

3R - 144

REPORTS

DATE:

July, 1996

August 20, 1996

Mr. Bill Olson
New Mexico Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

RECEIVED

AUG 20 1996

Environmental Bureau
Oil Conservation Division

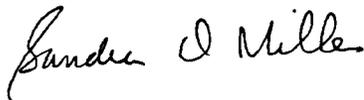
RE: Production Pit Closure Submittal

Dear Mr. Olson:

Enclosed herein are data packages for work completed at El Paso Field Services (EPFS) production pit locations where shallow groundwater was encountered during closure operations. The data included within indicate that these sites merit closure per the New Mexico Oil Conservation Division's (NMOCD) Vulnerable Area Orders and EPFS's closure plan submitted to the NMOCD. In front of each data package is a site specific checklist that indicates the work completed at each location. Each checklist is followed by a short summary of the activities and results of data collected to support closure.

Sincerely,

El Paso Field Services



Sandra Miller
Senior Environmental Manager

j:\16297\sm

SAN JUAN BASIN PIT CLOSURES
San Juan Basin, New Mexico

Pit Closure Report

July 1996

Prepared For

El Paso Field Services
Farmington, New Mexico

Project 16297

PHILIP
ENVIRONMENTAL

Denied
GW above slab

Closure Checklist

Meter Code

LD241

- Summary
- Site Map
- Site Assessment Sheet

Phase I Excavation

Yes

- closure form
- soil analytical results
- soil chain-of-custody
- groundwater analytical results
- groundwater chain-of-custody
- bills of lading

Phase II Soil Boring

Yes

- boring log
- soil analytical results
- soil chain-of-custody
- well installation form
- development form
- groundwater analytical
- groundwater chain-of-custody

Phase III Excavation

NO

- closure form
- soil analytical results
- soil chain-of-custody
- groundwater analytical
- groundwater chain of-custody
- bills of lading

Recon performed

NO

- groundwater analytical
- soil-gas analytical

If item boxes are not checked they are not applicable

**2C-45 Line Drip
Meter Code - LD241**

Pit was excavated to 12 feet beneath ground surface. Headspace soil readings from excavation bottom were 418 parts per million. Soil analytical were as follows; TPH - 750 mg/kg.

One soil boring was completed and a monitoring well installed. Soil boring analytical results were as follows; benzene - <.5 mg/kg, total BTEX - 3 mg/kg, TPH - < 10 mg/kg. Groundwater was encountered at 42.2 feet. Initial groundwater analytical were as follows; benzene - 71.3 ug/L, toluene - 329 ug/L, ethylbenzene - 34.2 ug/L, xylenes - 336 ug/l. Second groundwater analytical were as follows; benzene - 5.82 ug/L, toluene - 31.2 ug/L, ethylbenzene - 5.35 ug/L, xylenes - 36.3 ug/l.

FIELD PIT SITE ASSESSMENT FORM

P132506

GENERAL

Meter: N/A Location: 2C-45 Line Drip
 Operator #: N/A Operator Name: EPNG P/L District: Ofito
 Coordinates: Letter: P Section 13 Township: 2S Range: 06
 Or Latitude _____ Longitude _____
 Pit Type: Dehydrator _____ Location Drip: _____ Line Drip: Other: _____
 Site Assessment Date: 9-12-95 Area: 06 Run: 62

SITE ASSESSMENT

NMOCD Zone: (From NMOCD Maps) Inside (1) Outside (2)

Land Type: BLM (1) State (2) Fee (3) Indian _____

Depth to Groundwater
 Less Than 50 Feet (20 points) (1)
 50 Ft to 99 Ft (10 points) (2)
 Greater Than 100 Ft (0 points) (3)

Wellhead Protection Area :
 Is it less than 1000 ft from wells, springs, or other sources of fresh water extraction? , or ; Is it less than 200 ft from a private domestic water source? (1) YES (20 points) (2) NO (0 points)

Horizontal Distance to Surface Water Body
 Less Than 200 Ft (20 points) (1)
 200 Ft to 1000 Ft (10 points) (2)
 Greater Than 1000 Ft (0 points) (3)

Name of Surface Water Body Ephemeral Drain to Gonzales Canyon.
 (Surface Water Body : Perennial Rivers, Major Wash, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)

Distance to Nearest Ephemeral Stream (1) < 100' (Navajo Pits Only)
 (2) > 100'

TOTAL HAZARD RANKING SCORE: _____ POINTS

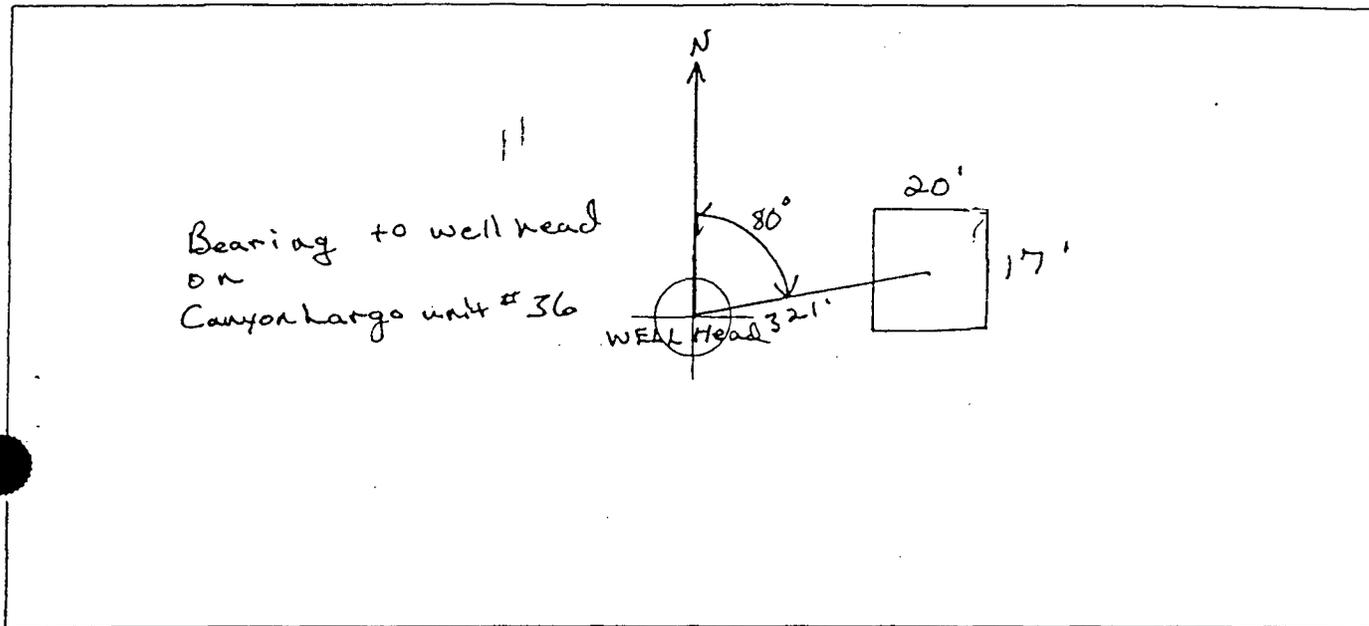
REMARKS

Remarks: Both Topo + Redline show inside VZ. Line drip belongs to Epng. Will close Line Drip.

LD241

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 80° Footage from Wellhead 321'
b) Length : 20' Width : 17' Depth : 3'



Remarks :

photos: 4 pict 10:30

Pit has water with oil on top.

Took Bearing to Wellhead on Canyon Largo unit # 36
meter # 71351

Completed By:

James J. Pauson

9-12-95

Phase I Excavation

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL

Meter: N/A Location: 20-45 line drip
 Coordinates: Letter: P Section 13 Township: 25 Range: 26
 Or Latitude _____ Longitude _____
 Date Started : 9-19-95 Run: 06 62

FIELD OBSERVATIONS

Sample Number(s): BK 465
 Sample Depth: 12' Feet
 Final PID Reading 418 PPM PID Reading Depth 12' Feet
 Yes No
 Groundwater Encountered Approximate Depth _____ Feet

CLOSURE

Remediation Method :

Excavation Approx. Cubic Yards 17000⁸
 Onsite Bioremediation
 Backfill Pit Without Excavation LT 1/19/95

Soil Disposition:

Envirotech Tierra
 Other Facility Name: _____

Pit Closure Date: 9-19-95 Pit Closed By: Philips

REMARKS

Remarks : Arrived took fence down pit had about 1' of
water & oil on top of it dug 180 Yd out sample walls
Bottom N-wall 252 PPM S-wall 33 PPM E-wall 367 PPM W-wall
PPM Bottom 357 PPM Phase I FENCE: 24x21x3

Signature of Specialist: Morgan Killion

No NET
 9/28/95
 LT



**FIELD SERVICES LABORATORY
ANALYTICAL REPORT**

PIT CLOSURE PROJECT - Soil Samples Inside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	MK466	947509
MTR CODE SITE NAME:	LD241	2C-45 Line Drip
SAMPLE DATE TIME (Hrs):	09/20/95	1325
PROJECT:	Phase I - Jicarilla	
DATE OF TPH EXT. ANAL.:	09/22/95	09/22/95
DATE OF BTEX EXT. ANAL.:	Not Required	Not Required
TYPE DESCRIPTION:	VG	Dark brown sand & clay

Field Remarks: (N-252) (S-33) (E-367) (W-3)

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	Not Required	MG/KG				
TOLUENE	Not Required	MG/KG				
ETHYL BENZENE	Not Required	MG/KG				
TOTAL XYLENES	Not Required	MG/KG				
TOTAL BTEX	Not Required	MG/KG				
TPH (418.1)	750	MG/KG			2.16	28
HEADSPACE PID	430	PPM				
PERCENT SOLIDS	85	%				

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

The Surrogate Recovery was at Not Required % for this sample All QA/QC was acceptable.

ative:

If site was originally designated as outside the GWVZ.

DF = Dilution Factor Used

Approved By: John L. ...

Date: 7/19/96

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper's No. _____

CARRIER: DOUG FOUTZ CONSTRUCTION (11967-PITS) SCAC

Carrier's No. _____ Date 9-19-95

TO: ENVIROTECH
5796 US HIGHWAY 64
FARMINGTON, NM

FROM: EL PASO NATURAL GAS COMPANY
P.O. BOX 4890
FARMINGTON, NM 87498-4990

Zip _____

Zip _____

Route: 1 of 2

Vehicle Number 12khes

Vehicle Number 835

No. Shipping Units	HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
1530		2C-45 Line / Envirotech	EXEMPT HYDROCARBON CONTAMINATED SOIL	N/A	10	YD.	N/A
1530		2C-45 Dip / Envirotech	EXEMPT HYDROCARBON CONTAMINATED SOIL	N/A	10	YD.	N/A
			EXEMPT HYDROCARBON CONTAMINATED SOIL			YD.	N/A
			EXEMPT HYDROCARBON CONTAMINATED SOIL			YD.	N/A
			EXEMPT HYDROCARBON CONTAMINATED SOIL			YD.	N/A

Remit C.O.D. to: _____ State: _____ Zip: _____

Address: _____

City: _____

C.O.D. FEE: Prepaid Collect

Freight Charges: PREPAID COLLECT

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ _____ Per _____

RECEIVED, subject to the classifications and liability filed herein in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted contents and condition of contents of packages (unknown), marked consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this bill of lading to mean the carrier named hereunder) has received through the shipper, the consignee and upon the following statement: The carrier shall not make delivery of the shipment without payment of freight and all other lawful charges.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

SHIPPER: EL PASO NATURAL GAS COMPANY
SANDRA MILLER

PER: Sandra Miller DATE: 9-19-95

EMERGENCY RESPONSE (505) 328-2282 PHILIP ENVIRONMENTAL MONITORED AT ALL TIMES THE HAZARDOUS MATERIAL IS IN TRANSPORTATION, INCLUDING STORAGE

PLACARDS REQUIRED PLACARDS SUPPLIED

CARRIER: Doug Foutz DATE: 9-19-95

PER: Alan Walker DRIVER SIGNATURE

NO - FURNISHED BY CARRIER

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING
ORIGINAL - NOT NEGOTIABLE

Shipper's No. _____

CARRIER: DOUG FOUTZ CONSTRUCTION ^{SAC} Ca (11957) (MITS) 9-19-85
Date 24324

TO: ENVIROTECH
5796 US HIGHWAY 64
FARMINGTON, NM 87401
Street Destination Zip

FROM: EL PASO NATURAL GAS COMPANY
P.O. BOX 4890
FARMINGTON, NM 87499-4990
Shipper Street Origin Zip

No. Shipping Units	HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	WEIGHT (subject to correction)	RATE	VEHICLE NUMBER	LABELS REQUIRED (or exemption)
11B		Envirotech / 26 45 Line	BACKFILL	N/A	10	YD.	835	N/A
14A		Envirotech / 26 45 Line	BACKFILL	N/A	10	YD.		N/A
15B0		Envirotech / 26 45 Line	BACKFILL	N/A	10	YD.		N/A
EW		Envirotech / 26 45 Line	BACKFILL	N/A	10	YD.		N/A

Remit C.O.D. to: _____
Address: _____
City: _____ State: _____ Zip: _____

COD Amt: \$ _____

C.O.D. FEE:
Prepaid Collect

FREIGHT CHARGES
 PREPAID COLLECT

PLACARDS REQUIRED **PLACARDS SUPPLIED**

CARRIER: *Doug Foutz* **DATE:** 9-19-85
PER: *Sandra Miller*

SHIPPER: EL PASO NATURAL GAS COMPANY
PER: SANDRA MILLER

EMERGENCY RESPONSE: EL PASO NATURAL GAS (505) 599-2141
TELEPHONE NUMBER: (505) 328-2282 PHILIP ENVIRONMENTAL

CONTAINS HAZARDOUS MATERIALS

MONITORED AT ALL TIMES THE HAZARDOUS MATERIAL IS IN TRANSPORTATION, INCLUDING STORAGE INCIDENTAL TO TRANSPORTATION (172 604)

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ _____ Per _____

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, it on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any portion of the property, that every service to be performed hereunder shall be subject to all the bill of lading, property conditions, and terms and conditions of the carrier's tariff in effect on the date of issue of this Bill of Lading.

Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to applicable regulations of the Department of Transportation.

Per *Sandra Miller*

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without release on the consignee, the consignee must sign the following statement: (The carrier shall not be liable for delivery of the shipment without payment of freight and all other lawful charges.)

(Signature of Consignee)

PLACARDS REQUIRED

PLACARDS SUPPLIED

YES NO - FURNISHED BY CARRIER
DRIVER SIGNATURE: _____

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper's No.

CARRIER: DOUG FOUTZ CONSTRUCTION (11957-PITS) SCAC

Carrier's No. 24324

Date 9-19-95

TO: ENVIROTECH
5796 US HIGHWAY 64
FARMINGTON, NM

FROM: EL PASO NATURAL GAS COMPANY
P.O. BOX 4980
FARMINGTON, NM 87499-4980

Destination Zip

Origin Zip

Route: 1 of 2

13 3/4 hrs.

Vehicle Number 931

No. Shipping Units	HM	Kind of Packages - Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
1150		Line 2C-45 Dip / Envirotech EMU	EXEMPT HYDROCARBON CONTAMINATED SOIL	W/A 10		YD.	N/A
1540		Line 2C-45 Dip / Envirotech EMU	EXEMPT HYDROCARBON CONTAMINATED SOIL	W/A 10		YD.	N/A
			EXEMPT HYDROCARBON CONTAMINATED SOIL			YD.	N/A
			EXEMPT HYDROCARBON CONTAMINATED SOIL			YD.	N/A
			EXEMPT HYDROCARBON CONTAMINATED SOIL			YD.	N/A

Remit C.O.D. to:

Address:

State:

Zip:

COD Amt: \$

C.O.D. FEE: Prepaid Collect

FREIGHT CHARGES: Prepaid COLLECT

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ Per

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property or any of its property, over all or any portion of said territory at said destination, on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property, over all or any portion of said territory at said destination, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: EL PASO NATURAL GAS COMPANY
SANDRA MILLER
DATE: 9-19-95
CARRIER: Doug Foutz
PER: Sandra Miller
DATE: 9-19-95

PLACARDS SUPPLIED: N/A
PLACARDS REQUIRED: N/A
MONITORED AT ALL TIMES THE HAZARDOUS MATERIAL IS IN TRANSPORTATION, INCLUDING STORAGE

EMERGENCY RESPONSE (505) 326-2282 PHILIP ENVIRONMENTAL
TELEPHONE NUMBER: (505) 326-2282 PHILIP ENVIRONMENTAL (172.604)

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper's No.

Ca (11867) ^{NPITS} 7.19.93

DOUG FOUTZ CONSTRUCTION

FROM: EL PASO NATURAL GAS COMPANY
Shipper P.O. BOX 4880
Street FARMINGTON, NM 87499-4890
Origin

ENVIROTECH
5786 US HIGHWAY 64
FARMINGTON, NM 87401
Destination

Zip

Vehicle Number 931

Route: 2 of 2

No. Shipping Units	HIM (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	Kind of Packages, Description of Articles	HAZARD CLASS	I.D. Number	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
1119		line Envirotech 2045 Drap	BACKFILL EMMW	N/A	10	YD.	N/A
1540		line Envirotech / 2C-45 Drap	BACKFILL EMMW	N/A	10	YD.	N/A
			BACKFILL			YD.	N/A
			BACKFILL			YD.	N/A
			BACKFILL			YD.	N/A

Remit C.O.D. to: **COD Amt: \$** State: Zip: City: **C.O.D. FEE:** Prepaid Collect \$

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RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

This is to certify that the above named materials are property classified, described, packaged, marked and condition in conformity with the applicable regulations of the Department of Transportation. Per Don Jergens DATE: 7.19.93

SHIPPER: EL PASO NATURAL GAS COMPANY SANDRA MILLER DATE: 7.19.93

EMERGENCY RESPONSE (505) 326-2262 PHILIP ENVIRONMENTAL MONITORED AT ALL TIMES THE HAZARDOUS MATERIAL IS IN TRANSPORTATION, INCLUDING STORAGE TELEPHONE NUMBER: (505) 326-2262 PHILIP ENVIRONMENTAL INCIDENTAL TO TRANSPORTATION (172-604)

PLACARDS REQUIRED

PLACARDS SUPPLIED

FREIGHT CHARGES PREPAID COLLECT

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIAL

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper's No.

CARRIER: DOUG FOUTZ CONSTRUCTION (11867-PITS) SCAC

Carrier's No. Date 9-19-95

TO: ENVIROTECH
5796 US HIGHWAY 64
FARMINGTON, NM

FROM: EL PASO NATURAL GAS COMPANY
P.O. BOX 4890
FARMINGTON, NM 87499-4990

Route: 1 of 2

Vehicle Number 934

No. Shipping Units	HM	(If Hazardous Materials - Proper Shipping Name)	Kind of Packages, Description of Articles	HAZARD CLASS	I.D. Number	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
1700		26-45 2 inc	EMU	EXEMPT HYDROCARBON CONTAMINATED SOIL	N/A	10	YD.	N/A
1700		26-45 2 inc	EMU	EXEMPT HYDROCARBON CONTAMINATED SOIL	N/A	10	YD.	N/A
1700		26-45 2 inc	EMU	EXEMPT HYDROCARBON CONTAMINATED SOIL	N/A	10	YD.	N/A
				EXEMPT HYDROCARBON CONTAMINATED SOIL			YD.	N/A
				EXEMPT HYDROCARBON CONTAMINATED SOIL			YD.	N/A
				EXEMPT HYDROCARBON CONTAMINATED SOIL			YD.	N/A

Remit C.O.D. to: Address: City: State: Zip:

COD Amt: \$

C.O.D. FEE: Prepaid Collect

FREIGHT CHARGES: PREPAID COLLECT

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RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the Property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

This is to certify that the above named materials are properly classified, marked, packaged, and labeled in accordance with applicable regulations of the Department of Transportation.

PLACARDS REQUIRED PLACARDS SUPPLIED

SHIPPER: EL PASO NATURAL GAS COMPANY SANDRA MILLER

CARRIER: Perry Fairbairn PER: Sandra Miller DATE: 9-19-95

EMERGENCY RESPONSE TELEPHONE NUMBER: (505) 326-2262 PHILIP ENVIRONMENTAL

MONITORED AT ALL TIMES THE HAZARDOUS MATERIAL IS IN TRANSPORTATION, INCLUDING STORAGE INCIDENTAL TO TRANSPORTATION (17604)

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

CONTAINS HAZARDOUS MATERIALS

Shipper's No.

CARRIER: DOUG FOUTZ CONSTRUCTION (11957 - PITTSBURGH) CAC

TO: ENVIROTECH
5796 US HIGHWAY 64
FARMINGTON, NM 87401
Street
Destination

FROM: EL PASO NATURAL GAS COMPANY 24324
Shipper P.O. BOX 4990
Street FARMINGTON, NM 87499-4990
Origin

Carrier's No. 9-19-95
Date

Zip

Route: 2 of 2 Vehicle Number 934

HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
<u>1160</u>	<u>Envirotech 12c-45 days</u>	<u>BACKFILL ENV 7.55</u>	<u>N/A</u>	<u>10</u>	<u>YD.</u>	<u>N/A</u>
<u>1160</u>	<u>Envirotech 12c-45 days</u>	<u>BACKFILL ENV</u>	<u>N/A</u>	<u>10</u>	<u>YD.</u>	<u>N/A</u>
		<u>BACKFILL</u>			<u>YD.</u>	<u>N/A</u>
		<u>BACKFILL</u>			<u>YD.</u>	<u>N/A</u>
		<u>BACKFILL</u>			<u>YD.</u>	<u>N/A</u>

Remit C.O.D. to: **COD Amt: \$**
Address: State: Zip: C.O.D. FEE: Prepaid Collect
City: FREIGHT CHARGES: PREPAID COLLECT

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ Per

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted in contents and condition of contents of packages (unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions hereon, including the date of shipment. Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. YES NO - FURNISHED BY CARRIER DRIVER SIGNATURE:

SHIPPER: EL PASO NATURAL GAS COMPANY
PER: Sandra Miller DATE: 9-19-95

SHIPPER: SANDRA MILLER
PER: Sandra Miller DATE: 9-19-95

EMERGENCY RESPONSE (505) 328-2262 PHILIP ENVIRONMENTAL MONITORED AT ALL TIMES THE HAZARDOUS MATERIAL IS IN TRANSPORTATION, INCLUDING STORAGE
TELEPHONE NUMBER: (505) 328-2262

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

STK. LIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper's No.

CARRIER: DOUG FOUTZ CONSTRUCTION (11967-PITS) SCAC

Carrier's No. Date 19 SEPT 1995
24324

TO: ENVIROTECH
6798 US HIGHWAY 64
FARMINGTON, NM

FROM: EL PASO NATURAL GAS COMPANY
Shipper P.O. BOX 4980
Street FARMINGTON, NM 87499-4990
Origin

Zip

Route: 1 of 2

12 hrs

Vehicle Number 935

No. Shipping Units	HM	(IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	Kind of Packages, Description of Articles	HAZARD CLASS	I.D. Number	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
111pp		EMW	20-45 LIME DRIP / ENVIROTECH	EXEMPT HYDROCARBON CONTAMINATED SOIL	A-2	10	YD.	N/A
111pp		EMW	20-45 LIME DRIP / ENVIROTECH	EXEMPT HYDROCARBON CONTAMINATED SOIL	A-2	10	YD.	N/A
				EXEMPT HYDROCARBON CONTAMINATED SOIL			YD.	N/A
				EXEMPT HYDROCARBON CONTAMINATED SOIL			YD.	N/A
				EXEMPT HYDROCARBON CONTAMINATED SOIL			YD.	N/A

Remit C.O.D. to:

Address:

City:

State: Zip:

COD Amt: \$

C.O.D. FEE:

Prepaid

Collect

FREIGHT CHARGES

PREPAID COLLECT

Subject to Section 7 of the conditions of this Agreement, if the shipment is to be delivered to the consignee without release on the consignor, the consignor shall pay the following charges:
The carrier shall not make delivery of this shipment without payment of freight and all other financial charges.
(Signatures of Consignor)

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ Per
RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or part of the property and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of issue of this bill of lading. Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Per Sandra Miller

EL PASO NATURAL GAS COMPANY

PLACARDS REQUIRED

N/A

PLACARDS SUPPLIED

YES NO - FURNISHED BY CARRIER DRIVER SIGNATURE:

CARRIER Doug Foutz Const. DATE 19 SEPT 1995

PER: Sandra Miller

EL PASO NATURAL GAS COMPANY

DATE: 19 SEPT 1995

SHIPPER: Sandra Miller

EMERGENCY RESPONSE (905) 328-2282 PHILIP ENVIRONMENTAL

TELEPHONE NUMBER: (905) 500-2141

MONITORED AT ALL TIMES THE HAZARDOUS MATERIAL IS IN TRANSPORTATION, INCLUDING STORAGE.

INCIDENTAL TO TRANSPORTATION (172.604)

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper's No. _____

Carrier's No. _____
Date 19 Sept 1990

CARRIER: DOUG FOUTZ CONSTRUCTION (11957 - PITSCAC)

TO: ENVIROTECH
5796 US HIGHWAY 64
Street FARMINGTON, NM 87401
Destination Zip _____

FROM: EL PASO NATURAL GAS COMPANY 24324
Shipper P.O. BOX 4990
Street FARMINGTON, NM 87499-4990
Origin Zip _____

Route: 2 of 2 Vehicle Number 935

No. Shipping Units	HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
<u>41</u>	<u>PO</u>	<u>ENVIROTECH / 2C-45 HVE DIB</u>	<u>BACKFILL E MW</u>	<u>N/A</u>	<u>ID</u>	YD.	N/A
<u>1</u>	<u>PO</u>	<u>ENVIROTECH / 2C-45 HVE DIB</u>	<u>BACKFILL E MW</u>	<u>N/A</u>	<u>ID</u>	YD.	N/A
			<u>BACKFILL</u>			YD.	N/A
			<u>BACKFILL</u>			YD.	N/A
			<u>BACKFILL</u>			YD.	N/A

Remit C.O.D. to: _____
Address: _____
City: _____ State: _____ Zip: _____
COD Amt: \$ _____
C.O.D. FEE: Prepaid Collect

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ _____ Per _____

RECEIVED subject to the classification and liability filed tariff in effect on the date of issue of this Bill of Lading, the property described above is, apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned and delivered as indicated above which said carrier (the word carrier being used in the bill of lading in its broadest sense) has agreed to deliver to each carrier of all or any of said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment. Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled in accordance with applicable regulations of the Department of Transportation. Per Sandra Miller

SHIPPER: EL PASO NATURAL GAS COMPANY
PER: SANDRA MILLER DATE: 19 Sept 1990

EMERGENCY RESPONSE (505) 326-2282 PHILIP ENVIRONMENTAL
TELEPHONE NUMBER: (505) 588-2141
MONITORED AT ALL TIMES THE HAZARDOUS MATERIAL IS IN TRANSPORTATION, INCLUDING STORAGE INCIDENTAL TO TRANSPORTATION. (172.604)

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper's No. _____
Carrier's No. 9-15-55
Date _____

CARRIER: DOUG FOUTZ CONSTRUCTION (11957-PITS) SCAC

TO: ENVIROTECH
6796 US HIGHWAY 64
Street FARMINGTON, NM
Destination _____ Zip _____

FROM: EL PASO NATURAL GAS COMPANY 24324
Shipper P.O. BOX 4980
Street FARMINGTON, NM 87498-4980
Origin _____ Zip _____

Route: 1 of 2
Vehicle Number 409
I.D. Number _____

No. Shipping Units	HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
1170		2c-45 Pipe / Envirotech	EXEMPT HYDROCARBON CONTAMINATED SOIL	N/A	10	YD.	N/A
1540		2c-45 Pipe / Envirotech	EXEMPT HYDROCARBON CONTAMINATED SOIL	N/A	10	YD.	N/A
842		2c-45 Pipe / Envirotech	EXEMPT HYDROCARBON CONTAMINATED SOIL	N/A	10	YD.	N/A
			EXEMPT HYDROCARBON CONTAMINATED SOIL			YD.	N/A
			EXEMPT HYDROCARBON CONTAMINATED SOIL			YD.	N/A
			EXEMPT HYDROCARBON CONTAMINATED SOIL			YD.	N/A

Remit C.O.D. to: _____
Address: _____
City: _____ State: _____ Zip: _____
COD Amt: \$ _____

C.O.D. FEE: Prepaid Collect
FREIGHT CHARGES: Prepaid Collect

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ _____ Per _____
RECEIVED subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading. This property described above in apparent good order, except as noted (amounts and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above-named materials are property classified, described, packaged, marked and labeled in accordance with the applicable regulations of the Department of Transportation.
Per Sandra Miller
PLACARDS REQUIRED PLACARDS SUPPLIED

SHIPPER: EL PASO NATURAL GAS COMPANY
SANDRA MILLER
DATE: _____
CARRIER: OFC
PER: Sandra Miller
DATE: 9-15-55

EMERGENCY RESPONSE (505) 500-2141
TELEPHONE NUMBER: (505) 320-2282 PHILIP ENVIRONMENTAL INCIDENTALS TO TRANSPORTATION (172,604)
MONITORED AT ALL TIMES THE HAZARDOUS MATERIAL IS IN TRANSPORTATION, INCLUDING STORAGE

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper's No. 9-19-95

CARRIER: DFC

DOUG FOUTZ CONSTRUCTION

California (NPTS)

TO: ENVIROTECH
5786 US HIGHWAY 64
FARMINGTON, NM 87401
Street Destination Zip

FROM: EL PASO NATURAL GAS COMPANY
P.O. BOX 4890
FARMINGTON, NM 87499-4990
Street Origin Zip

Route: 20f2

Vehicle Number 1109

No. Shipping Units	HIM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (for exemption)
<u>1130</u>		<u>Envirotech / 2c 45 / Trip</u>	<u>EMU</u>	<u>N/A</u>	<u>10</u>	<u>YD.</u>	<u>N/A</u>
<u>1540</u>		<u>Envirotech / 2c 45 / Trip</u>	<u>EMU</u>	<u>N/A</u>	<u>10</u>	<u>YD.</u>	<u>N/A</u>
			<u>BACKFILL</u>			<u>YD.</u>	<u>N/A</u>
			<u>BACKFILL</u>			<u>YD.</u>	<u>N/A</u>
			<u>BACKFILL</u>			<u>YD.</u>	<u>N/A</u>

Remit C.O.D. to: Address: City: State: Zip:

COD Amt: \$

C.O.D. FEE: Prepaid Collect

FREIGHT CHARGES: PREPAID COLLECT

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ Per

RECEIVED, subject to the classifications and liability filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted hereon, and condition of contents and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Per Sandra Miller

SHIPPER: EL PASO NATURAL GAS COMPANY

PLACARDS REQUIRED

NA

PLACARDS SUPPLIED

PER: Sandra Miller DATE: 7-19-95

SHIPPER: SANDRA MILLER

CARRIER: DFC

PER: Sandra Miller DATE: 7-19-95

EMERGENCY RESPONSE (505) 326-2282 PHILIP ENVIRONMENTAL

EL PASO NATURAL GAS (505) 500-2141 MONITORED AT ALL TIMES THE HAZARDOUS MATERIAL IS IN TRANSPORTATION, INCLUDING STORAGE INCIDENTAL TO TRANSPORTATION (172.604).

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIAL

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper's No.

Carrier's No. 9-19-95
Date

DOUG FOUTZ CONSTRUCTION (11957-PITS) SCAC

TO: TIERRA ENVIRONMENTAL CORP.
909 WEST APACHE
FARMINGTON, NM 87409
Street
Destination Zip

FROM: EL PASO NATURAL GAS COMPANY 24324
Shipper P.O. BOX 4990
Street FARMINGTON, NM 87499-4990
Origin Zip

Route: 1 of 2 Vehicle Number 72

No. Shipping Units	HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
<u>1135</u>		<u>26-45 Wine / Enviro Test</u>	EXEMPT HYDROCARBON CONTAMINATED SOIL	<u>N/A</u>	<u>10</u>	YD.	N/A
<u>1620</u>		<u>20-95 Wine / Enviro Test</u>	EXEMPT HYDROCARBON CONTAMINATED SOIL	<u>N/A</u>	<u>10</u>	YD.	N/A
			EXEMPT HYDROCARBON CONTAMINATED SOIL			YD.	N/A
			EXEMPT HYDROCARBON CONTAMINATED SOIL			YD.	N/A
			EXEMPT HYDROCARBON CONTAMINATED SOIL			YD.	N/A

Remit C.O.D. to: _____ State: _____ Zip: _____
Address: _____
City: _____

COD Amt: \$ _____

C.O.D. FEE:
Prepaid
Collect

FREIGHT CHARGES
 PREPAID COLLECT

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the terms of the contract, the carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. (Signature of Consignor)

RECEIVED, subject to the classifications and liability filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents are the responsibility of the shipper) and in conformity with the instructions throughout this contract as meaning any person or corporation in possession of the property under the contract agrees to carry to its usual place of delivery at said destination, if on its route otherwise to deliver to the consignee at the place of delivery named in any of said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment. Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.
Per Chris Archuleta

PLACARDS REQUIRED

N/A

PLACARDS SUPPLIED

YES NO -- FURNISHED BY CARRIER DRIVER SIGNATURE

SHIPPER: EL PASO NATURAL GAS COMPANY
SANDRA MILLER
DATE: _____
CARRIER: DFC

PER: Chris Archuleta
DATE: 9-19-95

EMERGENCY RESPONSE (505) 328-2262 PHILIP ENVIRONMENTAL INCIDENTALS TO TRANSPORTATION, (172-804)
MONITORED AT ALL TIMES THE HAZARDOUS MATERIAL IS IN TRANSPORTATION, INCLUDING STORAGE

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING
ORIGINAL - NOT NEGOTIABLE

Shipper's No. _____

CARRIER: DOUG FOUTZ CONSTRUCTION (11957 - PIT8)CAC

Carrier's No. _____
Date 9-19-95

TO: TIERRA ENVIRONMENTAL CORP.
909 WEST APACHE
FARMINGTON, NM 87409
Street Destination Zip

FROM: EL PASO NATURAL GAS COMPANY 24324
Shipper P.O. BOX 4990
Street FARMINGTON, NM 87499-4990
Origin Zip

Route: 2012

Vehicle Number 72

No. Shipping Units	HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
1135		Enviro tech / 26 45 ^{4 in 1} _{hine}	BACKFILL EMU 8:00	N/A	10	YD.	N/A
EW		Enviro tech / 26 45 _{hine}	BACKFILL EMU	N/A	10	YD.	N/A
1620		Enviro tech / 26 45 Dip	BACKFILL			YD.	N/A
			BACKFILL			YD.	N/A
			BACKFILL			YD.	N/A
			BACKFILL			YD.	N/A

Remit C.O.D. to: _____
Address: _____
City: _____ State: _____ Zip: _____
COD Amt: \$ _____
C.O.D. FEE: Prepaid Collect \$ _____
FREIGHT CHARGES: PREPAID COLLECT

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ _____ Per _____
RECEIVED - Subject to the classification and liability filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages, contract, marked, consigned, and delivered) through this contract as engaging any person or corporation in possession of the property under the contract, agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another place of delivery, if on its route, to the order of the consignee, and to be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled in accordance with the provisions of the Department of Transportation. Per: *Sandra Miller*
PLACARDS REQUIRED N/A YES NO - FURNISHED BY CARRIER
PLACARDS SUPPLIED DRIVER SIGNATURE: _____

SHIPPER: EL PASO NATURAL GAS COMPANY
SANDRA MILLER DATE: _____
CARRIER: DFC
PER: Chas Archuleta DATE: 9-19-95

EMERGENCY RESPONSE (505) 589-2141 MONITORED AT ALL TIMES THE HAZARDOUS MATERIAL IS IN TRANSPORTATION, INCLUDING STORAGE
TELEPHONE NUMBER: (505) 326-2262 PHILIP ENVIRONMENTAL INCIDENTAL TO TRANSPORTATION (172.604)

CONTAINS HAZARDOUS MATERIALS

Phase II Soil Boring

06-62 05170

RECORD OF SUBSURFACE EXPLORATION

Borehole # BH-1
 Well # _____
 Page 1 of 2

Environmental Services Corp.
 Marvoo Road
 Farmington, New Mexico 87401
 (606) 326-2262 FAX (606) 326-2388

Project Name EPNG Pits
 Project Number 14509 Phase 601
 Project Location ZC-45 Line Drip, Nonmeter

Elevation _____
 Borehole Location T25, R6, S13, P
 GWL Depth _____
 Logged By S. Kelly
 Drilled By M. Donohue
 Date/Time Started 11/2/95, 1215
 Date/Time Completed 11/2/95, 1345

Well Logged By S. Kelly
 Personnel On-Site M. Donohue, F. Rivera
 Contractors On-Site _____
 Client Personnel On-Site _____
 Drilling Method 4 1/4" ID HSA
 Air Monitoring Method CGI, 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
							B2	B4	S	
0				Backfill to 12'						
18-20	1	2.0'	7/2.0	clayey SILT, dk. grey, 10-25% clay, v. loose, damp	21				231 6429	1235
23-24.5	1	1.5'	1.5/1.5	SAND, tan, fine sand, v. loose, damp.				AK 11/2/95	438 64	1243
25-30	3	2.0'	6/2.0	silty SAND, dk. brown, 15-35% silt, fine sand, loose, damp.					546 958	1252
33-34.5	4	1.5'	1.0/1.5	SAA					152 2500	1259 sm. intervals of clay rich sand 2"-4" thick
36-40	5	2.0'	1.5/2.0	clayey SAND, brown, 10-30% plastic clay, fine sand, loose, wet.					17	1310 no headspace wet sample!

36'-40' sample (SEK 102) sent to lab (BTEX & TPH). Sample was bagged and iced prior to being put in jar. water level 47.2'. Installed well at 52.1'

Geologist Signature Sarah Kelly

RECORD OF SUBSURFACE EXPLORATION

Phillip Environmental Services Corp.
 00 Monroe Road
 Farmington, New Mexico 87401
 (606) 326-2262 FAX (606) 326-2388

Borehole # BH-1
 Well # _____
 Page 2 of 2

Project Name EPNG Pits
 Project Number 14509 Phase 601
 Project Location ZC-45 Line Drip

Well Logged By S.Kelly
 Personnel On-Site _____
 Contractors On-Site _____
 Client Personnel On-Site _____

Drilling Method _____
 Air Monitoring Method CGI, PID

Elevation _____
 Borehole Location _____
 GWL Depth _____
 Logged By S.Kelly
 Drilled By _____
 Date/Time Started _____
 Date/Time Completed _____

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	
40	6	43-44.5	9' / 1.5'	SAND, tan, mottled with rust fine to med. sand, dense, wet cutting head comes up with a med. sand, white, angular sand at 48.						water level at 42.2' No PID readings wet sample. Drilling is hard, like rock.
45										
50										
15				TOB - 52.1'						
20										
25										
30										
35										
40										

Comments: _____

Keith Walker



FIELD SERVICES LABORATORY

ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Inside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	SEK102	947731
MTR CODE SITE NAME:	LD241	2C-45 Line Drip
SAMPLE DATE TIME (Hrs):	11/02/95	1310
PROJECT:	Phase II Drilling	
DATE OF TPH EXT. ANAL.:	11/06/95	11/07/95
DATE OF BTEX EXT. ANAL.:	11/06/95	11/06/95
TYPE DESCRIPTION:	VG	Dark brown clay

Field Remarks: _____

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)	<10	MG/KG			1.91	28
HEADSPACE PID	Not Tested	PPM				
PERCENT SOLIDS	82.4	%				

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

Surrogate Recovery was at 105 % for this sample All QA/QC was acceptable.
 Active: _____

DF = Dilution Factor Used

Approved By: _____

Date: _____

7/19/94

MONITORING WELL INSTALLATION RECORD

Multip Environmental Services Corp.
 1000 Morroc Road
 Farmington, New Mexico 87401
 (606) 326-2262 FAX (606) 326-2388

Borehole # BH-1
 Well # MW-1
 Page 1 of 1

Project Name EPUG Pit Drilling

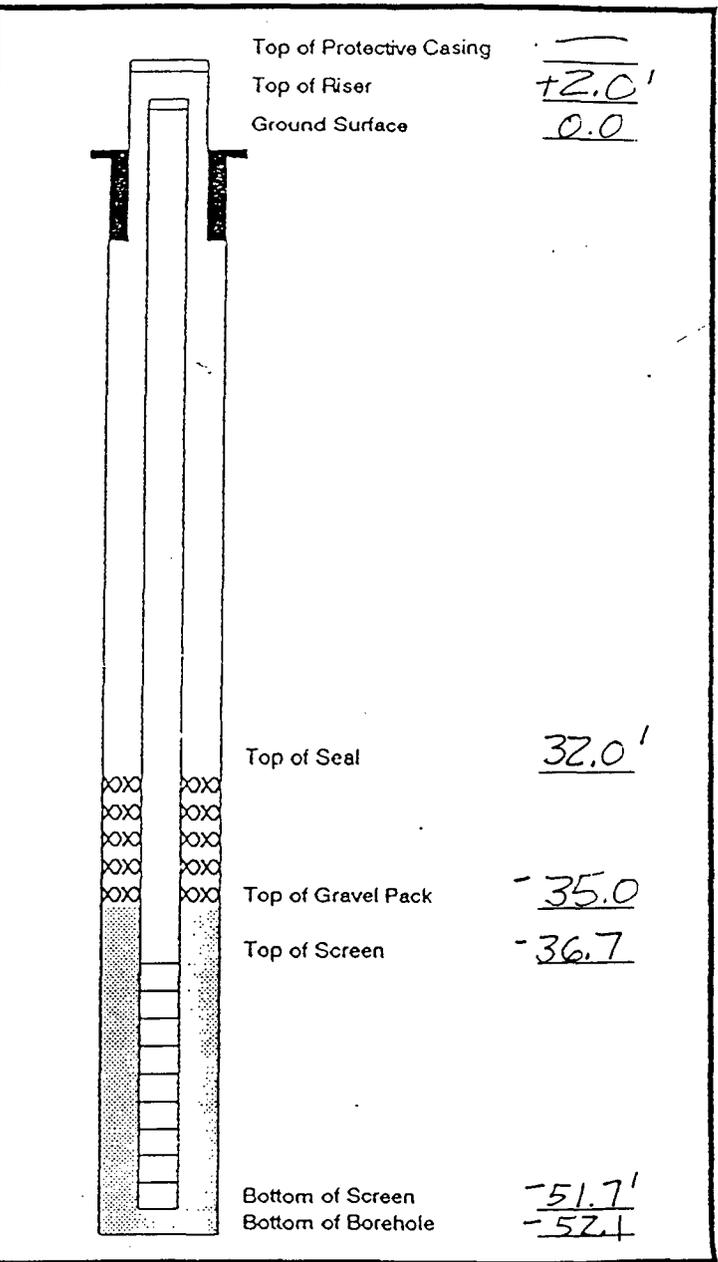
Project Number 14509 Phase 6007
 Project Location ZC-45 Line Strip, No meter

Elevation _____
 Well Location T25, R6, S13 P
 GWL Depth _____
 Installed By M. Donohue

On-Site Geologist S. Kelly
 Personnel On-Site M. Donohue, E. Rivera
 Contractors On-Site _____
 Client Personnel On-Site _____

Date/Time Started 11/2/95, 1345
 Date/Time Completed 11/2/95, 1715

Depths in Reference to Ground Surface		
Item	Material	Depth
Top of Protective Casing		
Bottom of Protective Casing		
Top of Permanent Borehole Casing		
Bottom of Permanent Borehole Casing		
Top of Concrete	Type I & II with 5% bentonite	
Bottom of Concrete		
Top of Grout		0.0
Bottom of Grout		32.0
Top of Well Riser	4", Sch. 40 PVC	+2.0
Bottom of Well Riser		-36.7
Top of Well Screen	4", Sch. 40 PVC, 1.010 slot	-36.7
Bottom of Well Screen		-51.7
Top of bentonite Bentonite Seal	Enviroplug Med.	-32.0
Bottom of bentonite Bentonite Seal		-35.0
Top of Gravel Pack	10-20 CSSI sand, 12 bags	-35.0
Bottom of Gravel Pack		-52.1
Top of Natural Cave-In		-
Bottom of Natural Cave-In		-
Top of Groundwater		
Total Depth of Borehole		-52.1



Comments: .4' and cap. - PVC

Geologist Signature

Sarah Kelley



Well Development and Purging Data

Development
 Purging

Well Number MW-1

Page of

Serial No. WDPD.

Project Name ELP 200 ALZURIC GAS

Project Manager Cory Chazara

Project No. 14509

Client Company RC-45 Linc Drp

Phase, Task No. 0003 77

Site Name Site Address

Development Criteria

- 3 to 5 Casing Volumes of Water Removal
- Stabilization of Indicator Parameters
- Other

Water Volume Calculation

Initial Depth of Well (feet) 54.87

Initial Depth to Water (feet) 39.14

Height of Water Column in Well (feet) 15.73

Diameter (inches): Well 4 Gravel Pack

Item	Water Volume in Well		Gallons to be Removed
	Cubic Feet	Gallons	
Well Casing		16	10.5
Gravel Pack			
Drilling Fluids			
Total			50

Methods of Development

- Pump Bailer
- Centrifugal Bottom Valve
- Submersible Double Check Valve
- Peristaltic Stainless-steel Kemmerer
- Other

Instruments Serial No. (if applicable)

pH Meter HYDAC

DO Monitor

Conductivity Meter

Temperature Meter

Other

Water Disposal

Returned to Transferred to
Water Separator in Bloomfield

Water Removal Data

Date	Time	Development Method	Removal Rate (gal/min)	Intake Depth (feet)	Ending Water Depth (feet)	Water Volume Removed (gallons)		Product Volume Removed (gallons)		Temperature (°C)	pH	Conductivity (umhos/cm) x 1000	Dissolved Oxygen (mg/L)	Comments
						Increment	Cumulative	Increment	Cumulative					
11-7-85	1115	X				10	10			58.5	7.74	1.40		Bumpy
	1140	Y				10	20			55.9	7.71	1.27		Red very silty
	1155	I				10	30			55.9	7.73	1.21		Red silty
	1215	I				10	40			55.4	7.68	1.17		1
11-7-85	1230	X				10	50			55.9	7.70	1.16		Clear silty

Circle the date and time that the development criteria are met.

Comments

Developer's Signature(s) James A. Day

Date 11-7-85

Reviewer Date



Water Sampling Data

Location No. MW-1Serial No. WSD-Group List Number Sample Type: Groundwater Surface Water Other Date 11-7-55Project Name EPUS P.F.S Project No. 14505Project Manager Cory Cheuce Phase Task No. 6003 77Site Name 2C-45 Line dmp

Sampling Specifications

Requested Sampling
Depth Interval (feet) TOP 3'
Requested Wait Following
Development/Purging (hours) None

Initial Measurements

Time Elapsed From Final Development/Purging (hours) 15
Initial Water Depth (feet) 39.14
Nonaqueous Liquids Present (Describe) None

Water Quality/Water Collection

DO = Dissolved Oxygen; Cond. = Conductivity

Date	Time	Sampler Initials	Water Quality Readings				Water Collection Data				Notes (Explain in Comments Below)	
			Temp. (°C)	pH	DO (mg/L)	Cond. (µmhos/cm)	Volume Removed (gallons)	Removal Rate (gal/min)	Pump Intake Depth (feet)	Bail		Final Water Depth (feet)

See well development and purging data sheet

Sample Containers

Container Type: G = Clear Glass; A = Amber Glass; P = Plastic; V = VOA Vial (Glass); O = Other (Specify)
Preservatives: H = HCl; N = HNO₃; S = H₂SO₄; A = NaOH; O = Other (Specify); - = None

Analytical Parameter List	Container			Field Filtered		Preserved	Cooled During Collection		Comments
	Number	Type	Volume (mL)	Yes	No		Yes	No	
BTEX	2	G	40		X	H	X		JAL 34
TDS	1	P	250		X	NA	X		JAL 34

Filter Type Chain-of-Custody Form Number Comments Signature James A. Long Date 11-7-55 Reviewer Date

El Paso Natural Gas Company

FIELD SERVICES LABORATORY ANALYTICAL REPORT PIT CLOSURE PROJECT - Water

SAMPLE IDENTIFICATION

SAMPLE NUMBER:	947760
FIELD ID:	JAL34
MTR CODE:	LD241
SAMPLE DATE:	35010 11/7/95 <i>2/6/96</i>
SAMPLE TYPE:	MW-1
SITE NAME:	2C-45 LINE DRIP
PROJECT:	Phase II Drilling MW
DATE OF BTEX ANALYSIS:	9-Nov-95

FIELD COMMENTS: _____

EPA Method 8020 (BTEX) RESULTS

PARAMETER	RESULT	QUALIFIER	WQCC LIMIT PPB
TDS - TOTAL DISSOLVED SOLIDS (PPM)	658		None
BENZENE (PPB)	71.3		10
TOLUENE (PPB)	329		740
ETHYL BENZENE (PPB)	34.2		750
TOTAL XYLENES (PPB)	336		620
SURROGATE % RECOVERY	100	Allowed Range 80 to 120 %	

Approved By: _____

John Latta

5/6/96 *signature*

To: John Lambdin

Date: May 8, 1996

From: Dennis Bird

Place: Laboratory Services

Subject: Ojito Pipeline Pit Monitor Well

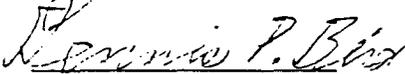
On Friday, April 19, 1996, I went to the Ojito Pipeline and sampled the following pit monitor well. The following analytical parameters are to be performed on this groundwater sample: BTXE, 8 RCRA Metals, General Chemistry to include Nitrate as NO₃. The samples were assigned the laboratory numbers 960377 to 960378. A field duplicate was also collected on this well. The Field Service Laboratory will be performing all of the analysis.

The following information was collected on this well.

Well Name	Monitor Well#	Pipe ID	Static Level	Total Depth	Gallons Bailed	
17 2C-45 Line Drip	MW-1	4"	39.03'	54.89'	33.0	LD 241

All bailing and sampling was done with disposable, one time use equipment and bottles. All samples were preserved on ice immediately after collection. The static level and total depth was measured from the top of the pipe.

Should you have any question or comments, please let me know.


Dennis P. Bird

cc: Nancy Prince
Sandra Miller

EPFS

EL PASO FIELD SERVICES

FIELD SERVICES LABORATORY ANALYTICAL REPORT

SAMPLE IDENTIFICATION

SAMPLE NUMBER:	960378
METER CODE:	LD 241
SITE NAME:	Ojito Pipeline
SAMPLE SITE:	2C-45 Line Drip MW-1
SAMPLE DATE:	04/19/96
SAMPLE TIME (Hrs):	1628
SAMPLED BY:	D. Bird
DATE OF BTEX ANALYSIS:	04/22/96
SAMPLE TYPE:	Water

REMARKS: Field Duplicate

EPA Method 8020 (BTEX) RESULTS

PARAMETER	RESULT PPB	QUALIFIER	WQCC LIMIT PPB
BENZENE	5.87	D (X2)	10
TOLUENE	30.6	D (X2)	740
ETHYL BENZENE	5.22	D (X2)	750
TOTAL XYLENES	35.4	D (X2)	620
SURROGATE % RECOVERY	88.8	Allowed Range 80 to 120 %	

NOTES:

The "D" Qualifier indicates that the reported result for this analyte is calculated based on the secondary correction factor shown.

EPFS

EL PASO FIELD SERVICES

FIELD SERVICES LABORATORY ANALYTICAL REPORT

SAMPLE IDENTIFICATION

SAMPLE NUMBER:	960377
METER CODE:	LD 241
SITE NAME:	Ojito Pipeline
SAMPLE SITE:	2C-45 Line Drip MW-1
SAMPLE DATE:	04/19/96
SAMPLE TIME (Hrs):	1628
SAMPLED BY:	D. Bird
DATE OF BTEX ANALYSIS:	04/22/96
SAMPLE TYPE:	Water

REMARKS: _____

EPA Method 8020 (BTEX) RESULTS

PARAMETER	RESULT PPB	QUALIFIER	WQCC LIMIT PPB
BENZENE	5.82	D (X2)	10
TOLUENE	31.2	D (X2)	740
ETHYL BENZENE	5.35	D (X2)	750
TOTAL XYLENES	36.3	D (X2)	620
SURROGATE % RECOVERY	91.9	Allowed Range 80 to 120 %	

NOTES:

The "D" Qualifier indicates that the reported result for this analyte is calculated based on the secondary detection factor shown.

Reported By: *mlh*

Approved By: *D. Bird*

Date: *4/30/96*

EPFS

EL PASO FIELD SERVICES

Field Services Laboratory Analytical Report

SAMPLE IDENTIFICATION

EPNG LAB ID:	960377
DATE SAMPLED:	04/19/96
TIME SAMPLED (Hrs):	1628
SAMPLED BY:	D. Bird
MATRIX:	Water
SAMPLE SITE NAME:	Ojito Pipeline
SAMPLE POINT:	2C-45 Line Drip MW-1
METER CODE:	LD 241

FIELD REMARKS: _____

GENERAL CHEMISTRY WATER ANALYSIS RESULTS

PARAMETER	RESULT	UNITS	DATE ANALYZED
pH	8.2	Units	04/23/96
Alkalinity as CO ₃	0.0	PPM	04/23/96
Alkalinity as HCO ₃	351	PPM	04/23/96
Calcium as Ca	19	PPM	04/23/96
Magnesium as Mg	2	PPM	04/23/96
Total Hardness as CaCO ₃	57	PPM	04/23/96
Chloride as Cl	4	PPM	04/20/96
Sulfate as SO ₄	202	PPM	04/20/96
Fluoride as F	0.3	PPM	04/23/96
Nitrate as NO ₃ -N	<0.2	PPM	04/20/96
Potassium as K	1.5	PPM	04/23/96
Sodium as Na	213	PPM	04/23/96
Total Dissolved Solids	648	PPM	04/25/96
Conductivity	920	umhos/cm	04/23/96
Anion/Cation %	1.7%	%, <5.0 Accepted	04/26/96

Lab Remarks:

Reported By: mh

Approved By: John Jorda

Date: 4/30/96

EPFS

EL PASO FIELD SERVICES

Field Services Laboratory Analytical Report

SAMPLE IDENTIFICATION

EPNG LAB ID:	960378
DATE SAMPLED:	04/19/96
TIME SAMPLED (Hrs):	1628
SAMPLED BY:	D. Bird
MATRIX:	Water
SAMPLE SITE NAME:	Ojito Pipeline
SAMPLE POINT:	2C-45 Line Drip MW-1
METER CODE:	LD 241

FIELD REMARKS: Field Duplicate

GENERAL CHEMISTRY WATER ANALYSIS RESULTS

PARAMETER	RESULT	UNITS	DATE ANALYZED
pH	8.2	Units	04/23/96
Alkalinity as CO ₃	0.0	PPM	04/23/96
Alkalinity as HCO ₃	353	PPM	04/23/96
Calcium as Ca	19	PPM	04/23/96
Magnesium as Mg	2	PPM	04/23/96
Total Hardness as CaCO ₃	57	PPM	04/23/96
Chloride as Cl	4	PPM	04/20/96
Sulfate as SO ₄	201	PPM	04/20/96
Fluoride as F	0.3	PPM	04/23/96
Nitrate as NO ₃ -N	<0.2	PPM	04/20/96
Potassium as K	1.5	PPM	04/23/96
Sodium as Na	214	PPM	04/23/96
Total Dissolved Solids	672	PPM	04/25/96
Conductivity	909	umhos/cm	04/23/96
Anion/Cation %	1.8%	%, <5.0 Accepted	04/26/96

Lab Remarks:

Reported By: mh

Approved By: John L. L...

Date: 4/30/96

EPFS

EL PASO FIELD SERVICES

FIELD SERVICES LABORATORY ANALYTICAL REPORT

SAMPLE IDENTIFICATION

SAMPLE NUMBER:	960377
LOCATION:	Ojito Pipeline
SAMPLE SITE:	2C-45 Line Drip MW-1
METER CODE:	LD241
SAMPLE DATE:	04/19/96
SAMPLE TIME (Hrs):	1628
SAMPLED BY:	D. Bird

REMARKS: _____

RESULTS

PARAMETER	TOTAL RESULT (mg/L)	N. M. WQCC LIMIT (mg/L)
ARSENIC	<0.025	0.100
BARIIUM	<0.5	1.00
CADMIUM	<0.0005	0.010
CHROMIUM	0.009	0.050
LEAD	0.015 *	0.050
MERCURY	<0.00024	0.002
SELENIUM	<0.005	0.050
SILVER	<0.0004	0.050

NOTE: The sample results have been corrected for volume adjustment associated with Method 3015.

* This analyte was detected in the associated Method Blank at a concentration of 0.011 mg/L.

References:

- Method 3015, Microwave Assisted Acid Digestion of Aqueous Samples and Extracts, Test Methods for Evaluating Solid Waste, SW-846, Sept., 1994.
- Method 7061A, Arsenic (Atomic Absorption, Gaseous Hydride), Test Methods for Evaluating Solid Waste, SW-846, USEPA, July, 1992.
- Method 7080A, Barium (Atomic Absorption, Direct Aspiration), Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept., 1994.
- Method 7131, Cadmium (Atomic Absorption, Furnace Technique), Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept., 1986.
- Method 7191, Chromium (Atomic Absorption, Furnace Technique), Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept., 1986.
- Method 7421, Lead (Atomic Absorption, Furnace Technique), Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept., 1986.
- Method 245.5, Mercury (Automated Cold Vapor Technique), Methods for the Determination of Metals in Environmental Samples, EPA 600/4-91/010, EPA, June, 1991.
- Method 7741A, Selenium (Atomic Absorption, Gaseous Hydride), Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept., 1994.
- Method 7761, Silver (Atomic Absorption, Furnace Technique), Test Methods for Evaluating Solid Waste, SW-846, USEPA, July, 1992.

Reported By: mh

Approved By: John Linder

Date: 10/5/96

EPFS

EL PASO FIELD SERVICES

FIELD SERVICES LABORATORY ANALYTICAL REPORT

SAMPLE IDENTIFICATION

SAMPLE NUMBER:	960378
LOCATION:	Ojito Pipeline
SAMPLE SITE:	2C-45 Line Drip MW-1
METER CODE:	LD241
SAMPLE DATE:	04/19/96
SAMPLE TIME (Hrs):	1628
SAMPLED BY:	D. Bird

REMARKS: Field Duplicate

RESULTS

PARAMETER	TOTAL RESULT (mg/L)	N. M. WQCC LIMIT (mg/L)
ARSENIC	<0.025	0.100
BARIIUM	<0.5	1.00
CADMIUM	<0.0005	0.010
CHROMIUM	0.007	0.050
LEAD	0.013 *	0.050
MERCURY	<0.00024	0.002
SELENIUM	<0.005	0.050
SILVER	<0.0004	0.050

NOTE: The sample results have been corrected for volume adjustment associated with Method 3015.

* This analyte was detected in the associated Method Blank at a concentration of 0.011 mg/L.

References:

- Method 3015, Microwave Assisted Acid Digestion of Aqueous Samples and Extracts, Test Methods for Evaluating Solid Waste, SW-846, Sept., 1994.
- Method 7061A, Arsenic (Atomic Absorption, Gaseous Hydride), Test Methods for Evaluating Solid Waste, SW-846, USEPA, July, 1992.
- Method 7080A, Barium (Atomic Absorption, Direct Aspiration), Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept., 1994.
- Method 7131, Cadmium (Atomic Absorption, Furnace Technique), Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept., 1986.
- Method 7191, Chromium (Atomic Absorption, Furnace Technique), Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept., 1986.
- Method 7421, Lead (Atomic Absorption, Furnace Technique), Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept., 1986.
- Method 245.5, Mercury (Automated Cold Vapor Technique), Methods for the Determination of Metals in Environmental Samples, EPA 600/4-91/010, USEPA, June, 1991.
- Method 7741A, Selenium (Atomic Absorption, Gaseous Hydride), Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept., 1994.
- Method 7761, Silver (Atomic Absorption, Furnace Technique), Test Methods for Evaluating Solid Waste, SW-846, USEPA, July, 1992.

Reported By: *mh*

Approved By: *[Signature]*

Date: *10/1/06*



CHAIN OF CUSTODY RECORD

Project No.	Project Name	Samplers: (Signature)		Date	Receiving Temp. (°F)	Total No. of Containers	Chain of Custody Seals	Intact?	Composite or Grab	See Attached	Requested Analysis	Contract Laboratory																																																
	02770 PIPELINE	Dennis Bird		4-19-96	34						BTX, GENERAL CHEMISTRY, 8 PCBs, Methyl	EC-PASSO FIELD SERVICE CO. 770 WEST AVENUE FARMINGTON N.M. 87401																																																
Lab ID	Date	Time	Matrix	Sample Number								Remarks																																																
	4-19-96	1628	WATER	960377	4				G	X	X	3C-45 LINE DRIP M/C L0241																																																
	4-19-96	1628	WATER	960378	4				G	X	X	3C-45 LINE DRIP M/C L0241																																																
	4-19-96	---	WATER	---	1				G	X		TRIP BEANK																																																
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Dennis Bird	4-19-96 1658																																																											
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Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)	Date/Time	Remarks:																																																								
		Dennis Bird	4/22/96 10750																																																									
Results & Invoices to:																																																												

EPFS

EL PASO FIELD SERVICES

QUALITY CONTROL REPORT

Sample ID: 960320 to 960323, 960325 to 960327, 960330 to 960334,
 960340 to 960343, 960350 to 960353, 960355 to 960356,
 960370 to 960373, and 960375 to 960378, 960380 & 960386

Date Reported: 05/10/96

TOTAL METALS

LABORATORY CONTROL SAMPLE

Analyte	Found Value (µg/L)	Known Value (µg/L)	% Recovery
Arsenic	26.2	27.0	97%
Barium	309	315	98%
Cadmium	3.06	2.90	106%
Chromium	7.09	6.70	106%
Lead	35.9	39.5	91%
Mercury	1.79	1.75	102%
Selenium	36.7	31.0	118%
Silver	3.16	3.06	103%

LABORATORY CONTROL SAMPLE (2nd run)

Analyte	Found Value (µg/L)	Known Value (µg/L)	% Recovery
Arsenic	NA	NA	NA
Barium	NA	NA	NA
Cadmium	2.76	2.90	95%
Chromium	7.34	6.70	110%
Lead	35.9	39.5	91%
Mercury	1.71	1.75	98%
Selenium	NA	NA	NA
Silver	NA	NA	NA

NA: Not Applicable. A second run was not required.

mlh

Alan L. L...

Date: 10/1/96



EL PASO FIELD SERVICES

QUALITY CONTROL REPORT

TOTAL METALS, DUPLICATE ANALYSIS

SAMPLE ID: 960321

Analyte	Original Sample Result ($\mu\text{g/L}$)	Duplicate Sample Result ($\mu\text{g/L}$)	% RPD
Arsenic	ND	ND	NA
Barium	ND	ND	NA
Cadmium	ND	ND	NA
Chromium	1.65	1.61	2.5%
Lead	2.3	2.1	8.2%
Mercury	ND	ND	NA
Selenium	ND	ND	NA
Silver	ND	ND	NA

SAMPLE ID: 960343

Analyte	Original Sample Result ($\mu\text{g/L}$)	Duplicate Sample Result ($\mu\text{g/L}$)	% RPD
Arsenic	ND	ND	NA
Barium	ND	ND	NA
Cadmium	ND	ND	NA
Chromium	1.14	1.28	11.6%
Lead	2.4	2.1	11.7%
Mercury	ND	ND	NA
Selenium	ND	ND	NA
Silver	ND	ND	NA

SAMPLE ID: 960375

Analyte	Original Sample Result ($\mu\text{g/L}$)	Duplicate Sample Result ($\mu\text{g/L}$)	% RPD
Arsenic	ND	ND	NA
Barium	1.15	1.12	2.6%
Cadmium	0.56	0.55	1.8%
Chromium	29.1	29.0	0.3%
Lead	12.1	13.3	9.4%
Mercury	ND	ND	NA
Selenium	ND	ND	NA
Silver	ND	ND	NA

ND Analyte Not Detected at stated detection level.

NA Not Applicable.

Reported By: mh

Approved By: *[Signature]*

Date: 10/19/96

EPFS

EL PASO FIELD SERVICES

QUALITY CONTROL REPORT

TOTAL METALS, SPIKE ANALYSIS

SAMPLE ID: 960321

Analyte	Original Sample Result ($\mu\text{g/L}$)	Spike Sample Result ($\mu\text{g/L}$)	Spike Added	Recovery Percent
Arsenic	ND	47.4	45.5	104%
Barium	236	1098	959	92%
Cadmium	ND	8.12	9.59	85%
Chromium	1.65	51.9	45.5	108%
Lead	ND	37.3	45.5	82%
Mercury	ND	1.94	2.00	97%
Selenium	ND	9.64	9.60	100%
Silver	ND	43.0	45.5	95%

SAMPLE ID: 960343

Analyte	Original Sample Result ($\mu\text{g/L}$)	Spike Sample Result ($\mu\text{g/L}$)	Spike Added	Recovery Percent
Arsenic	ND	53.7	45.5	118%
Barium	166	1102	959	99%
Cadmium	ND	9.33	9.60	96%
Chromium	1.14	39.8	45.5	85%
Lead	ND	40.0	45.5	88%
Mercury	ND	1.92	2.00	96%
Selenium	ND	10.3	9.60	108%
Silver	ND	36.0	45.5	79%

SAMPLE ID: 960375

Analyte	Original Sample Result ($\mu\text{g/L}$)	Spike Sample Result ($\mu\text{g/L}$)	Spike Added	Recovery Percent
Arsenic	8.5	55.3	45.5	105%
Barium	1036	1889	959	99%
Cadmium	0.42	11.1	9.60	112%
Chromium	29.1	59.5	45.5	73%
Lead	10.9	38.1	45.5	62%
Mercury	ND	2.03	2.00	101%
Selenium	ND	9.47	9.60	99%
Silver	ND	39.1	45.5	86%

NOTE: Spike recoveries for Cr and Pb for Sample 960375 are below acceptance criteria due to matrix interference.

Reported By: mh

Approved By: [Signature]

Date: 10/5/90

EPFS

EL PASO FIELD SERVICES

QUALITY CONTROL REPORT

TOTAL METALS, METHOD BLANK ANALYSIS

04/24/96 METHOD BLANK

Analyte	Found Value (µg/L)	Detection Level (µg/L)
Arsenic	ND	25
Barium	ND	500
Cadmium	ND	0.5
Chromium	ND	1
Lead	ND	4
Mercury	ND	0.24 *
Selenium	ND	5
Silver	ND	0.4

04/25/96 METHOD BLANK

Analyte	Found Value (µg/L)	Detection Level (µg/L)
Arsenic	ND	25
Barium	ND	500
Cadmium	ND	0.5
Chromium	ND	1
Lead	11	4
Mercury	ND	0.24 *
Selenium	ND	5
Silver	ND	0.4

ND: Not Detected at stated detection level.

NA: Not Applicable.

NOTE: All detection levels except Hg are 5X MDL.

Hg detection level is based on a Practical Quantitation Level (PQL) of 10X MDL.

Analyst: *mh*

Approved By: _____

John Steadman

Date: 10/5/00

