Wednesday, June 14, 1995 11:20AM

Mark Ashley

From: Frank Chavez
Date sent: Wednesday, June 14, 1995 1:37PM
To: Mark Ashley
Subject: Registered: Frank Chavez

Your message

To: Frank Chavez
Subject: EPNG Blanco GW-49 Modification
Date: Wednesday, June 14, 1995 11:22AM
was accessed on
Date: Wednesday, June 14, 1995 1:37PM

Mark Ashley

From: Mark Ashley
To: Frank Chavez
Cc: Denny Foust
Subject: EPNG Blanco GW-49 Modification
Date: Wednesday, June 14, 1995 11:22AM
Priority: High

Please comment by June 15, 1995.

Thanks Denny

Mark

June 14, 1995

CERTIFIED MAIL
RETURN RECEIPT NO. Z-765-962-733

Mr. David Bays
El Paso Field Services
El Paso Natural Gas Company
P.O. Box 4990
Farmington, New Mexico 87499

RE: Discharge Plan GW-049 Modification
Skimmer Basin Modification
"A" Plant Sump Installation
Blanco Plant
San Juan County, New Mexico

Dear Mr. Bays:

The discharge plan modification of GW-049 for the El Paso Natural Gas Company (EPNG), Blanco Plant Compressor located in Section 14, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico, is hereby approved under the conditions contained in the enclosed attachment. The discharge plan modification consists of the application dated May 4, 1995.

The discharge plan modification was submitted pursuant to Section 3-107.C of the New Mexico Water Quality Control Commission (WQCC) Regulations. Based on the information provided in the modification application and in the approved discharge plan, it is approved pursuant to Section 3-109.A. Please note Sections 3-109.E and 3-109.F. which provide for possible future amendments or modifications of the plan. Please be advised the approval of this plan does not relieve you of liability should your operation result in pollution of surface water, ground water, or the environment. In addition, OCD approval does not relieve EPNG of responsibility for compliance with any other federal, state or local laws and/or regulations.

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 3-104 of the regulations require "When a facility has been approved, discharges must be consistent with the terms and conditions of the plan." Pursuant to Section 3-107.C. you are 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.

The modification application for El Paso Natural Gas Company is subject to the WQCC Regulation 3-114.B.1.(b).3 discharge plan modification fee. But, due to the timing of the discharge plan renewal and modification the New Mexico Oil Conservation Division (OCD) has chosen to waive the flat rate of six hundred and ninety dollars (\$690.00) for gas compressor station discharge plan modifications. El Paso Natural Gas Company is still responsible for the filing fee of fifty (50) dollars. The fifty (50) dollar filing fee has not been received by the OCD, and shall be submitted on receipt of this letter.

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

On behalf of the staff of the OCD, I wish to thank you and your staff for your cooperation during this discharge plan review. If you have any questions, please contact Mark Ashley of my staff at (505) 827-7155.

Sincerely,

William J. LeMay
Director

WJL/mwa
Attachment

xc: OCD Aztec Office

ATTACHMENT TO THE DISCHARGE PLAN GW-049 MODIFICATION
EL PASO NATURAL GAS COMPANY

BLAN
DISC
(Jun

CO PLANT
HARGE PLAN REQUIREMENTS
e 14, 1995)

1. Payment of Discharge Plan Fees: The fifty (50) dollar filing fee shall be submitted upon receipt of this approval.

2. Drum Storage: All drums will be stored on pad and curb type containment.
3. Sump Inspection: All pre-existing single-lined sumps at this facility will be cleaned and visually inspected on an annual basis. The inspection will coincide with the annual scheduled plant shutdown.

Any new or rebuilt sumps or below-grade tanks will incorporate leak detection in their designs and will be approved by the OCD prior to installation.

4. Berms: All tanks that contain materials other than freshwater will be bermed to contain one and one-third (1-1/3) the capacity of the largest tank within the berm or one and one-third (1-1/3) the total capacity of all interconnected tanks.
5. Above Grade Tanks: All above ground tanks (saddle tanks) will be on impermeable pad and curb type containment.
6. Pressure Testing: All discharge plan facilities are required to pressure test all underground piping at the time of discharge plan renewal. All new underground piping shall be designed and installed to allow for isolation and pressure testing at 3 psi above normal operating pressure.
7. Spills: All spills and/or leaks will be reported to the OCD Santa Fe and Aztec District Offices pursuant to WQCC Rule 1-203 and OCD Rule 116.
8. Pads: All compressor pads will have lips or curb type containment installed to prevent contaminants from running onto the ground surface.

All containment areas must remain free of any sediments and/or fluids. Routine inspections will be made of all such areas and any sediments and/or fluids found will be removed and disposed of at an approved facility.



OIL CONSERVATION DIVISION
RECEIVED

35 MAY 8 AM 8 58
P.O. Box 4990
SANTA FE, NEW MEXICO 87499

May 4, 1995

William L. LeMay, Director
New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, NM 87505

Re: Discharge Plan GW-49
Blanco Plant
San Juan County, NM

Dear Mr. LeMay:

El Paso Natural Gas Company is requesting authorization to make two modifications to the wastewater handling system at the Blanco Plant.

Skimmer Basin Modification

The oily wastewater end (upper chamber) of the skimmer basin currently consists of a single walled concrete vault. The oil/water separation is done using a floating skimmer in the upper chamber. This chamber is to be replaced with a double walled, epoxy coated steel tank with an internal oil/water separation weir. The new tank will be identified as the Contact Wastewater Skimmer Tank. The tank will be installed inside the existing concrete chamber, but the concrete will be used only as a support base for the tank, not as a part of the separation system. The interstitial space between the inner and outer walls will be inspected monthly to identify any leaks in the tank.

The oil free wastewater will still discharge into the non-contact side (lower chamber) of the skimmer basin. The lower chamber discharges directly to the City of Bloomfield wastewater treatment plant.

Mr. William LeMay
May 4, 1995
Page2

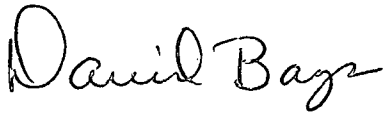
"A" Plant Sump Installation

EPNG also proposes to install a new, double walled, steel sump in the basement of the "A" Plant compressor building. The liquid level in the sump will be controlled by an electrically driven pump equipped with a level control switch. The pump will discharge into the existing contact wastewater line, which in turn discharges into the Contact Wastewater Skimmer Tank. The interstitial space between the inner and outer walls will be inspected monthly to identify any leaks in the sump.

This new sump will not cause in change in the quantity or quality of wastewater. It will reduce the possibility of oily wastewater standing in the eastern end of the compressor building basement for extended periods.

For any additional information needed, please contact me at the above address, or at (505) 599-2256.

Sincerely yours,

A handwritten signature in cursive script that reads "David Bays".

David Bays, REM
Sr. Environmental Scientist

cc: Mr. David Hall
Ms. Sandra Miller



OIL CONSERVATION DIVISION
RECEIVED

'95 MAY 8 AM 8 52

P. O. BOX 4990
FARMINGTON, NEW MEXICO 87499

May 5, 1995

CERTIFIED MAIL
RETURN RECEIPT NO. P 645 521 854

William J. LeMay, Director
New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, NM 87505

Re: Discharge Plan GW-49
Blanco Plant
San Juan County, NM

Dear Mr. LeMay:

On March 15, 1995 El Paso Natural Gas Co. received approval from the Oil Conservation Division for the above referenced Discharge Plan. The following information is submitted in response to the special conditions included in the attachment to that approval.

1. Payment of Discharge Plan Fees: Under a separate cover, El Paso Natural Gas Co. has forwarded a check in payment of the Discharge Plan Fee.
2. Drum Storage: All drums are currently being stored either inside the buildings where used, or on concrete pads with curbs.
3. Sump Inspection: All single lined sumps will be drained and inspected on an annual basis. See item 10, below, regarding the skimmer basin sump.
Berms: All tanks containing materials other than fresh water are equipped with berms sized to contain 1/3 more than the capacity of the largest vessel in the containment area.
4. Above Ground Tanks: All above ground tanks (saddle tanks) are equipped with curbed, concrete pads, or have been relocated inside the containment areas for other storage tanks.
5. Pressure Testing: The drain system for the entire plant was replaced during 1991. Funds have been budgeted to re-test the drain system during 1996, five years from the date of installation.
6. Spills: All spills and or leaks will be reported to the OCD in accordance with WQCC Rule 10293 and OCD Rule 116.

7. Pads: All compressors at the Blanco Plant are installed inside either the "A," "C," or "D" Compressor Buildings. These buildings are all equipped with curbs or full basements to collect any leaks or drips.
8. C-Plant: The drain valve on the curb and pad containment around the engine oil and antifreeze containers has been removed.
Funds have been budgeted to remove the old oily waste water sump at the C-Plant during 1996. Removal will begin during the second calendar quarter. Any soil contamination found around or under the sump during removal will be cleaned up in accordance with NMOCD Guidelines for Remediation of Leaks, Spills, and Releases.
9. Cooling Tower: Investigation of the "wind blown drift" from the C-Plant cooling tower revealed the following information:
 - a. Maintenance around the cooling tower during the week of February 7 resulted in the ground on the north side of the tower becoming saturated. Since this area dried out, no water has collected on the ground outside the tower basin, even during periods of high wind.
 - b. The cooling tower at C-Plant is operated at 2.0 to 3.0 cycles of concentration, so the total dissolved solids from the tower does not exceed 520 milligrams per liter. Groundwater in the immediate area is approximately 300 mg/L, so any release from the tower would not significantly impact groundwater.EPNG believes that the water present during the OCD visit to the Plant was a result of the maintenance activity rather than a result of wind blown drift, and that no further action should be required.
10. Skimmer Basin: The skimmer basin is made up of two chambers. The north, or upper chamber collects contact wastewater, and the lower chamber collects non-contact water. The water phase from the upper chamber discharges into the lower chamber after any hydrocarbon phase is skimmed off.

Permian Tank has been contracted to build a double walled steel tank with leak detection. This tank will be installed in the upper chamber during the annual Plant shut down during the week of June 6, 1995. Following installation of the double walled tank, all contact wastewater will be managed in the tank. The interstitial space on the tank will be inspected monthly to monitor for leaks in the inner tank wall.

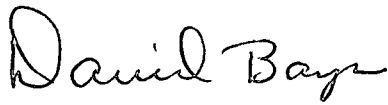
The lower chamber discharges directly to the City of Bloomfield wastewater treatment plant under the terms of a wastewater treatment agreement between Bloomfield and EPNG. The water in this chamber at all times meets the discharge limit of 600 mg/L. Since the water meets the City of Bloomfield discharge limits, EPNG believes that leak detection should not be necessary on the lower chamber.

Mr. William J. LeMay
April 14, 1995
Page 2

11. Filter Media: The raw water filtration media is sand. No treatment chemicals are added to the water treatment system. The sand in the filter vessels is not changed out on a periodic basis. It is only changed when the differential pressure across the sand bed indicates that the sand is becoming plugged with silt or algae. When it is necessary to change the sand filter media, the used sand will be spread in low lying areas of the plant as fill material.

For any additional information needed, please contact me at the above address, or at (505) 599-2256.

Sincerely yours,

A handwritten signature in cursive script that reads "David Bays".

David Bays, REM
Sr. Environmental Scientist

cc: Mr. David Hall
Ms. Sandra Miller

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. 67333613 dated 3/23/95
or cash received on 3/29/95 in the amount of \$ 690.00

from EL PASO NATURAL GAS Co

for BLANCO Comp STA

(Facility Name)

GW-049

(DP No.)

Submitted by: _____ Date: _____

Submitted to ASD by: ROGER ANDERSON Date: 3/29/95

Received in ASD by: _____ Date: _____

Filing Fee _____ New Facility _____ Renewal ☒

Modification _____ Other _____
(specify)

Organization Code 521.07 Applicable FY 95

To be deposited in the Water Quality Management Fund.

Full Payment ☒ or Annual Increment _____



P.O. BOX 1492
EL PASO, TX 79978

232 CBD

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

62-20
311

03/23/95
Date

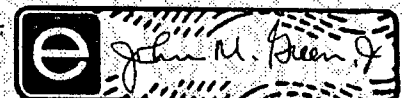
PAY TO THE ORDER OF

NMED WATER QUALITY MANAGEMENT
2040 S PACHECO
SANTA FE NM 87505

PAY AMOUNT

\$690.00

Void After 1 Year



07333613

031100209

38691601

EL PASO NATURAL GAS COMPANY

REMITTANCE ADVICE

Vendor Number

Check Date

Check Number

018711 001

03/23/95

007333613

VOUCHER
NUMBERINVOICE
NUMBER

AMOUNT

Invoice

Discount

Net

REFER PAYMENT INQUIRIES TO ACCOUNTS PAYABLE (915) 541-5354

VOUCHER NO

INVOICE NO

GROSS

DISCOUNT

NET

000464422

CKREQ950321

690.00

.00

690.00

REFERENCE: BLANCO PLANT DISCHARGE

PLANT FEE

RENEWAL GW-049

TOTALS

690.00

.00

690.00

AFFIDAVIT OF PUBLICATION

No. 34380

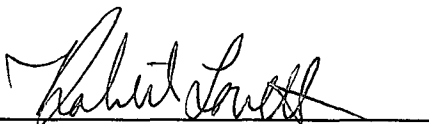
STATE OF NEW MEXICO

County of San Juan:

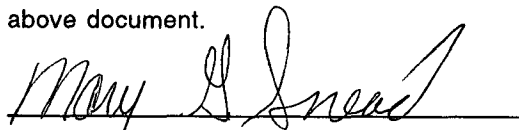
ROBERT LOVETT being duly sworn says: That he is the Classified Manager of **THE DAILY TIMES**, a daily newspaper of general circulation published in English at Farmington, said county and state, and that the hereto attached Legal Notice was published in a regular and entire issue of the said **DAILY 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):

Saturday, February 18, 1995

and the cost of publication was: \$32.42



On 3/10/95 **ROBERT LOVETT** appeared before me, whom I know personally to be the person who signed the above document.



My Commission Expires March 21, 1998.

OIL CONSERVATION DIVISION
RECEIVED

95 MAR 13 AM 8 58 COPY OF PUBLICATION

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 renewal 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-049) - **EL PASO NATURAL GAS Company**, 100 N. Stanton, El Paso, Texas, 79901 has submitted a renewal application for the previously approved discharge plan for their **BLANCO PLANT** facility located in Section 14, Township 29 North, Range 11 West, San Juan County, near Bloomfield New Mexico. The total discharge of waste water from the facility is about 44,000,000 gallons/year; more than 90% of this waste water is blowdown water from the plants cooling towers-which is classified as non-contact water with a TDS of less than 2,000 mg/l and contains no toxic hydrocarbon contaminants. The remaining waste water which is classified as contact water contains hydrocarbons. The free hydrocarbon phase is separated from the contact water and sold. The contact waste water is then commingled with the non-contact waste water and discharged to the city of Bloomfield public water treatment plant. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface varies in depth from 14 feet to 39 feet. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 10th day of February, 1995.

**STATE OF NEW MEXICO
OIL CONSERVATION DIVISION**

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

SEAL

Legal No. 34380 published in The Daily Times, Farmington, New Mexico, on Saturday, February 18, 1995.



Mark Ashley

From: Denny Foust
Date sent: Monday, March 20, 1995 7:11AM
To: Mark Ashley
Subject: Registered: Denny Foust

Your message

To: Denny Foust
Subject: Blanco Plant GW-49
Date: Tuesday, March 14, 1995 11:41AM
was accessed on
Date: Monday, March 20, 1995 7:11AM

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

OIL CONSERVATION DIVISION

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44,000,000 gallons/year; more than 80% of this waste water is blowdown water from the plants cooling towers which is classified as non-contact water with a TDS of less than 2,000 mg/l and contains no toxic hydrocarbon contaminants. The remaining waste water which is classified as contact water contains hydrocarbons. The free hydrocarbon phase is separated from the contact water and sold. The contact waste water is then commingled with the non-contact waste water and discharged to the city of Bloomfield public water treatment plant. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface varies in depth from 14 feet to 38 feet. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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GIVEN under the Seal of New Mexico.
Oil Conservation Commission, Santa Fe, New Mexico, on this 10th day of February, 1995.

STATE OF NEW MEXICO
County of Bernalillo SS

RECEIVED

MAR 07 1995

Environmental Bureau
Oil Conservation Division

Bill Tafoya being duly sworn declares and says that he is Classified Advertising manager of The Albuquerque Journal, and that this newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Session Laws of 1937, and that payment therefore has been made of assessed as court cost; that the notice, copy of which is hereto attached, was published in said paper in the regular daily edition, for 1 times, the first publication being of the 20th day of February, 1995, and the subsequent consecutive publications on _____, 1995

Sworn and subscribed to before me, a notary Public in and for the County of Bernalillo and State of New Mexico, this 20th day of Feb. 1995

PRICE

\$ 36.95

Statement to come at end of month.

CLA-22-A (R-1/93) ACCOUNT NUMBER C80932



OFFICIAL SEAL
Megan Millage
NOTARY PUBLIC
STATE OF NEW MEXICO

My Commission Expires:

5-20-98

NOTICE OF PUBLICATION

RECEIVED

OIL CONSERVATION DIVISION
RECEIVED

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

FEB 16 1995

2278
USFWS - NMESO

NOTICE 1-27 AM 8 52

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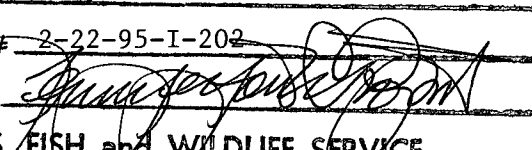
GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 10th day of February, 1995.

NO EFFECT FINDING

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

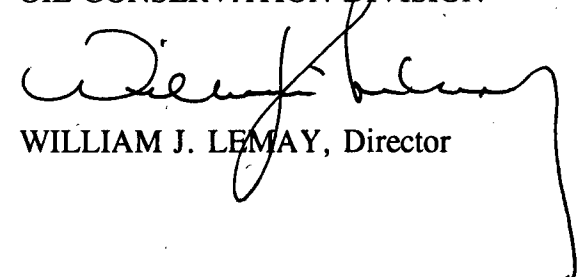
Date 24 February 1995

Consultation # 2-22-95-I-202

SEAL
Approved by 

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

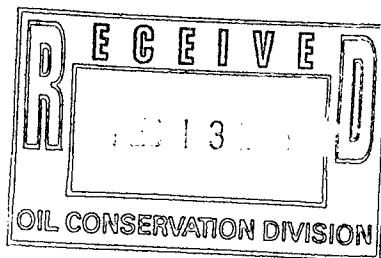
**STATE OF NEW MEXICO
OIL CONSERVATION DIVISION**


WILLIAM J. LEMAY, Director



P. O. BOX 4990
FARMINGTON, NM 87499
PHONE: 505-599-2202

February 10, 1995



William L. LeMay, Director
New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, NM 87505

Re: Discharge Plan GW-49
Blanco Plant
San Juan County, NM

RECEIVED

FEB 21 1995

Environmental Bureau
Oil Conservation Division

Dear Mr. LeMay:

El Paso Natural Gas Company is hereby requesting a renewal authorization for Discharge Plan GW-49 for the Blanco Plant. Two additional copies of the plan, along with a check for the required \$50.00 filing fee were delivered to the Mr. Roger Anderson of the Oil Conservation Division on February 9, 1995.

For any additional information needed, please contact me at the above address, or at (505) 599-2256.

Sincerely yours,

A handwritten signature in cursive script that reads 'David Bays'.

David Bays, REM
Sr. Environmental Scientist

cc: Mr. David Hall
Ms. Sandra Miller

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. 07412834 dated 2/6/95,
or cash received on _____ in the amount of \$ 5000
from EL PASO NATURAL GAS CO

for BLANCO GAS PLANT GW-49
(Facility Name)

Submitted by: _____ Date: _____
(DP No.)

Submitted to ASD by: CHRIS EUSTICE Date: 2-15-95

Received in ASD by: [Signature] Date: 2/15/95

Filing Fee ☒ New Facility ☐ Renewal ☐

Modification ☐ Other ☐
(specify)

Organization Code 521.07 Applicable FY 95

To be deposited in the Water Quality Management Fund.

Full Payment ☐ or Annual Increment ☐



EL PASO NATURAL GAS COMPANY
EL PASO, TEXAS

PAYABLE AT
CITIBANK — DELAWARE
WILMINGTON, DEL.

PAY TO THE ORDER OF

NMED-WATER QUALITY MANAGEMENT
P.O. BOX 2088
SANTA FE, NM 87504-2088

CONTROL NO

CHECK NO

07412834

62-20
311

02-06-95
Date

PAY AMOUNT

\$50.00*****

[Signature]
Authorized Signatory

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



February 13, 1995

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.)
2. 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 February 20, 1995.

Sincerely,

Z 765 963 311

Sally E. Martinez
Sally E. Martinez
Administrative Secretary

Attachment

VILLAGRA BUILDING - 408 Galisteo
Forestry and Resources Conservation Division
P.O. Box 1948 87504-1948
827-5830
Park and Recreation Division
P.O. Box 1147 87504-1147
827-7465



Receipt for
Certified Mail
No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to	
Street and No.	
Farmington Daily Times	
P.O. Box 450	
Farmington, NM 87401	
Postage	\$7.40
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

3300, March 1993

2040 South Pacheco

Office of the Secretary
827-5950
Administrative Services
827-5925
Energy Conservation & Management
827-5900
Mining and Minerals
827-5970
Oil Conservation
827-7131

NOTICE OF PUBLICATION

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

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

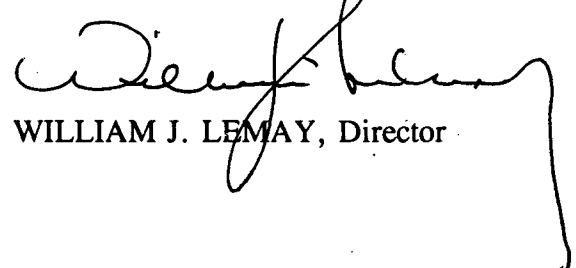
(GW-049) - EL PASO NATURAL GAS Company, 100 N. Stanton, El Paso, Texas, 79901 has submitted a renewal application for the previously approved discharge plan for their BLANCO PLANT facility located in Section 14, Township 29 North, Range 11 West, San Juan County, near Bloomfield New Mexico. The total discharge of waste water from the facility is about 44,000,000 gallons/year; more than 90% of this waste water is blowdown water from the plants cooling towers-which is classified as non-contact water with a TDS of less than 2,000 mg/l and contains no toxic hydrocarbon contaminants. The remaining waste water which is classified as contact water contains hydrocarbons. The free hydrocarbon phase is separated from the contact water and sold. The contact waste water is then commingled with the non-contact waste water and discharged to the city of Bloomfield public water treatment plant. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface varies in depth from 14 feet to 39 feet. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 10th day of February, 1995.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


WILLIAM J. LEMAY, Director

S E A L

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



February 13, 1995

ALBUQUERQUE JOURNAL
P. O. Drawer J-T
Albuquerque, New Mexico 87103

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.)
2. 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 February 20, 1995.

Sincerely,

Sally E. Martinez
Sally E. Martinez
Administrative Secretary

Attachment

VILLAGRA BUILDING - 408 Galisteo
Forestry and Resources Conservation Division
P.O. Box 1948 87504-1948
827-5830
Park and Recreation Division
P.O. Box 1147 87504-1147
827-7465

1 3800, March 1993

Z 765 963 307

 **Receipt for Certified Mail**
No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to <i>Journal</i>	
Street and No.	
P.O., State and ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

2040 South Pacheco
Office of the Secretary
827-5950
Administrative Services
827-5925
Energy Conservation & Management
827-5900
Mining and Minerals
827-5970
Oil Conservation
827-7131

NOTICE OF PUBLICATION

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

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

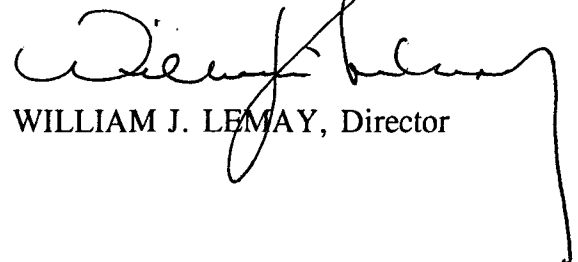
(GW-049) - EL PASO NATURAL GAS Company, 100 N. Stanton, El Paso, Texas, 79901 has submitted a renewal application for the previously approved discharge plan for their BLANCO PLANT facility located in Section 14, Township 29 North, Range 11 West, San Juan County, near Bloomfield New Mexico. The total discharge of waste water from the facility is about 44,000,000 gallons/year; more than 90% of this waste water is blowdown water from the plants cooling towers-which is classified as non-contact water with a TDS of less than 2,000 mg/l and contains no toxic hydrocarbon contaminants. The remaining waste water which is classified as contact water contains hydrocarbons. The free hydrocarbon phase is separated from the contact water and sold. The contact waste water is then commingled with the non-contact waste water and discharged to the city of Bloomfield public water treatment plant. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface varies in depth from 14 feet to 39 feet. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 10th day of February, 1995.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


WILLIAM J. LEMAY, Director

S E A L



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

November 10, 1994

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

CERTIFIED MAIL
RETURN RECEIPT NO. P-176-012-280

Mr. Patrick Marquez
El Paso Natural Gas Company
P.O. Box 4990
Farmington, New Mexico 87499

**Re: Cooling Basin Installation & Pond Closure
Blanco Gas Plant (GW-49)
San Juan County, New Mexico**

Dear Mr. Marquez:

The Oil Conservation Division (OCD) has received El Paso Natural Gas Company's (EPNG) request dated October 11, 1994 for authorization to install a new boiler water cooling basin and to close the existing earthen cooling pond at EPNG's Blanco Plant.

Based upon the information provided your request is hereby approved with the following conditions:

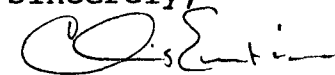
1. Construction of the concrete cooling basin will incorporate secondary containment with positive leak detection and will conform to the design specifications proposed in the above referenced request.
2. If any fluids are observed in the leak detection system the OCD Aztec and Santa Fe offices will be notified pursuant to OCD Rule 116 and the notification requirements set forth in the existing discharge plan.
3. Closure of the earthen cooling pond will include excavating the contaminated soils and placing them on a liner.
4. A composite sample of the excavated soils will be analyzed for RCRA TCLP metals and organics to determine if the waste exhibits hazardous characteristics.
5. OCD approval must be obtained prior to disposal of the soils.
6. The excavated site will be filled with clean fill and mounded, to inhibit pooling or ponding of precipitation.

Mr. Patrick Marquez
December 12, 1993
Pg. 2

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

If you have any questions call me at (505) 827-7153.

Sincerely,

A handwritten signature in cursive script, appearing to read "Chris Eustice".

Chris Eustice
Geologist



RECEIVED

P. O. BOX 4990
FARMINGTON, NEW MEXICO 87499

NOV 1 1994

OIL CONSERVATION DIV.
SANTA FE

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

October 11, 1995

Subject: Approval of Boiler Water Cooling Basin Installation and Closure of Existing Earthen Cooling Pond at El Paso Natural Gas Company's Blanco Plant.

Dear Mr. Anderson:

El Paso Natural Gas company request approval of the subject installation and closure plan.

Operation

The process of generating clean boiler feedwater may be summarized as follows. Raw water enters the evaporator, vaporizes, condenses and is used as boiler feedwater. Dissolved solids which enter with the raw water are filtered, backwashed and blown to the cooling pond. The backwash is cooled and eventually goes to the City of Bloomfield.

Cooling Basin Installation

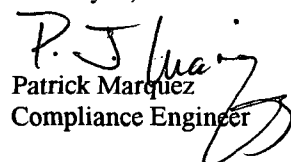
- The cooling basin will replace the existing earthen, unlined cooling pond as a condition of the existing Blanco Discharge Plan.
- The cooling basin will be placed just north of the earthen cooling pond to minimize the need for additional piping. A map of the area is attached.
- The pond/basin has/will primarily receive raw water filter backwash, approximately 12,000 gallons per day. Other streams of lesser volume include evaporator and boiler blowdown.
- Construction of the concrete basin will include the use of a 30 mil liner and a leak detection system. Details are attached for your review.
- The basin will have adequate freeboard to prevent overtopping.

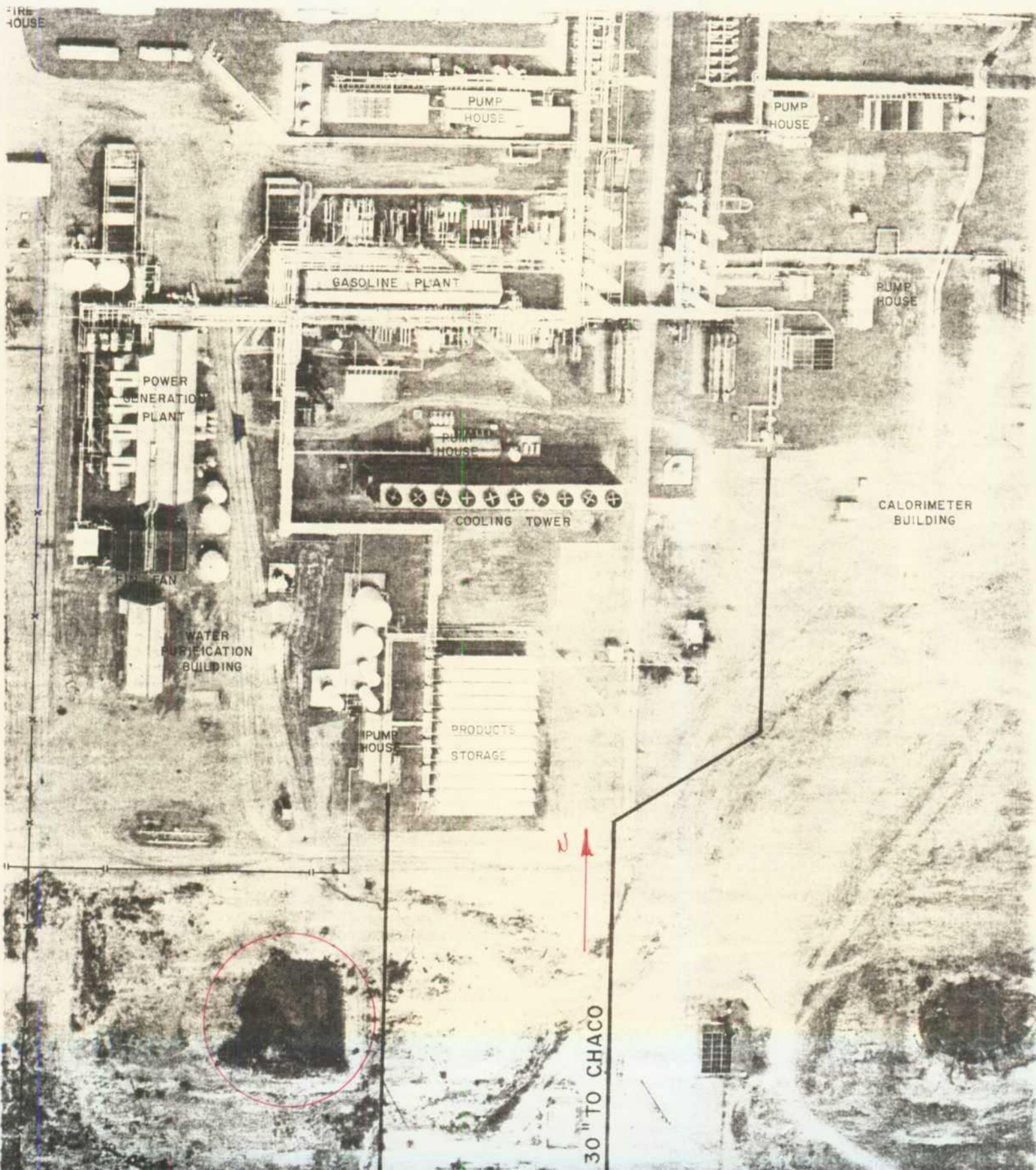
Pond Closure

- Upon completion of the Cooling Basin Installation a composite sample of the pond bottom and pond walls will be collected and analyzed for RCRA TCLP Metals and TCLP Organics. Analytical results will be forwarded to your office as they are received.
- Upon approval of the test results the pond will be filled with the earthen berm material. Clean soil will be used to cap the pond for stormwater drainage.

EPNG respectfully request the approval of the Cooling Basin Installation and Pond Closure. Should you have questions or concerns, please call at (505) 599 2175.

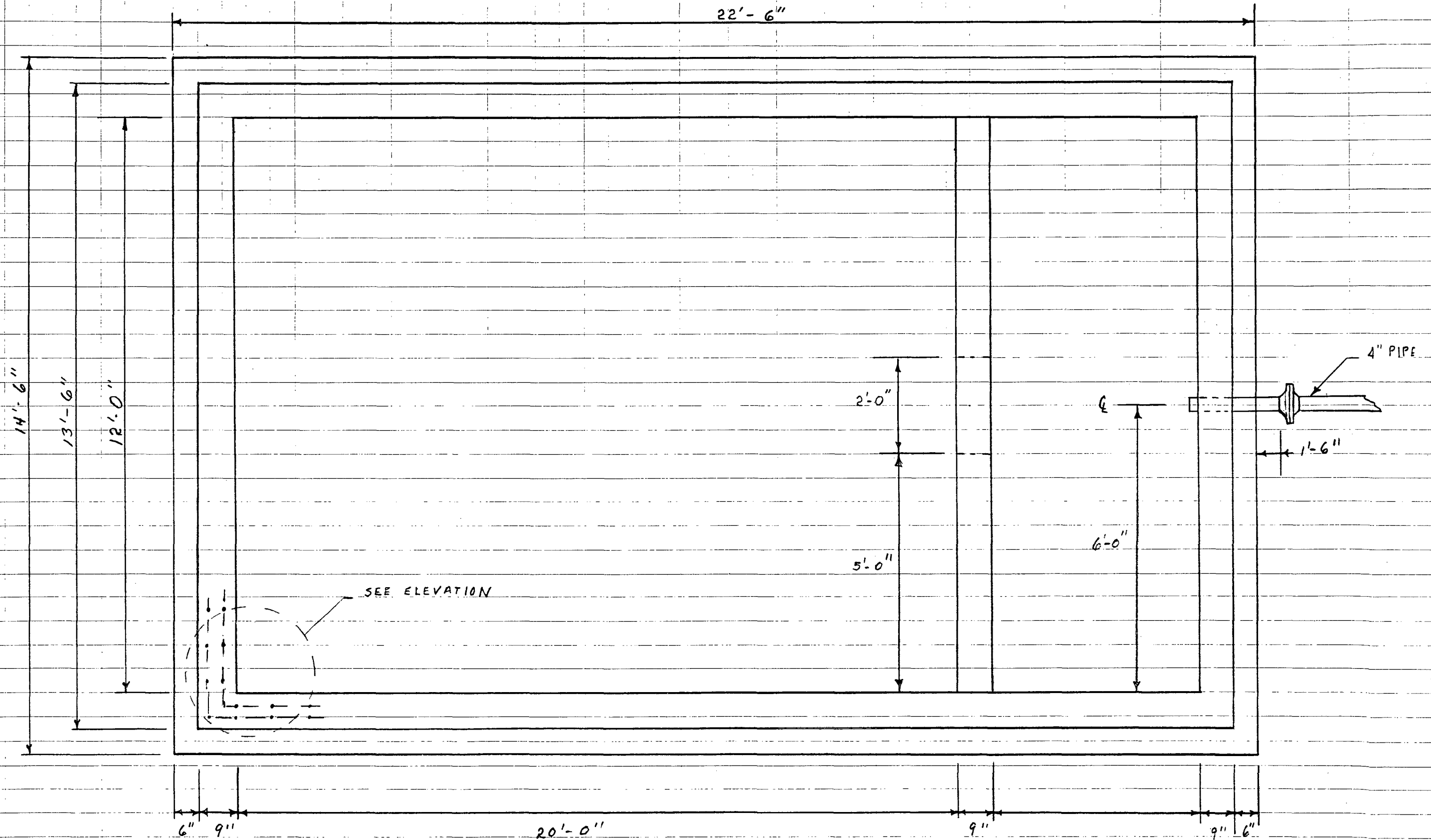
Thank you,


Patrick Marquez
Compliance Engineer



PROJECT BLANCO BOILER WATER BASIN (PLAN)
SUBJECT

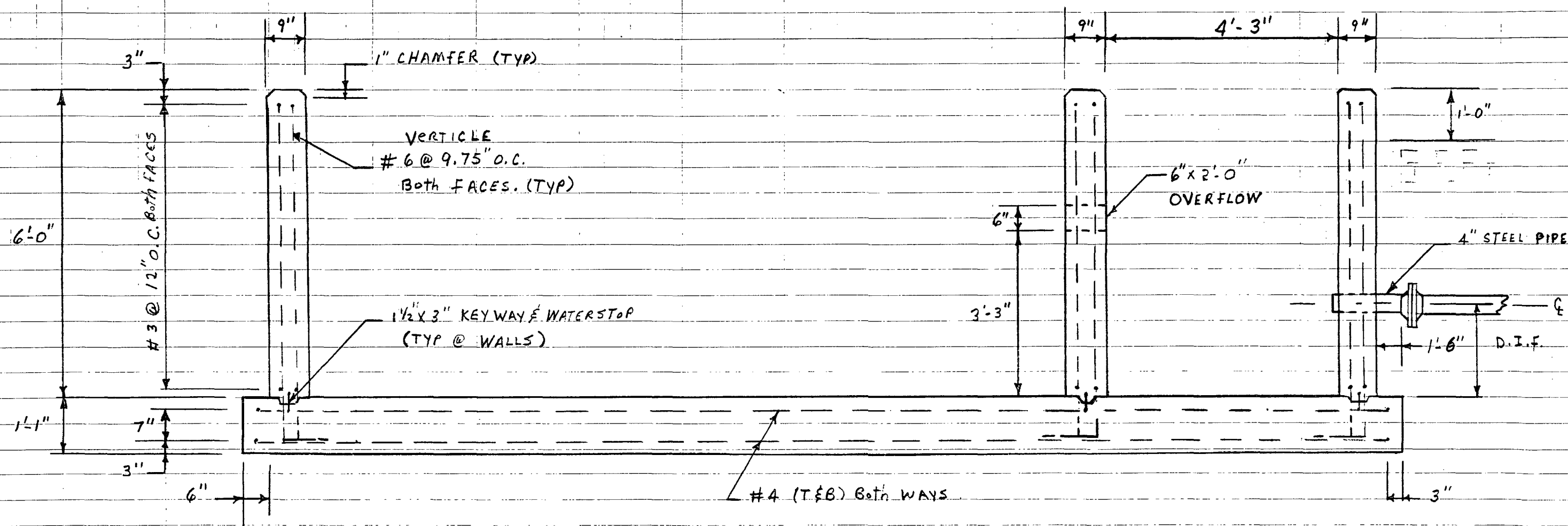
SCALE: NONE



PROJECT BLANCO BOILER WATER BASIN (ELEVATION)

SUBJECT

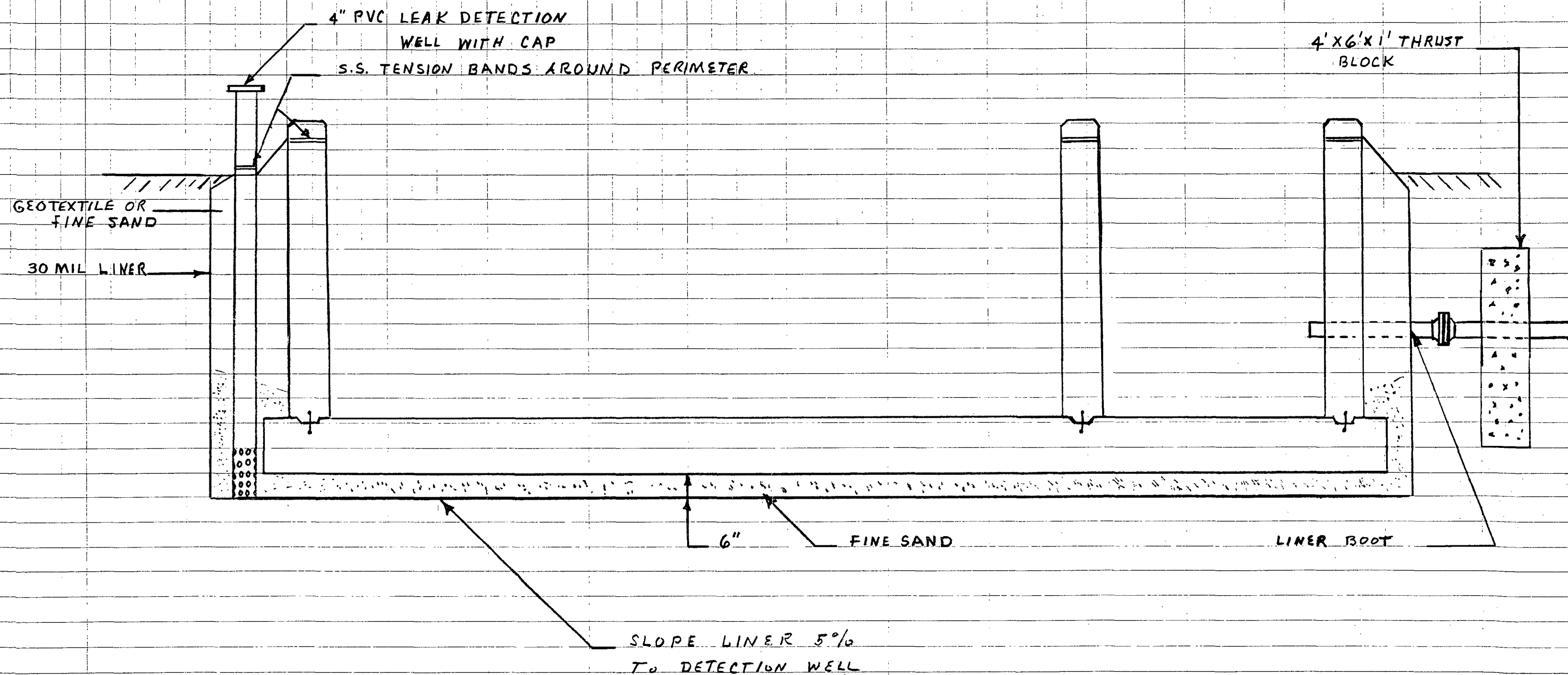
SCALE: NONE



- NOTE:
1. POUR ANCHORS ON INLET & OUTLET LINES TO/FROM BASIN
 2. INSTALL EXPANSION LOOP ON INLET UPSTM OF ANCHOR BLOCK; ON OUTLET DOWNSTM OF ANCHOR BLOCK
 3. ELEVATION OF OUTLET DETERMINED BY GRADE TO MATCH EXISTING DRAIN

PROJECT BLANCO BOILER WATER BASIN.
SUBJECT SKETCH FOR UNDERGROUND LEAK DETECTION SYSTEM.

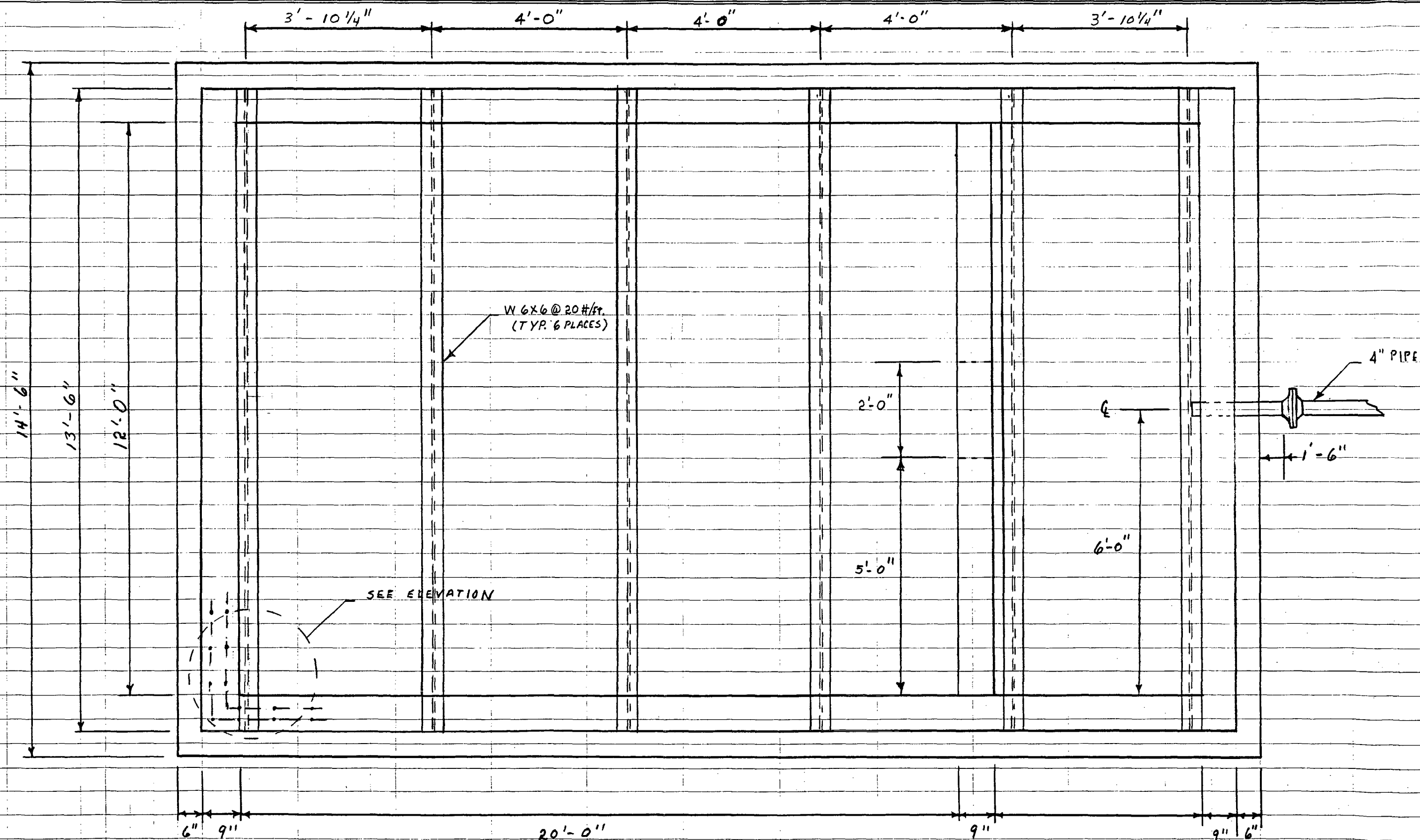
SCALE: NONE



PROJECT BLANCO BOILER WATER BASIN - COVER (PLAN)

SUBJECT

SCALE: NONE

NOTE: INSTALL (4) Sheet IRVING GRATE 1" x 1/8" IWA 3' x 20'
BOX ENDS & SIDES WITH 1" x 1" x 1/8" ANGLE IRON.



OIL CONSERVATION DIVISION
RECEIVED

P. O. BOX 4990
FARMINGTON, NEW MEXICO 87499

'94 JUL 13 AM 8 50

July 11, 1994

Mr. Roger Anderson
New Mexico Oil Conservation Division
310 Old Santa Fe Trail
Santa Fe, NM 87501

Subject: Blanco Plant - Coke Breeze Disposal

The shallow anode beds within the Blanco Plant area were recently replaced. The beds are filled with coke breeze which is basically a coal type material (carbon). There are approximately 150 anode bed holes measuring 14 inches diameter and 20 feet deep that were recently excavated. There is approximately 120 cubic yards of a mixture of coke breeze and soil at Blanco Plant in a number of piles throughout the plant area.

Operations would like to spread the coke breeze and soil in a thin layer south of the "C" Cooling Tower. The layer then would be covered with gravel.

El Paso Natural Gas Company respectfully requests approval to spread the coke breeze and soil south of the "C" cooling tower. If possible, please give us verbal approval as soon as possible.

If you need additional information or have any questions, please call me at 599-2176.

Anu Pundari
Anu Pundari
Sr. Compliance Engineer

cc: Mr. David Hall (EPNG)
Mr. Bill Olson (NMOCD)

Verbal granted
7-12-94
CE
110 pm

RECORD OF PHONE CONVERSATION (W/CHRIS EUSTICE)

Date: 7-12-94 Time: 1:10 pm
RE: EPNG request to dispose of coke breeze
Name: ANU PUNDARI
Company: EPNG

EPNG requested in a 7-11-94 correspondence to
dispose of coke breeze from pulled from anode
beds at the Chaco & Blanco plants by spreading.

Discussions w/ RCA: He told me to give verbal
to EPNG.

I called Anu and told her to go ahead.

Comments/Followup:

EPNG will dispose as stated in the requests
dated 7-11-94

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. 07222937 dated 3/18/93,
or cash received on 3/26/93 in the amount of \$ 50.00
from El Paso Natural Gas Company
for Blanco Compressor Station GW-49

Submitted by: _____ Date: _____
(Facility Name) (OP No.)

Submitted to ASD by: Kathy Brown Date: 3/26/93

Received in ASD by: Ange M. Aure Date: 3/26/93

Filing Fee ☒ New Facility _____ Renewal _____

Modification _____ Other _____
(specify)

Organization Code 521.07 Applicable FY 93

To be deposited in the Water Quality Management Fund.

Full Payment _____ or Annual Increment _____



P.O. BOX 1492
EL PASO, TX 79978

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

CONTROL NO.

232 CBD

62-20
311

CHECK NO.

007222937 *

03/18/93
Date

PAY TO THE ORDER OF

NMED WATER QUALITY MANAGEMENT
P O BOX 2088
SANTA FE NM 87504

PAY AMOUNT

\$50.00

Void After 1 Year



Authorized Signatory

07222937

031100209

38691601

EL PASO NATURAL GAS COMPANY

REMITTANCE ADVICE

Vendor Number
018711 001

Check Date
03/18/93

Check Number
007222937

VOUCHER NUMBER	INVOICE NUMBER	AMOUNT		
		Invoice	Discount	Net
REFER PAYMENT INQUIRIES TO ACCOUNTS PAYABLE (915) 541-5354				
VOUCHER NO	INVOICE NO	GROSS	DISCOUNT	NET
000188772	CKREQ930315	50.00	.00	50.00
FILING FEE FOR DISCHARGE PLAN GW-49, BLANCO COMPRESSOR STATION, SAN JUAN COUNTY, NEW MEXICO				
	TOTALS	50.00	.00	50.00



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



BRUCE KING
GOVERNOR

March 15, 1993

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

ANITA LOCKWOOD
CABINET SECRETARY

CERTIFIED MAIL
RETURN RECEIPT NO. P- 667-242-327

Ms. A.N. Pundari
Senior Compliance Engineer
El Paso Natural Gas Company
P.O. Box 4990
Farmington, New Mexico 87499

**RE: DISCHARGE PLAN MODIFICATION
EPNG BLANCO PLANT
SAN JUAN COUNTY, NEW MEXICO**

Dear Ms. Pundari:

The New Mexico Oil Conservation Division (OCD) has reviewed the El Paso Natural Gas Company's (EPNG) January 26, 1993 "HISTORICAL SUMMARY OF CHROMIUM INVESTIGATION AT BLANCO PLANT". This document describes the history of EPNG's investigation and remediation of chromium contaminated soils at the EPNG Blanco Plant from 1987 through 1992. According to this document, soils contaminated with trace levels of chromium are being remediated onsite using a landfarming process. This activity was not included in the current discharge plan (GW-49) for the Blanco Plant.

Therefore, pursuant to Section 3-109.E.1. of the New Mexico Water Quality Control Commission Regulations, the OCD requires that EPNG modify discharge plan GW-49 for the EPNG Blanco Plant to include the landfarming of low level chromium contaminated soils.

Elements of the discharge plan modification will include, but are not limited to, the following items:

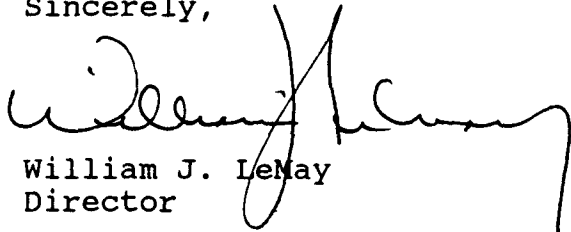
1. Copies of all investigation reports prepared and soil analyses conducted since 1989.
2. Plats showing areas currently being used for landfarming of low level chromium contaminated soils in relation to other significant plant and local features.

Ms. A.N. Pundari
March 15, 1993
Page 2

3. Methods employed in the landfarming process.
4. Proposed final remediation levels and disposition of remediated soils.

If you have any questions, please call William Olson of my staff at (505) 827-5885.

Sincerely,

A handwritten signature in dark ink, appearing to read 'William J. LeMay', with a long, sweeping horizontal stroke extending to the right.

William J. LeMay
Director

cc: Frank Chavez, OCD Aztec District Supervisor



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

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

October 14, 1993

CERTIFIED MAIL
RETURN RECEIPT NO. P-176-012-037

Ms. Anu Pundari
El Paso Natural Gas Company
P.O. Box 4990
Farmington, NM 87499

**RE: Blanco Plant Disposal of Skimmer Basin
and Cooling Tower Sludge**

Dear Ms. Pundari,

The New Mexico Oil Conservation Division (OCD) has received your October 5, 1993 letter requesting approval for disposal of sludges and liquids from the skimmer basin and "A" Cooling Tower Basin at El Paso Natural Gas Company's (EPNG) Blanco Plant in San Juan County, New Mexico.

The proposal for disposing of the skimmer basin and cooling tower sludges and liquids, and the hauling of the cooling tower basin concrete to the Crouch Mesa Landfill, as identified in the above referenced document, is approved with the following conditions:

1. Approval for the disposal of the skimmer basin wastewater at the Southwest Disposal facility is granted one time only for that water which has been stored in fiberglass storage tanks since the plant shutdown in July 1993.
2. The skimmer basin sludge which has been stored in fiberglass storage tanks since the plant shutdown in July 1993 shall be stabilized with clean soil prior to disposal at the Envirotech landfarm.
3. If it is determined that costs for hauling the concrete to the landfill are excessive, then OCD approves breaking the basin side walls, pushing the walls into the center of the basin,

Ms. Anu Pundari
October 14, 1993
Page 2

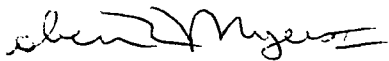
then backfilling the basin with clean sandy soil.

4. Note that whichever course of action that EPNG chooses for the concrete basin, **EPNG must analyze the soil beneath the basin for chromium contamination prior to completion of the proposed project.**

OCD does not approve the disposal of the cooling tower sludge in the Crouch Mesa Landfill. However, we would allow the sludge to be solidified with clean soil, and then used as part of the backfill for the basin pit, or disposal of the solidified sludge at an OCD-permitted disposal facility.

If you have any questions, please contact me at (505) 827-4080.

Sincerely,



Robert L. Myers II
Petroleum Engineering Specialist

RLM/rlm

xc: OCD Aztec Office

El Paso
Natural Gas Company

P. O. BOX 4990
FARMINGTON, NEW MEXICO 87499

October 5, 1993

RECEIVED

OCT 06 1993

OIL CONSERVATION DIV.
SANTA FE

Mr. Bill Olson
New Mexico Oil Conservation Division
P.O. Box 2088
Santa Fe, N.M. 87503

Subject : Disposal of Skimmer Basin and Cooling Tower Sludge from El Paso
Natural Gas Company's Blanco Plant

Dear Mr. Olson:

El Paso Natural Gas Company (EPNG) requests permission to dispose skimmer basin sludge at Envirotech and skimmer basin liquid at Southwest Disposal.

The skimmer basin receives all of the Blanco Plant wastewater. The oil and water fraction is separated in the upper chamber. The oil is recycled and the water is sent to the City of Bloomfield for disposal. During the Blanco Plant shutdown in July 1993, the upper portion of the skimmer was cleaned and the sludge was placed into two fiberglass storage tanks.

There is approximately 2500 gallons of sludge/liquid stored near the skimmer basin in fiberglass storage tanks. The sludge did not exceed any TCLP regulatory limits. A copy of the analytical results is under Tab 1. As suggested by you in an earlier conversation, EPNG requests permission to stabilize the sludge with clean soil prior to disposal at Envirotech since the sludge will not be completely dry. Upon your approval, any pumpable liquids will be disposed at Southwest Disposal. A representative of Southwest Disposal stated that once they receive approval from NMOCD, they will accept the liquids.

The "A" Cooling Tower was recently replaced with fin fans. The cooling tower will be demolished this fall. Since the cooling tower wood TCLP analysis was below regulatory limits, the wood will be disposed at the Crouch Mesa Landfill. A copy of the wood analytical results is under Tab 2.

A TCLP analysis was conducted on the "A" Cooling Tower basin sludge. A thin layer of sludge, less than one inch in thickness, is on the bottom of the cooling tower basin. The sludge did not exceed any TCLP regulatory limits. A copy of the analytical results is under Tab 1. EPNG received approval from Waste Management of Four Corners to dispose the concrete basin and

Page 2 - Blanco Plant Skimmer Basin Sludge and Cooling Tower Disposal

sludge at Crouch Mesa Landfill. If the costs for hauling the concrete to the landfill is excessive, EPNG requests permission to break the basin side walls, push in the walls into the center of the basin, and fill in the concrete basin with clean sandy soil.

Please give us permission to dispose skimmer basin sludge at Envirotech and Southwest Disposal. In addition, please give us approval to bury concrete and cooling tower basin sludge onsite if necessary. If you have any questions, please contact me at 599-2176.

Sincerely,

Anu Pundari

Anu Pundari

Sr. Compliance Engineer

cc: Mr. David Hall (EPNG)



Analytical**Technologies**, Inc.

2709-D Pan American Freeway, NE Albuquerque, NM 87107
Phone (505) 344-3777 Fax (505) 344-4413

ATI I.D. 308325

August 27, 1993

El Paso Natural Gas Company
P.O. Box 4990
Farmington, NM 87499

Project Name/Number: BLANCO PLT.

Attention: John Lambdin

On 08/10/93, Analytical Technologies, Inc., (ADHS License No. AZ0015), received a request to analyze **non-aqueous** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

Low 2,4,6-tribromophenol surrogate recovery by EPA Method 8270 (TCLP) for sample N30846 was confirmed by re-extraction and re-analysis.

ND indicates pyridine was not detected by EPA Method 8270 analysis of the TCLP extract. Studies have shown pyridine is not recoverable when the extract is spiked at or below the regulatory level.

All analyses were performed by Analytical Technologies, Inc., 9830 S. 51st Street, Suite B-113, Phoenix, AZ.

If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

Adela M Cantu

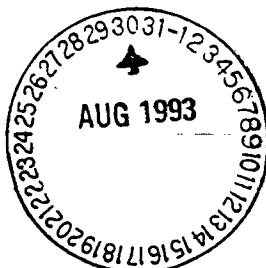
Adela M. Cantu
Senior Organic Chemist

LAK:jd

Enclosure

Letitia Krakowski

Letitia Krakowski
Acting Laboratory Manager





Analytical Technologies, Inc.

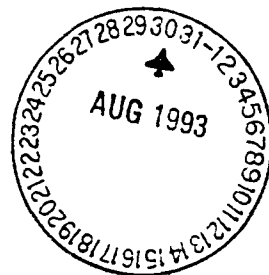
CLIENT : EL PASO NATURAL GAS CO.
PROJECT # : (NONE)
PROJECT NAME : BLANCO PLT.

DATE RECEIVED : 08/10/93

REPORT DATE : 08/27/93

ATI I.D. : 308325

ATI #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	N30845 - Skimmer Pond Sludge - Blanco Pit	NON-AQUEOUS	08/09/93
02	N30846 - 'A' Cooling Tower Sludge - Blanco Pit	NON-AQUEOUS	08/09/93



----- TOTALS -----

MATRIX	# SAMPLES
NON-AQUEOUS	2

ATI STANDARD DISPOSAL PRACTICE

The samples from this project will be disposed of in thirty (30) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.



Analytical Technologies, Inc.

METALS RESULTS

ATI I.D. : 308325

CLIENT : EL PASO NATURAL GAS CO.

PROJECT # : (NONE)

PROJECT NAME : BLANCO PLT.

DATE RECEIVED : 08/10/93

REPORT DATE : 08/27/93

PARAMETER	UNITS	01	02
SILVER (TCLP 1311/6010)	MG/L	<0.010	<0.010
ARSENIC (TCLP 1311/6010)	MG/L	<0.1	<0.1
BARIUM (TCLP 1311/6010)	MG/L	0.634	2.62
CADMIUM (TCLP 1311/6010)	MG/L	<0.005	<0.005
CHROMIUM (TCLP 1311/6010)	MG/L	0.123	0.240
MERCURY (TCLP 1311/7470)	MG/L	<0.0002	<0.0002
LEAD (TCLP 1311/6010)	MG/L	<0.10	<0.10
SELENIUM (TCLP 1311/6010)	MG/L	<0.1	<0.1

No Component failed
TCLP limits!

JS
2/4/63



Analytical Technologies, Inc.

METALS - QUALITY CONTROL

CLIENT : EL PASO NATURAL GAS CO.
PROJECT # : (NONE)
PROJECT NAME : BLANCO PLT.

ATI I.D. : 308325

PARAMETER	UNITS	ATI I.D.	SAMPLE RESULT	DUP. RESULT	RPD	SPIKED SAMPLE	SPIKE CONC	% REC
SILVER (IN TCLP)	MG/L	30864001	<0.010	<0.010	NA	0.943	1.00	94
ARSENIC (IN TCLP)	MG/L	30864001	<0.1	<0.1	NA	1.0	1.0	100
BARIUM (IN TCLP)	MG/L	30864001	0.693	0.696	0.4	1.66	1.00	97
CADMIUM (IN TCLP)	MG/L	30864001	<0.005	<0.005	NA	0.986	1.00	99
CHROMIUM (IN TCLP)	MG/L	30864001	<0.010	<0.010	NA	0.942	1.00	94
MERCURY (IN TCLP)	MG/L	30832501	<0.0002	<0.0002	NA	0.0049	0.0050	98
LEAD (IN TCLP)	MG/L	30864001	0.22	0.22	0	1.16	1.00	94
SELENIUM (IN TCLP)	MG/L	30864001	<0.1	<0.1	NA	1.0	1.0	100

Acceptable
D

9/4/93

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$



Analytical Technologies, Inc.

GCMS - RESULTS

ATI I.D. : 30832501

TEST : EPA METHOD 8240 (TCLP 1311)

CLIENT	: EL PASO NATURAL GAS CO.	DATE SAMPLED	: 08/09/93
PROJECT #	: (NONE)	DATE RECEIVED	: 08/10/93
PROJECT NAME	: BLANCO PLT.	DATE EXTRACTED	: 08/11/93
CLIENT I.D.	: N30845 - <i>Skimmer Pond Basin Sludge</i>	DATE ANALYZED	: 08/18/93
SAMPLE MATRIX	: NON-AQUEOUS	UNITS	: UG/L
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<10
CARBON TETRACHLORIDE	<10
CHLOROBENZENE	<10
CHLOROFORM	<10
1,2-DICHLOROETHANE	<10
1,1-DICHLOROETHENE	<10
METHYL ETHYL KETONE	<100
TETRACHLOROETHENE	<10
TRICHLOROETHENE	<10
VINYL CHLORIDE	<10

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	102
BROMOFLUOROBENZENE (%)	100
TOLUENE-D8 (%)	97

*No Component Failed
+ C-1? Limits.
9/4/93
[Signature]*



GCMS - RESULTS

ATI I.D. : 30832502

TEST : EPA METHOD 8240 (TCLP 1311)

CLIENT : EL PASO NATURAL GAS CO.
PROJECT # : (NONE)
PROJECT NAME : BLANCO PLT.
CLIENT I.D. : N30846 "A" Cooling Tower Basin Sludge
SAMPLE MATRIX : NON-AQUEOUS

DATE SAMPLED : 08/09/93
DATE RECEIVED : 08/10/93
DATE EXTRACTED : 08/11/93
DATE ANALYZED : 08/18/93
UNITS : UG/L
DILUTION FACTOR : 1

COMPOUNDS	RESULTS
BENZENE	<10
CARBON TETRACHLORIDE	<10
CHLOROBENZENE	<10
CHLOROFORM	<10
1,2-DICHLOROETHANE	<10
1,1-DICHLOROETHENE	<10
METHYL ETHYL KETONE	<100
TETRACHLOROETHENE	<10
TRICHLOROETHENE	<10
VINYL CHLORIDE	<10

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	100
BROMOFLUOROBENZENE (%)	100
TOLUENE-D8 (%)	101

No component Failed
TCLP Limit.
9/4/93
J



REAGENT BLANK

TEST : EPA METHOD 8240 (TCLP 1311)

CLIENT : EL PASO NATURAL GAS CO.
PROJECT # : (NONE)
PROJECT NAME : BLANCO PLT.
CLIENT I.D. : REAGENT BLANK

ATI I.D. : 308325
DATE EXTRACTED : 08/11/93
DATE ANALYZED : 08/18/93
UNITS : UG/L
DILUTION FACTOR : N/A

COMPOUNDS	RESULTS
BENZENE	<10
CARBON TETRACHLORIDE	<10
CHLOROBENZENE	<10
CHLOROFORM	<10
1,2-DICHLOROETHANE	<10
1,1-DICHLOROETHENE	<10
METHYL ETHYL KETONE	<100
TETRACHLOROETHENE	<10
TRICHLOROETHENE	<10
VINYL CHLORIDE	<10

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	100
BROMOFLUOROBENZENE (%)	97
TOLUENE-D8 (%)	107

Accepted
R
9/4/97



Analytical Technologies, Inc.

QUALITY CONTROL DATA

TEST : EPA METHOD 8240 (TCLP 1311)

ATI I.D. : 308325

CLIENT : EL PASO NATURAL GAS CO.

PROJECT # : (NONE)

PROJECT NAME : BLANCO PLT.

REF I.D. : 30849816

DATE ANALYZED : 08/18/93

SAMPLE MATRIX : NON-AQUEOUS

UNITS : UG/L

COMPOUNDS	SAMPLE CONC.		SPIKED RESULT	SPIKED SAMPLE	DUP. % SPIKED		RPD
	RESULT	SPIKED			REC. SAMPLE	REC.	
1,1-DICHLOROETHENE	<1	50	48	96	51	102	6
TRICHLOROETHENE	<1	50	44	88	46	92	4
CHLOROBENZENE	<1	50	49	98	50	100	2
BENZENE	<1	50	47	94	49	98	4

Acceptable
J
9/4/93

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative \% Difference)} = \frac{(\text{Spiked Sample Result} - \text{Duplicate Spike Sample Result})}{\text{Average of Spiked Sample}} \times 100$$



GCMS - RESULTS

ATI I.D. : 30832501

TEST : EPA METHOD 8270 (TCLP 1311)

CLIENT	: EL PASO NATURAL GAS CO.	DATE SAMPLED	: 08/09/93
PROJECT #	: (NONE)	DATE RECEIVED	: 08/10/93
PROJECT NAME	: BLANCO PLT.	DATE EXTRACTED	: 08/11/93
CLIENT I.D.	: N30845 - skimmer Pond Basin SLUDGE	DATE ANALYZED	: 08/16/93
SAMPLE MATRIX	: NON-AQUEOUS	UNITS	: UG/L
		DILUTION FACTOR	: 2

COMPOUNDS	RESULTS
O-CRESOL	<20
M & P-CRESOL	<20
1,4-DICHLOROBENZENE	<20
2,4-DINITROTOLUENE	<20
HEXACHLOROBENZENE	<20
HEXACHLOROBUTADIENE	<20
HEXACHLOROETHANE	<20
NITROBENZENE	<20
PENTACHLOROPHENOL	<100
2,4,5-TRICHLOROPHENOL	<100
2,4,6-TRICHLOROPHENOL	<20
PYRIDINE	ND

SURROGATE PERCENT RECOVERIES

NITROBENZENE (%)	80
2-FLUOROBIPHENYL (%)	74
TERPHENYL (%)	46
PHENOL-D6 (%)	60
2-FLUOROPHENOL (%)	54
2,4,6-TRIBROMOPHENOL (%)	68

No Compound Failed
TCLP limits.
9/14/93



GCMS - RESULTS

ATI I.D. : 30832502

TEST : EPA METHOD 8270 (TCLP 1311)

CLIENT : EL PASO NATURAL GAS CO.
PROJECT # : (NONE)
PROJECT NAME : BLANCO PLT.
CLIENT I.D. : N30846 - "A" Cooling Tower Basin Sludge
SAMPLE MATRIX : NON-AQUEOUS

DATE SAMPLED : 08/09/93
DATE RECEIVED : 08/10/93
DATE EXTRACTED : 08/11/93
DATE ANALYZED : 08/16/93
UNITS : UG/L
DILUTION FACTOR : 2

COMPOUNDS	RESULTS
O-CRESOL	<20
M & P-CRESOL	30 - Limit 200,000 ug/l
1,4-DICHLOROBENZENE	<20
2,4-DINITROTOLUENE	<20
HEXACHLOROBENZENE	<20
HEXACHLOROBUTADIENE	<20
HEXACHLOROETHANE	<20
NITROBENZENE	<20
PENTACHLOROPHENOL	<100
2,4,5-TRICHLOROPHENOL	<100
2,4,6-TRICHLOROPHENOL	<20
PYRIDINE	ND

SURROGATE PERCENT RECOVERIES

NITROBENZENE (%)	77
2-FLUOROBIPHENYL (%)	71
TERPHENYL (%)	48
PHENOL-D6 (%)	56
2-FLUOROPHENOL (%)	51
2,4,6-TRIBROMOPHENOL (%)	0*

* Result out of limits due to sample matrix interference

O, m + P Cresols are common
wood preservatives.

Acceptable. *[initials]*
No Coparent Failed TCLP
Limits. *[initials]* 9/4/93



REAGENT BLANK

TEST : EPA METHOD 8270 (TCLP 1311)

CLIENT : EL PASO NATURAL GAS CO.
PROJECT # : (NONE)
PROJECT NAME : BLANCO PLT.
CLIENT I.D. : REAGENT BLANK

ATI I.D. : 308325
DATE EXTRACTED : 08/11/93
DATE ANALYZED : 08/16/93
UNITS : UG/L
DILUTION FACTOR : N/A

COMPOUNDS	RESULTS
O-CRESOL	<20
M & P-CRESOL	<20
1,4-DICHLOROBENZENE	<20
2,4-DINITROTOLUENE	<20
HEXACHLOROBENZENE	<20
HEXACHLOROBUTADIENE	<20
HEXACHLOROETHANE	<20
NITROBENZENE	<20
PENTACHLOROPHENOL	<100
2,4,5-TRICHLOROPHENOL	<100
2,4,6-TRICHLOROPHENOL	<20
PYRIDINE	ND

SURROGATE PERCENT RECOVERIES

NITROBENZENE (%)	76
2-FLUOROBIPHENYL (%)	85
TERPHENYL (%)	80
PHENOL-D6 (%)	56
2-FLUOROPHENOL (%)	51
2,4,6-TRIBROMOPHENOL (%)	61

Acceptable.

⊗

9/4/97



Analytical Technologies, Inc.

QUALITY CONTROL DATA

TEST : EPA METHOD 8270 (TCLP 1311)

ATI I.D. : 308325

CLIENT : EL PASO NATURAL GAS CO.

PROJECT # : (NONE)

PROJECT NAME : BLANCO PLT.

REF I.D. : 30832502

DATE ANALYZED : 08/16/93

SAMPLE MATRIX : NON-AQUEOUS

UNITS : UG/L

COMPOUNDS	SAMPLE CONC.		SPIKED SAMPLE	% REC.	DUP.	DUP.	RPD
	RESULT	SPIKED			SPIKED SAMPLE	% REC.	
2,4-DINITROTOLUENE	<20	100	67	67	67	67	0
1,4-DICHLOROBENZENE	<20	100	55	55	53	53	4
PENTACHLOROPHENOL	<100	200	160	80	180	90	12
O-CRESOL	<20	200	120	60	120	60	0

Acceptable
S
9/4/93

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative \% Difference)} = \frac{(\text{Spiked Sample Result} - \text{Duplicate Spike Sample Result})}{\text{Average of Spiked Sample}} \times 100$$

PLEASE FILL THIS FORM IN COMPLETELY. SHADED AREAS ARE FOR LAB USE ONLY.

PROJECT MANAGER: JOHN LAMBORN
COMPANY: EL PASO NAT GAS Co.
ADDRESS: 220 W. WILLOW
ADMINISTRATION Bldg. 87401
PHONE: 505 588 2144
FAX: 505 588 2261
BILL TO: SAME AS ABOVE
COMPANY: _____
ADDRESS: _____

[illegible]

PROJECT INFORMATION		SAMPLE RECEIPT	
PROJ. NO.:		NO. CONTAINERS	H
PROJ. NAME:	Barco Hk.	CUSTODY SEALS	Y/N /NA
P.O. NO.:		RECEIVED INTACT	Y
SHIPPED VIA:		RECEIVED COLD	Y

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☒ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK ☐ 2 WEEK

(NORMAL)

Comments: CHARGE TO: 108-52452-24-0001-0012-51-2010

	ANALYSIS REQUEST	NUMBER OF CONTAINERS
Petroleum Hydrocarbons (418.1)		✓
(MOD 8015) Gas/Diesel		✓
Diesel/Gasoline/BTXE/MTBE (MOD 8015/8020)		✓
BTEX/MTBE (8020)		✓
Chlorinated Hydrocarbons (601/8010)		✓
Aromatic Hydrocarbons (602/8020)		✓
SDWA Volatiles (502.1/503.1), 502.2 Reg. & Unreg.		✓
Pesticides/PCB (608/8080)		✓
Herbicides (615/8150)		✓
Base/Neutral/Acid Compounds GC/MS (625/8270)		✓
Volatile Organics GC/MS (624/8240)		✓
Polynuclear Aromatics (610/8310)		✓
SDWA Primary Standards - Arizona		✓
SDWA Secondary Standards - Arizona		✓
SDWA Primary Standards - Federal		✓
SDWA Secondary Standards - Federal		✓
The 13 Priority Pollutant Metals		✓
RCHA Metals by Total Digestion		X
RCHA Metals by TCLP (1311)		X
TCLP - 8270/8240		X

SAMPLED & RELINQUISHED BY: 1.		RELINQUISHED BY: 2.		RELINQUISHED BY: 3.	
Signature: <i>[Signature]</i>	Time: 1450	Signature:	Time:	Signature:	Time:
Printed Name: <i>ROSE E. BURELL</i>	Date: 5-9-93	Printed Name:	Date:	Printed Name:	Date:
Company: <i>STARS LABS.</i>	Phone: 599-2412	Company:		Company:	
RECEIVED BY: 1.		RECEIVED BY: 2.		RECEIVED BY: (LAB) 3.	
Signature:	Time:	Signature:	Time:	Signature: <i>[Signature]</i>	Time: 1015
Printed Name:	Date:	Printed Name:	Date:	Printed Name: <i>STARS LABS.</i>	Date: 5/10/93
Company:		Company:		Company: <i>STARS LABS.</i>	
				Analytical Technologies, Inc.	



Analytical**Technologies**, Inc.

2709-D Pan American Freeway, NE Albuquerque, NM 87107
Phone (505) 344-3777 FAX (505) 344-4413

ATI I.D. 308321

August 27, 1993

El Paso Natural Gas Company
P.O. Box 4990
Farmington, NM 87499

Project Name/Number: None given

Attention: John Lambdin

On 08/07/93, Analytical Technologies, Inc. received a request to analyze **non-aqueous** sample(s). The sample(s) were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

ND indicates pyridine was not detected by EPA Method 8270 analysis of the TCLP extract. Studies have shown pyridine is not recoverable when the extract is spiked at or below the regulatory level.

All analyses were performed by Analytical Technologies, Inc., 9830 S. 51st Street, Suite B-113, Phoenix, AZ.

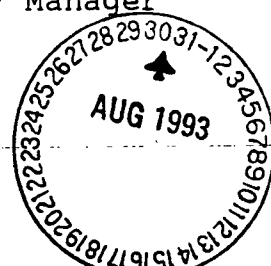
If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

Adela M. Cantu
Senior Organic Chemist

LAK:jd

Enclosure

Letitia Krakowski
Acting Laboratory Manager





Analytical Technologies, Inc.

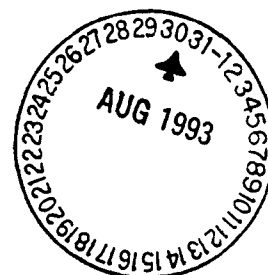
CLIENT : EL PASO NATURAL GAS CO.
PROJECT # : (NONE)
PROJECT NAME : (NONE)

DATE RECEIVED : 08/07/93

REPORT DATE : 08/27/93

ATI I.D. : 308321

ATI #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	N30841 - Blanco Plant "A" cooling Tower WOOD.	NON-AQUEOUS	08/06/93



----- TOTALS -----

MATRIX	# SAMPLES
NON-AQUEOUS	1

ATI STANDARD DISPOSAL PRACTICE

The samples from this project will be disposed of in thirty (30) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.



Analytical Technologies, Inc.

METALS RESULTS

ATI I.D. : 308321

CLIENT : EL PASO NATURAL GAS CO.

DATE RECEIVED : 08/07/93

PROJECT # : (NONE)

PROJECT NAME : (NONE)

REPORT DATE : 08/27/93

PARAMETER	UNITS	01
SILVER (TCLP 1311/6010)	MG/L	<0.010
ARSENIC (TCLP 1311/6010)	MG/L	<0.1
BARIUM (TCLP 1311/6010)	MG/L	0.815
CADMIUM (TCLP 1311/6010)	MG/L	<0.005
CHROMIUM (TCLP 1311/6010)	MG/L	0.241
MERCURY (TCLP 1311/7470)	MG/L	<0.0002
LEAD (TCLP 1311/6010)	MG/L	<0.10
SELENIUM (TCLP 1311/6010)	MG/L	<0.1

No parameter exceeded
TCLP Limits!

8
9/4/93



Analytical Technologies, Inc.

METALS - QUALITY CONTROL

CLIENT : EL PASO NATURAL GAS CO.
PROJECT # : (NONE)
PROJECT NAME : (NONE)

ATI I.D. : 308321

PARAMETER	UNITS	ATI I.D.	SAMPLE RESULT	DUP. RESULT	RPD	SPIKED SAMPLE	SPIKE CONC	% REC
SILVER (IN TCLP)	MG/L	30856401	<0.010	<0.010	NA	1.00	1.00	100
ARSENIC (IN TCLP)	MG/L	30856401	<0.1	<0.1	NA	1.0	1.0	100
BARIUM (IN TCLP)	MG/L	30856401	0.965	0.900	7	1.90	1.00	94
CADMIUM (IN TCLP)	MG/L	30856401	<0.005	<0.005	NA	0.977	1.00	98
CHROMIUM (IN TCLP)	MG/L	30856401	<0.010	<0.010	NA	0.979	1.00	98
MERCURY (IN TCLP)	MG/L	30856401	<0.0002	<0.0002	NA	0.0050	0.0050	100
LEAD (IN TCLP)	MG/L	30856401	<0.10	<0.10	NA	0.94	1.00	94
SELENIUM (IN TCLP)	MG/L	30856401	<0.1	<0.1	NA	1.1	1.0	110

Acceptable.
9/7/93

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$



GCMS - RESULTS

ATI I.D. : 30832101

TEST : EPA METHOD 8240 (TCLP 1311)

CLIENT : EL PASO NATURAL GAS CO.
PROJECT # : (NONE)
PROJECT NAME : (NONE)
CLIENT I.D. : N30841
SAMPLE MATRIX : NON-AQUEOUS

DATE SAMPLED : 08/06/93
DATE RECEIVED : 08/07/93
DATE EXTRACTED : 08/11/93
DATE ANALYZED : 08/18/93
UNITS : UG/L
DILUTION FACTOR : 1

COMPOUNDS	RESULTS
BENZENE	<10
CARBON TETRACHLORIDE	<10
CHLOROBENZENE	<10
CHLOROFORM	<10
1,2-DICHLOROETHANE	<10
1,1-DICHLOROETHENE	<10
METHYL ETHYL KETONE	<100
TETRACHLOROETHENE	<10
TRICHLOROETHENE	<10
VINYL CHLORIDE	<10

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	102
BROMOFLUOROBENZENE (%)	98
TOLUENE-D8 (%)	106

No Compound exceeded
TCLP Limits.
9/4/93
JS



Analytical Technologies, Inc.

GCMS - RESULTS

REAGENT BLANK

TEST : EPA METHOD 8240 (TCLP 1311)

CLIENT : EL PASO NATURAL GAS CO.
PROJECT # : (NONE)
PROJECT NAME : (NONE)
CLIENT I.D. : REAGENT BLANK

ATI I.D. : 308321
DATE EXTRACTED : 08/11/93
DATE ANALYZED : 08/18/93
UNITS : UG/L
DILUTION FACTOR : N/A

COMPOUNDS

RESULTS

BENZENE	<10
CARBON TETRACHLORIDE	<10
CHLOROBENZENE	<10
CHLOROFORM	<10
1,2-DICHLOROETHANE	<10
1,1-DICHLOROETHENE	<10
METHYL ETHYL KETONE	<100
TETRACHLOROETHENE	<10
TRICHLOROETHENE	<10
VINYL CHLORIDE	<10

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	100
BROMOFLUOROBENZENE (%)	97
TOLUENE-D8 (%)	107

Acceptable
8/24/93



Analytical Technologies, Inc.

QUALITY CONTROL DATA

ATI I.D. : 308321

TEST : EPA METHOD 8240 (TCLP 1311)

CLIENT : EL PASO NATURAL GAS CO.

PROJECT # : (NONE)

PROJECT NAME : (NONE)

REF I.D. : 30849816

DATE ANALYZED : 08/18/93

SAMPLE MATRIX : NON-AQUEOUS

UNITS : UG/L

COMPOUNDS	SAMPLE CONC.		SPIKED SAMPLE	% REC.	DUP.	DUP.	RPD
	RESULT	SPIKED			SPIKED SAMPLE	% REC.	
1,1-DICHLOROETHENE	<1	50	48	96	51	102	6
TRICHLOROETHENE	<1	50	44	88	46	92	4
CHLOROBENZENE	<1	50	49	98	50	100	2
BENZENE	<1	50	47	94	49	98	4

Acceptable.
JS
9/14/93

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative \% Difference)} = \frac{(\text{Spiked Sample Result} - \text{Duplicate Spike Sample Result})}{\text{Average of Spiked Sample}} \times 100$$



Analytical Technologies, Inc.

GCMS - RESULTS

ATI I.D. : 30832101

TEST : EPA METHOD 8270 (TCLP 1311)

CLIENT : EL PASO NATURAL GAS CO.
PROJECT # : (NONE)
PROJECT NAME : (NONE)
CLIENT I.D. : N30841
SAMPLE MATRIX : NON-AQUEOUS

DATE SAMPLED : 08/06/93
DATE RECEIVED : 08/07/93
DATE EXTRACTED : 08/11/93
DATE ANALYZED : 08/17/93
UNITS : UG/L
DILUTION FACTOR : 2

COMPOUNDS	RESULTS
O-CRESOL	<20
M & P-CRESOL	<20
1,4-DICHLOROBENZENE	<20
2,4-DINITROTOLUENE	<20
HEXACHLOROBENZENE	<20
HEXACHLOROBUTADIENE	<20
HEXACHLOROETHANE	<20
NITROBENZENE	<20
PENTACHLOROPHENOL	<100
2,4,5-TRICHLOROPHENOL	<100
2,4,6-TRICHLOROPHENOL	<20
PYRIDINE	ND

SURROGATE PERCENT RECOVERIES

NITROBENZENE (%)	69
2-FLUOROBIPHENYL (%)	76
TERPHENYL (%)	44
PHENOL-D6 (%)	52
2-FLUOROPHENOL (%)	56
2,4,6-TRIBROMOPHENOL (%)	68

No compound exceeded
TCLP limits!
J
5/4/97



GCMS - RESULTS

REAGENT BLANK

TEST : EPA METHOD 8270 (TCLP 1311)

CLIENT : EL PASO NATURAL GAS CO.
PROJECT # : (NONE)
PROJECT NAME : (NONE)
CLIENT I.D. : REAGENT BLANK

ATI I.D. : 308321
DATE EXTRACTED : 08/11/93
DATE ANALYZED : 08/16/93
UNITS : UG/L
DILUTION FACTOR : N/A

COMPOUNDS	RESULTS
O-CRESOL	<20
M & P-CRESOL	<20
1,4-DICHLOROBENZENE	<20
2,4-DINITROTOLUENE	<20
HEXACHLOROBENZENE	<20
HEXACHLOROBUTADIENE	<20
HEXACHLOROETHANE	<20
NITROBENZENE	<20
PENTACHLOROPHENOL	<100
2,4,5-TRICHLOROPHENOL	<100
2,4,6-TRICHLOROPHENOL	<20
PYRIDINE	ND

SURROGATE PERCENT RECOVERIES

NITROBENZENE (%)	76
2-FLUOROBIPHENYL (%)	85
TERPHENYL (%)	80
PHENOL-D6 (%)	56
2-FLUOROPHENOL (%)	51
2,4,6-TRIBROMOPHENOL (%)	61

Acceptable
9/4/93



Analytical Technologies, Inc.

QUALITY CONTROL DATA

ATI I.D. : 308321

TEST : EPA METHOD 8270 (TCLP 1311)

CLIENT : EL PASO NATURAL GAS CO.

PROJECT # : (NONE)

PROJECT NAME : (NONE)

REF I.D. : 30832502

DATE ANALYZED : 08/16/93

SAMPLE MATRIX : NON-AQUEOUS

UNITS : UG/L

COMPOUNDS	SAMPLE CONC.		SPIKED SAMPLE	% REC.	DUP.	DUP.	RPD
	RESULT	SPIKED			SPIKED SAMPLE	% REC.	
2,4-DINITROTOLUENE	<20	100	67	67	67	67	0
1,4-DICHLOROBENZENE	<20	100	55	55	53	53	4
PENTACHLOROPHENOL	<100	200	160	80	180	90	12
O-CRESOL	<20	200	120	60	120	60	0

Acceptable
9/14/93
JF

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative \% Difference)} = \frac{(\text{Spiked Sample Result} - \text{Duplicate Spike Sample Result})}{\text{Average of Spiked Sample}} \times 100$$

PLEASE FILL THIS FORM IN COMPLETELY. SHADED AREAS ARE FOR LAB USE ONLY.

[illegible]

ANALYSIS REQUEST		NUMBER OF CONTAINERS	U
Petroleum Hydrocarbons (418.1)	(MOD 8015) Gas/Diesel		
Diesel/Gasoline/BTEX/MTBE (MOD 8015/8020)	BTXE/MTBE (8020)		
Chlorinated Hydrocarbons (601/8010)	Aromatic Hydrocarbons (602/8020)		
SDWA Volatiles (502.1/503.1, 502.2 Reg. & Unreg.			
Pesticides/PCB (608/8080)	Herbicides (615/8150)		
Base/Neutral/Acid Compounds GC/MS (625/8270)	Volatile Organics GC/MS (624/8240)		
Polynuclear Aromatics (610/8310)			
SDWA Primary Standards - Arizona	SDWA Secondary Standards - Arizona		
SDWA Primary Standards - Federal	SDWA Secondary Standards - Federal		
TCRP - 5240			
The 13 Priority Pollutant Metals	RCRA Metals by Total Digestion		
RCRA Metals by TCLP (1311)			

PROJECT INFORMATION		SAMPLE RECEIPT	
PROJ. NO.:		NO. CONTAINERS	3
PROJ. NAME:		CUSTODY SEALS	Y 0 / NA
P.O. NO.:		RECEIVED INTACT	Y
SHIPPED VIA:		RECEIVED COLD	Y

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

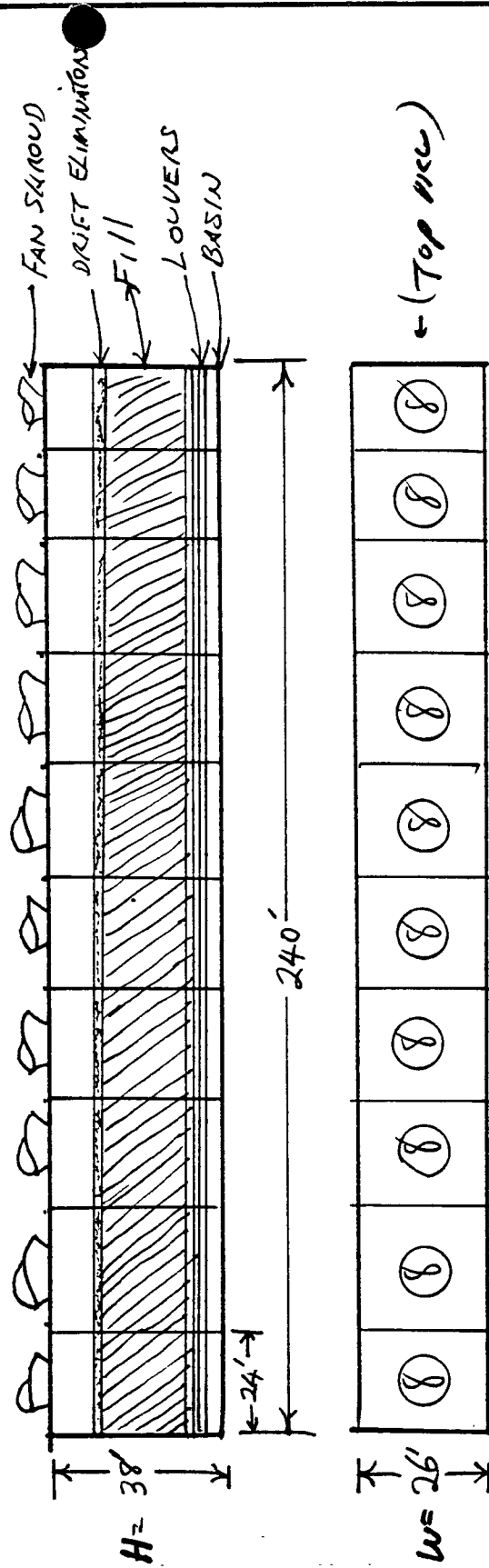
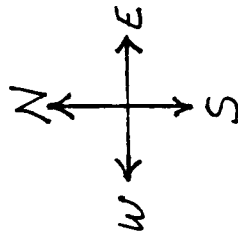
(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK (NORMAL) ☐ 2 WEEK

Comments: CHARGE NUMBER 93 B010621 - 0001-0113

SAMPLED & RELINQUISHED BY: 1.		RELINQUISHED BY: 2.		RELINQUISHED BY: 3.	
Signature: <i>[Signature]</i>	Time: 11:40	Signature:	Time:	Signature:	Time:
Printed Name: <i>WOLAN VAN NELLE</i>	Date: 8-5-93	Printed Name:	Date:	Printed Name:	Date:
Company: <i>SPVCS CO</i>	Phone: <i>577-8152</i>	Company:		Company:	
RECEIVED BY: 1.		RECEIVED BY: 2.		RECEIVED BY: (LAB) 3.	
Signature:	Time:	Signature:	Time:	Signature: <i>[Signature]</i>	Time: 10:04am
Printed Name:	Date:	Printed Name:	Date:	Printed Name: <i>DEKASEDA</i>	Date: 8/7/93
Company:		Company:		Analytical Technologies, Inc.	

BLANCO PLANT "A" COOLING TOWER

(FLUOR COUNTER FLO NO. FD 8527)



COMPOSITE RANDOM SAMPLE POINTS

- 1) 30 SAMPLE POINTS FROM WOODEN FAN SHROUD
- 2) 30 SAMPLE POINTS FROM DRIET ELIMINATORS (WOODEN)
- 3) 30 SAMPLE POINTS FROM WOODEN FILL
- 4) 30 SAMPLE POINTS FROM INTERNAL WALLS AND STRUCTURE.
- 5) LOUVERS WERE FIBERGLASS AND WERE NOT SAMPLED
- 6) BASIN WAS CONCRETE AND NOT SAMPLED.

8-6-93
Norman H. Hall

PROJECT MANAGER:

COMPANY: EL PASO NATURAL GAS
 ADDRESS: P.O. Box 4990
 PHONE: FARMINGTON, NM 87499
 FAX: 505-599-2144
 BILL TO: JOHN LAMB DIN
 COMPANY: S P N G CO
 ADDRESS: P.O. Box 4990
 FARMINGTON, NM 87499

SAMPLEID	DATE	TIME	MATRIX	LABID
1	2010-01-01	10:00	1	1
2	2010-01-01	10:00	1	1
3	2010-01-01	10:00	1	1
4	2010-01-01	10:00	1	1
5	2010-01-01	10:00	1	1
6	2010-01-01	10:00	1	1
7	2010-01-01	10:00	1	1
8	2010-01-01	10:00	1	1
9	2010-01-01	10:00	1	1
10	2010-01-01	10:00	1	1
11	2010-01-01	10:00	1	1
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13	2010-01-01	10:00	1	1
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71	2010-01-01	10:00	1	1
72	2010-01-01	10:00	1	1
73				

[illegible]

PROJECT INFORMATION

PROJ. NO.:	NO. CONTAINERS	
PROJ. NAME:	CUSTODY SEALS	Y ⁶ / NA
P.O. NO.:	RECEIVED INTACT	
SHIPPED VIA:	RECEIVED COLD	

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr (NORMAL) ☐ 1 WEEK ☐ 2 WEEK

Comments: CHARGES NUMBER

93 B010621-000-0113

SAMPLE RECEIPT

NO. CONTAINERS	
CUSTODY SEALS	YCN/NA
RECEIVED INTACT	
RECEIVED COLD	

ANALYSIS REQUEST

NUMBER OF CONTAINERS	
Petroleum Hydrocarbons (418.1)	
(MOD 8015) Gas/Diesel	
Diesel/Gasoline/BTXE/MTBE (MOD 8015/8020)	
BTXE/MTBE (8020)	
Chlorinated Hydrocarbons (601/8010)	
Aromatic Hydrocarbons (602/8020)	
SDWA Volatiles (502.1/503.1), 502.2 Reg. & Unreg.	
Pesticides/PCB (608/8080)	
Herbicides (615/8150)	
Base/Neutral/Acid Compounds GC/MS (625/8270)	
Volatile Organics GC/MS (624/8240)	
Polynuclear Aromatics (610/8310)	
SDWA Primary Standards - Arizona	
SDWA Secondary Standards - Arizona	
SDWA Primary Standards - Federal	
SDWA Secondary Standards - Federal	
TCR - 8370/5240	
The 13 Priority Pollutant Metals	
RCRA Metals by Total Digestion	
RCRA Metals by TCLP (1311)	

SAMPLED & RELINQUISHED BY: 1. RELINQUISHED BY:

Signature: <i>[Signature]</i>	Time: <i>10:50</i>	Signature:	Time:
Printed Name: <i>William K. [unclear]</i>	Date: <i>10/5/53</i>	Printed Name:	Date:
Company: <i>W. K. [unclear]</i>	Phone: <i>2-215</i>	Company:	

RECEIVED BY: 1 RECEIVED BY:

Signature:	Time:	Signature:	Time:
Printed Name:	Date:	Printed Name:	Date:
Company:		Company:	Analytical Technologies, Inc.

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 modification applications have been submitted to the Director of the Oil Conservation Division, State Land Office Building, P.O. Box 2088, Santa Fe, New Mexico 87504-2088, Telephone (505) 827-5800:

(GW-28) - Navajo Refining Company, Virgil R. Langford, Vice President of Refining, 501 East Main Street, Artesia, New Mexico 88210, has submitted an application to modify its previously approved discharge plan for their Artesia Refinery located in the SE/4, Section 1, E/2 Section 8, W/2 Section 9, N/2 Section 12, Township 17 South, Range 26 East, NMPM, Eddy County, New Mexico. The proposed modification consists of the addition of a reverse osmosis (RO) unit to treat raw makeup water for process feed water. Navajo Refining Company proposes to discharge the reject water from the RO unit directly into Eagle Draw at a point in the NE/4 NE/4 SE/4, Section 8, Township 17 South, Range 26 East. Approximately 600,000 gallons per day of reject water with a total dissolved solids concentration of approximately 3747 mg/l will be discharged into Eagle Draw for disposal. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 15 feet with a total dissolved solids concentration ranging from 1500 mg/l to 2500 mg/l. The discharge to Eagle Draw is a discharge to a water of the U.S. and also requires an NPDES permit issued through USEPA Region 6, 1445 Ross Avenue, Dallas, Texas 75202.

(GW-49) - El Paso Natural Gas Company, Anu Pundari, Sr. Compliance Engineer, P.O. Box 4990, Farmington, New Mexico 87499, has submitted an application to modify their previously approved discharge plan for their Blanco Compressor Station located in the N/2, Section 14, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. The proposed modification consists of increasing the total waste water discharging to the City of Bloomfield wastewater treatment plant from 57000 gallons per day to 173000 gallons per day. The increase in flow will be accompanied by a decrease in the total dissolved solids concentration in the wastewater from 1000 mg/l to less than 500 mg/l. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 1600 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

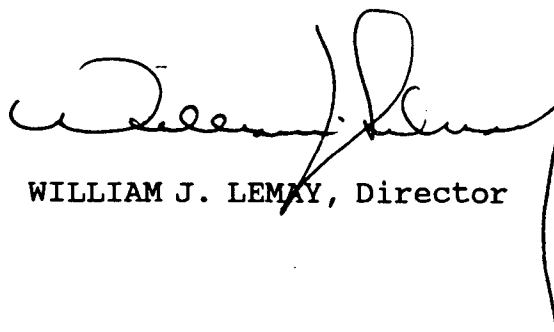
Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 17th day of December, 1992.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

A handwritten signature in black ink, appearing to read "William J. Lemay", is written over the printed name. The signature is fluid and cursive, with a large loop at the end.

WILLIAM J. LEMAY, Director

S E A L



OIL CONSERVATION DIVISION
RECEIVED

P. O. BOX 4990
FARMINGTON, NEW MEXICO 87499

'92 DEC 16 AM 9 06

December 11, 1992

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

Subject : Blanco Plant Discharge Plan Modifications

Dear Mr. Anderson:

El Paso Natural Gas Company(EPNG) plans to modify the quantity and quality of the wastewater discharge to the City of Bloomfield. On September 28, 1992, I discussed some of the wastewater modifications with Mr. William Olson. The section numbers from the 1988 Blanco Plant Discharge Plan are referenced below.

Section 3.1.2 - Scrubbers/Separators

The wastewater from the scrubbers no longer discharge into the oil classifier. The scrubbers discharge into the Blanco Recovery System which discharges into the Angel Peak suction line. The oil classifier, a concrete sump, was filled in with soil and is no longer in use.

Section 3.1.3 - Fractionator

The demolition of the Fractionator was recently completed. Drainlines from the fractionator were either removed or capped in place.

Section 3.1.5 - Boilers

The boiler house basement drains discharge into the contact wastewater piping. The contact wastewater discharges to the Surge Basin. The wastewater contains small amount of hydrocarbons from oil lubricated boiler house pump seal leaks. The Surge Basin functions as a skimmer basin which separates oil and water. The oil fraction is stored in a tank and is recycled. The water fraction discharges to the City of Bloomfield.

Section 3.1.6 - Cooling Towers

Currently, the noncontact wastewater flows into the Surge Basin. From the Surge Basin, the wastewater discharges to the City of Bloomfield wastewater treatment plant. Due to the Colorado River salinity restrictions, the City of Bloomfield requested EPNG to discharge wastewater with a Total Dissolved Solids (TDS) of 500 mg/l or less beginning January 1, 1993. EPNG will meet the TDS limit by increasing the blowdown rate from the cooling towers. The cooling towers will operate at lower cycles.

In June 1993, during the annual plant shutdown, EPNG plans to tie in the fin fans which will replace the "A" cooling tower. From January 1993 until June 1993, EPNG will triple our existing discharge flowrate and discharge approximately 120 gallons per minute to the City of Bloomfield. EPNG met with the City of Bloomfield and discussed the modifications. The City agreed to accept the higher flowrate from January 1993 until June 1993.

EPNG will tie in the evaporative coolers for bearing cooling and generator cooling (bearing cooling for boiler I.D. fans, oil coolers on generators, instrument air coolers, feed water pumps) in June 1993. During periods when the ambient air temperature is above 85 degrees Fahrenheit, wastewater from the evaporative coolers will discharge to the Surge Basin and then to the City of Bloomfield. The discharge flowrate is estimated to be approximately 15 gallons per minute.

After June 1993, the "C" cooling tower will continue to be operated at lower cycles to meet the TDS. Therefore, after June 1993, EPNG will discharge a maximum of approximately 85 gallons per minute to the City of Bloomfield.

Section 3.1.9 - Cooling Pond

Presently, an unlined "Cooling Pond" is used for cooling of boiler and evaporator blowdown and reactor-clarifier blowdown prior to discharge to the Surge Basin. EPNG plans to close the pond next year. The new facility will be designed to contain the wastewater and prevent discharges onto native soil.

Section 3.1.10 - North and South Flare Pits

The north flare pit was closed in February 1992. EPNG is currently closing the south flare pit. A new smokeless flare system was installed to replace the south flare pit. A 180 barrel liquid storage tank contained within a concrete berm contains liquids from the flare lines. The gas from the flare line is burned in the new smokeless flare.

Section 3.3.11 - Condensate Pond

The condensate pond which previously received small amounts of water drawn from the pipeline Drip Tanks is closed.

Section 3.1.12 - Crude Oil Tank

The Crude Oil Tank was recently sold to Meridian Oil. In the past, the water drain from the tank and drains from the concrete spill containment sumps discharged to the Skimmer Basin. The lines were disconnected and capped in place.

Demolition of the "A" and "B" Gasoline Plants

The demolition of the "A" and "B" Gasoline Plants was recently completed. Drainlines from the gasoline plant area were either removed or capped in place.

If there are any new modifications which will change the wastewater quantity or quality, EPNG will notify NMOCD.

If you have any questions, please call 599-2176 or Mr. David Hall at (915) 541-3531.

Sincerely,

A handwritten signature in cursive script that reads "Anu Pundari".

Anu Pundari
Sr. Compliance Engineer

cc: Mr. David Hall
Mr. Denny Foust