

3R - 326

REPORTS

DATE:

1997

April 15, 1997

Mr. William Olson
Hydrogeologist
Oil Conservation Division
2040 So. Pacheco
Santa Fe, New Mexico 87505



RE: 1997 SAN JUAN BASIN ANNUAL GROUNDWATER REPORT

Dear Bill:

PNM is pleased to submit the 1997 Annual Groundwater Report on Unlined Surface Impoundments in the San Juan Basin. Pursuant to PNM's Groundwater Management Program for Unlined Surface Impoundment Closures, the report details the ongoing investigation/remedial activities at unlined surface impoundments having groundwater contamination as identified by PNM. A list of groundwater sites reported in this document is provided below.

Cozzens B1
Florance 32A
Florance 40
Florance 44
Florance 47X
Florance 124
Hampton 4M
Honolulu Loop-Line Drip
Jacques 2A
Kaufmann 1
Mangum 1E
McClanahan A2E
McClanahan 22
McCoy A1A
Reid 16 Drip
Templeton 1E
Zachry 18E

RECEIVED

APR 16 1997

Environmental Bureau
Oil Conservation Division

PNM plans to request closure of two of the above sites, the Florance 124 and the Templeton 1E, in our April 30, 1997 filing of the San Juan Pit Closure Reports to the OCD Santa Fe office. We did not report on our newest groundwater site, the Sammons 2, since this was discovered in the second quarter of 1997. If you have any questions regarding the contents of the report, please contact me at (505) 241-2974.

Sincerely,

A handwritten signature in cursive script that reads "Maureen Gannon".

Maureen Gannon
Project Manager

Attachment

cc: Denver Bearden, PNMGS
Denny Foust, OCD-Aztec Office
Robin Prisk, WFS

**PNM 1997 San Juan Basin Groundwater Report
April 15, 1997**

Prepared for:

**New Mexico Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505**

Prepared by:

**Public Service Company of New Mexico
Environmental Services Department
Alvarado Square - MS 0408
Albuquerque, New Mexico 87158**

PNMGS Well Site: Kaufmann 1

Groundwater Site Summary Report

Quarter/Year: 4/96 & 1/97

Copies: WFS(1)
Operator (1)
NMOCD District Office (1)
NMOCD Santa Fe (1)

Operator: Synder
Sec: 33 Twn: 31 Rng: 13 Unit: H
Canyon: La Plata River

Vulnerable Class: Original
OCD Ranking: 40
Lead Agency: NMOCD

Topo Map: previously submitted
Well Completion Diagram: previously submitted
Site Map with Analytical Results: Figure 1
Groundwater Contour Map: Figure 2 (November 1996)
Groundwater Contour Map: Figure 3 (February 1997)
Hydrograph: Figure 4
Analytical Results: attached

Activities for Previous Two Quarters (Oct. - Dec. 1996 & Jan. - Mar. 1997):

PNM performed groundwater monitoring at the Kaufmann 1 well site on November 12, 1996 and again on February 20, 1997. Water level measurements were taken in each of the four monitoring wells. PNM conducted groundwater sampling in all wells for chemical analyses of benzene, toluene, ethylbenzene, and xylenes (BTEX) using EPA Method 8020. Sampling was performed in strict compliance with EPA protocol. PNM hand-delivered samples to OnSite Technologies, Farmington, New Mexico.

Results:

Figure 1 presents the Kaufmann 1 site map with analytical results to date. The up-gradient well, MW-1, remains clean after three quarters. In MW-2, the source well, benzene concentrations have dropped within the last two quarters to below WQCC standards. Other constituents in MW-2 have been below standards since monitoring began. Down-gradient well, MW-3 and MW-4, contain slight "hits" of BTEX but concentrations continue to be below standards.

Figures 2 and 3 provide groundwater contour maps for November 1996 and February 1997, respectively. The direction of groundwater flow has changed slightly from a southwesterly direction to a more westerly direction with the increase in groundwater elevation beneath the site.

Future Actions:

PNM will continue to monitor groundwater gradient and perform quarterly sampling at the Kaufmann 1 well site. We anticipate closure of this site after two more calendar quarters of sampling.

Public Service Company of New Mexico - Gas Services

Environmental Services Division - Alvarado Square, MS-0408
Albuquerque, NM 87158

Contact: Maureen Gannon

Telephone: 505-241-2974

Figure 1. Kaufmann 1 Site Map with Analytical Results
(concentrations in ppb)

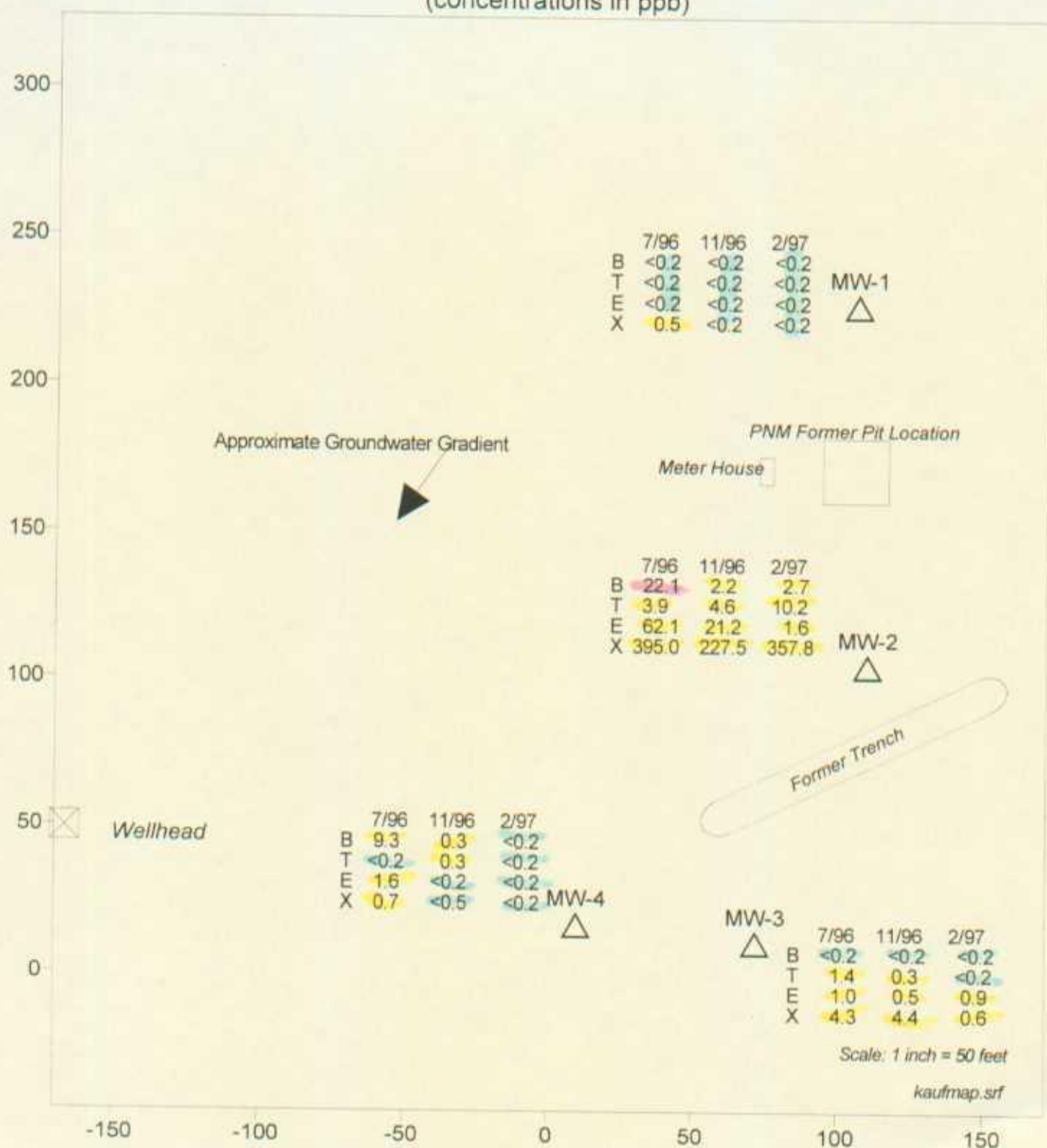


Figure 2. Kaufmann 1 Groundwater Contour Map (November 1996)

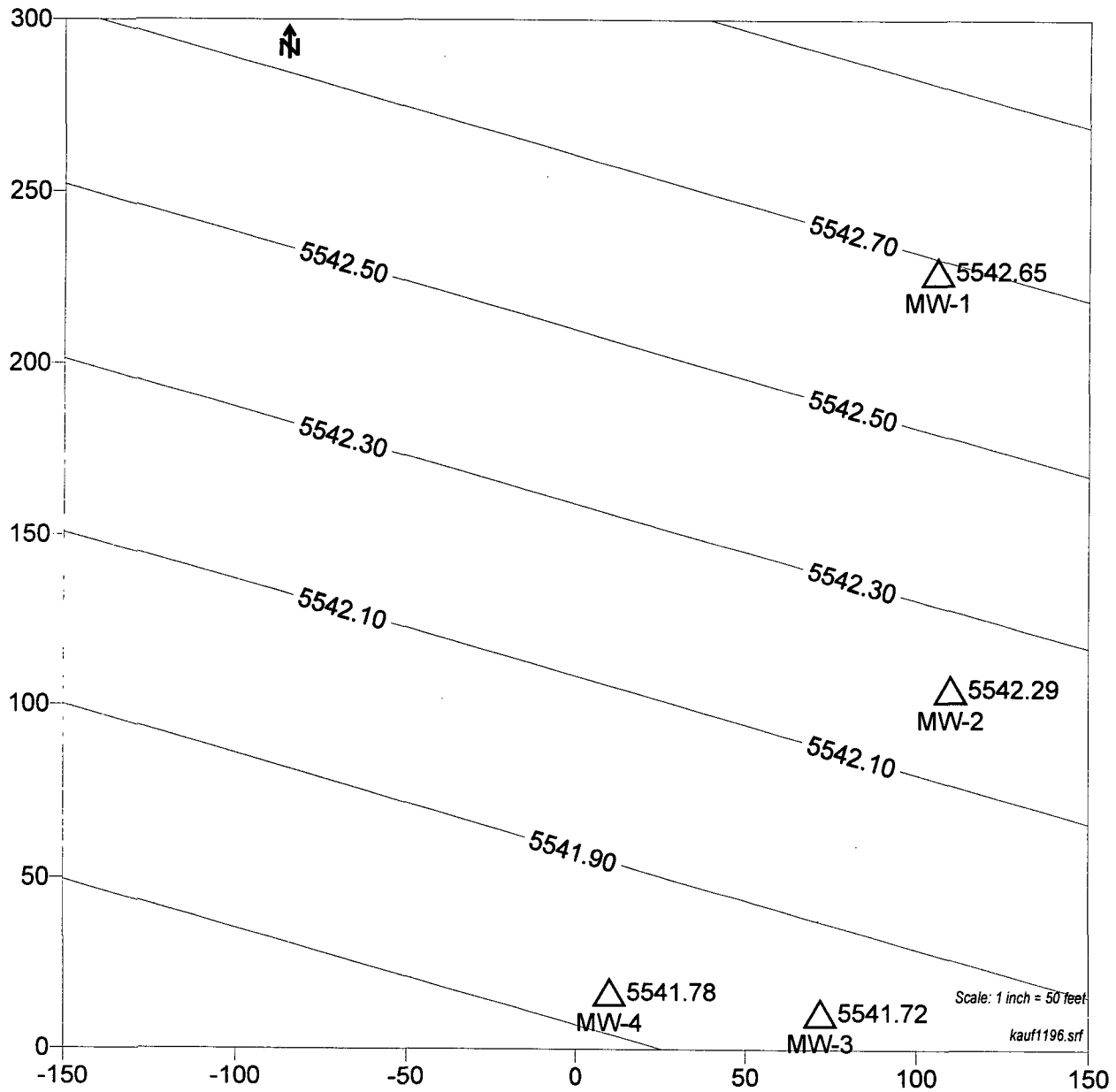


Figure 3. Kaufmann 1 Groundwater Contour Map (February 1997)

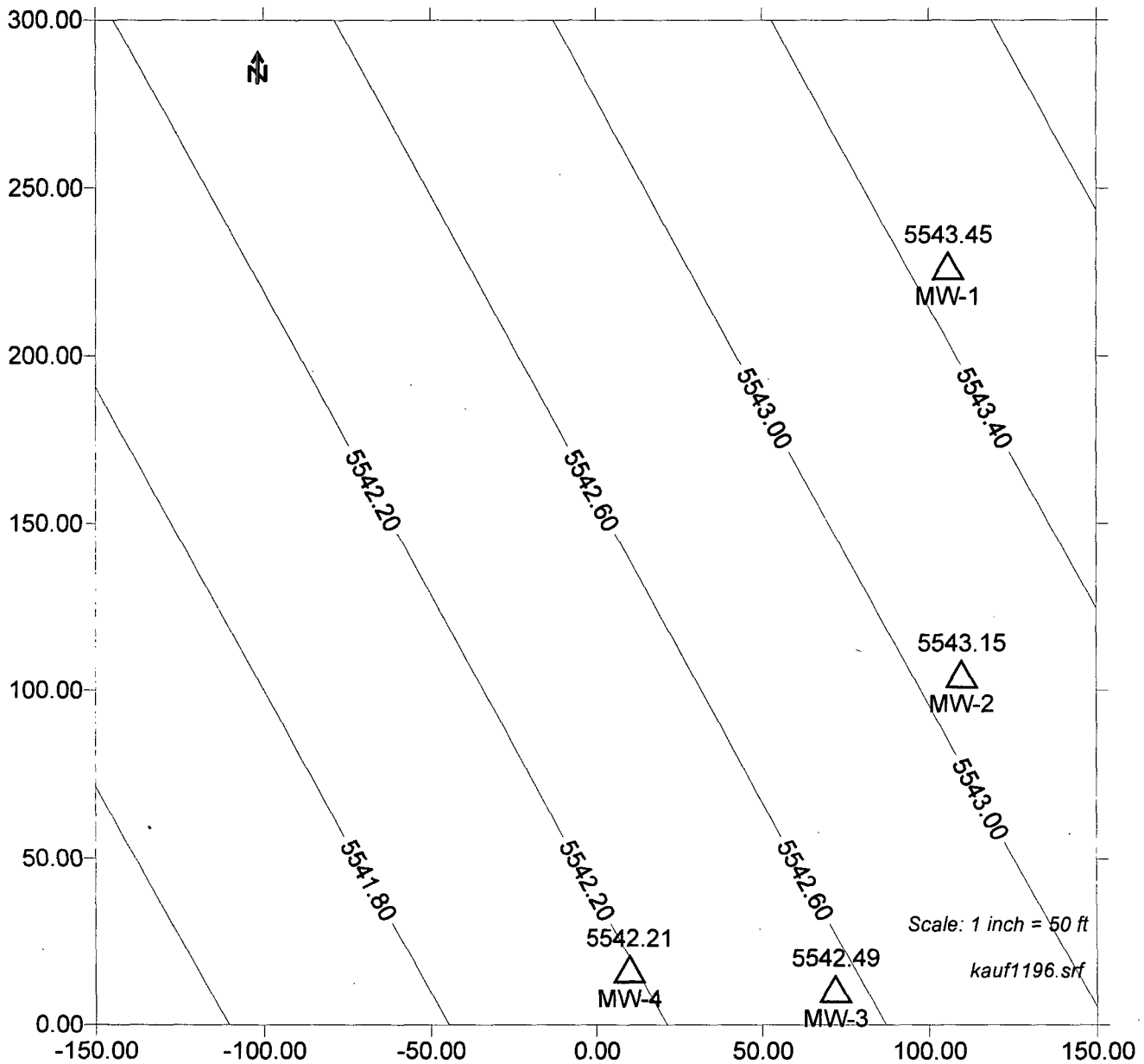
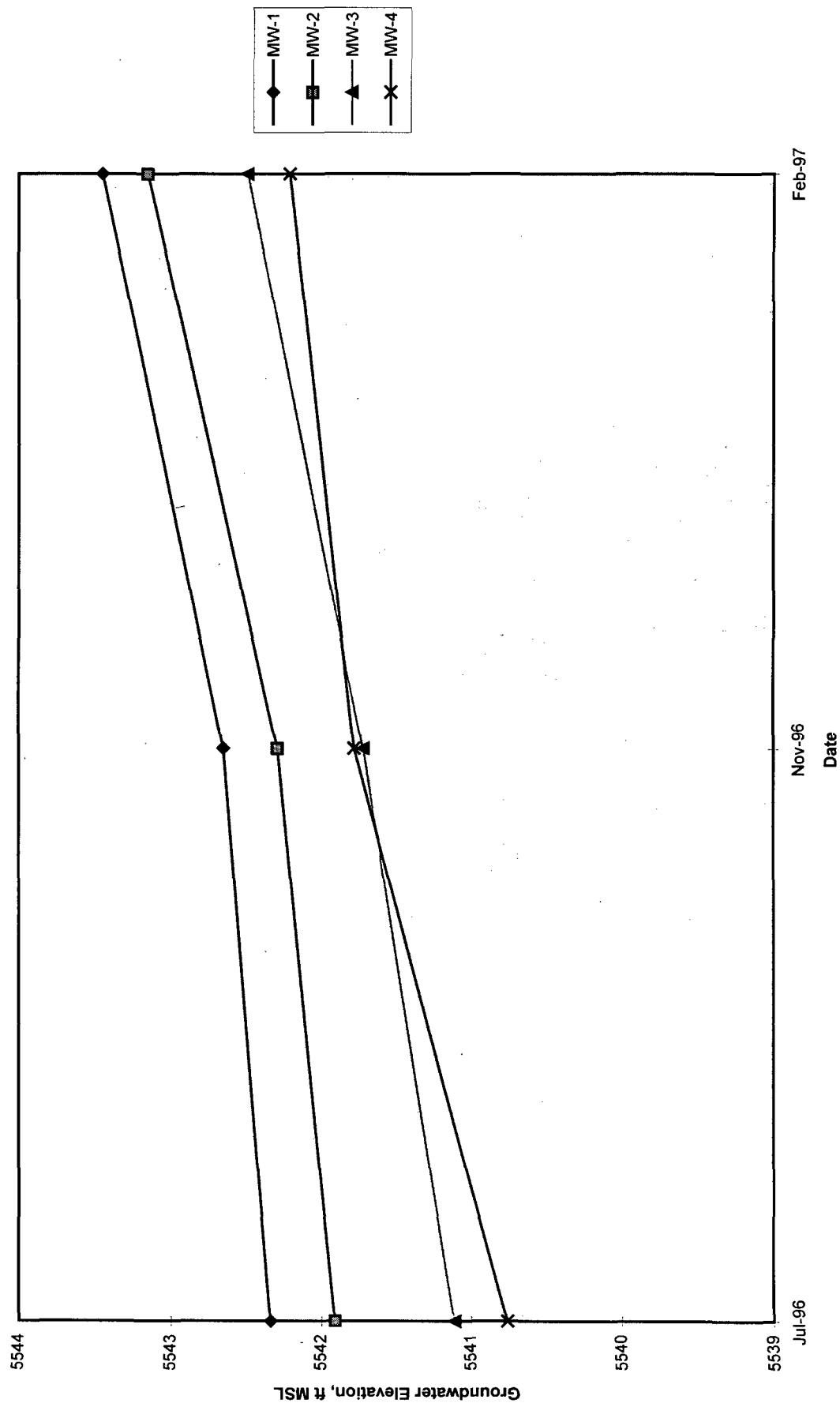


Figure 4. Kaufmann 1 Hydrograph (Water Level vs. Time)



OFF: (505) 325-5667



LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn: *Denver Bearden*
Company: *PNM Gas Services*
Address: *603 W. Elm*
City, State: *Farmington, NM 87401*

Date: *14-Nov-96*
COC No.: *5702*
Sample No.: *12836*
Job No.: *2-1000*

Project Name: *PNM Gas Services - Kaufmann #1*
Project Location: *9611121300; MW-1*
Sampled by: *MG* Date: *12-Nov-96* Time: *13:00*
Analyzed by: *DC* Date: *13-Nov-96*
Sample Matrix: *Water*

Laboratory Analysis

<i>Parameter</i>	<i>Result</i>	<i>Unit of Measure</i>	<i>Detection Limit</i>	<i>Unit of Measure</i>
<i>Benzene</i>	<i><0.2</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>Toluene</i>	<i><0.2</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>Ethylbenzene</i>	<i><0.2</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>m,p-Xylene</i>	<i><0.2</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>o-Xylene</i>	<i><0.2</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>TOTAL</i>	<i><0.2</i>	<i>ug/L</i>		

Method - SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography

Approved by: *[Signature]*
Date: *11/14/96*

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OFF: (505) 325-5667



LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn: *Denver Bearden*
Company: *PNM Gas Services*
Address: *603 W. Elm*
City, State: *Farmington, NM 87401*

Date: *14-Nov-96*
COC No.: *5702*
Sample No.: *12837*
Job No.: *2-1000*

Project Name: *PNM Gas Services - Kaufmann #1*
Project Location: *9611121330; MW-2*
Sampled by: *MG*
Analyzed by: *DC*
Sample Matrix: *Water*

Date: *12-Nov-96* Time: *13:30*
Date: *13-Nov-96*

Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Benzene	2.2	ug/L	0.2	ug/L
Toluene	4.6	ug/L	0.2	ug/L
Ethylbenzene	21.2	ug/L	0.2	ug/L
m,p-Xylene	201.5	ug/L	0.2	ug/L
o-Xylene	26.1	ug/L	0.2	ug/L
TOTAL		255.6	ug/L	

Method - SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography

Approved by: *[Signature]*

Date: *11/14/96*

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- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT

OFF: (505) 325-5667



LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn: *Denver Bearden*
Company: *PNM Gas Services*
Address: *603 W. Elm*
City, State: *Farmington, NM 87401*

Date: *14-Nov-96*
COC No.: *5702*
Sample No.: *12838*
Job No.: *2-1000*

Project Name: *PNM Gas Services - Kaufmann #1*
Project Location: *9611121400; MW-3*
Sampled by: *MG*
Analyzed by: *DC*
Sample Matrix: *Water*

Date: *12-Nov-96* Time: *14:00*
Date: *13-Nov-96*

Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
<i>Benzene</i>	<i><0.2</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>Toluene</i>	<i>0.3</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>Ethylbenzene</i>	<i>0.5</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>m,p-Xylene</i>	<i>1.9</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>o-Xylene</i>	<i>2.5</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
	<i>TOTAL</i>	<i>5.2</i>		<i>ug/L</i>

Method - SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography

Approved by: *[Signature]*
Date: *11/14/96*

OFF: (505) 325-5667



LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn: *Denver Bearden*
Company: *PNM Gas Services*
Address: *603 W. Elm*
City, State: *Farmington, NM 87401*

Date: *14-Nov-96*
COC No.: *5702*
Sample No.: *12839*
Job No.: *2-1000*

Project Name: *PNM Gas Services - Kaufmann #1*

Project Location: *9611121430; MW-4*

Sampled by: *MG*

Date: *12-Nov-96* Time: *14:30*

Analyzed by: *DC*

Date: *13-Nov-96*

Sample Matrix: *Water*

Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Benzene	0.3	ug/L	0.2	ug/L
Toluene	0.3	ug/L	0.2	ug/L
Ethylbenzene	<0.2	ug/L	0.2	ug/L
m,p-Xylene	<0.2	ug/L	0.2	ug/L
o-Xylene	0.3	ug/L	0.2	ug/L
TOTAL		0.9		ug/L

Method - SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography

Approved by: 

Date: *11/14/96*

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- TECHNOLOGY BY BLENDING INDUSTRY WITH THE FARMINGTON AREA

OFF: (505) 325-5667



LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn: *Denver Bearden*
Company: *PNM Gas Services*
Address: *603 W. Elm*
City, State: *Farmington, NM 87401*

Date: *14-Nov-96*
COC No.: *5702*
Sample No.: *12840*
Job No.: *2-1000*

Project Name: *PNM Gas Services - Kaufmann #1*
Project Location: *9611121500; MW-5*
Sampled by: *MG*
Analyzed by: *DC*
Sample Matrix: *Water*

Date: *12-Nov-96* Time: *15:00*
Date: *13-Nov-96*

Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
<i>Benzene</i>	<i>1.6</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>Toluene</i>	<i>3.9</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>Ethylbenzene</i>	<i>8.7</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>m,p-Xylene</i>	<i>160.5</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>o-Xylene</i>	<i>20.8</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>TOTAL</i>	<i>195.5</i>	<i>ug/L</i>		

Method - SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography

Approved by: *DC*
Date: *11/14/96*

OFF: (505) 325-5667



LAB: (505) 325-1556

QUALITY ASSURANCE REPORT
for EPA Method 8020

Date Analyzed: 13-Nov-96

Internal QC No.: 0515-QC

Surrogate QC No.: 0516-QC

Reference Standard QC No.: 0417-QC

Method Blank

Parameter	Result	Unit of Measure
Average Amount of All Analytes In Blank	<0.2	ppb

Calibration Check

Parameter	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
Benzene	ppb	20.0	20.0	0	15%
Toluene	ppb	20.0	20.6	3	15%
Ethylbenzene	ppb	20.0	21.0	5	15%
m,p-Xylene	ppb	40.0	41.3	3	15%
o-Xylene	ppb	20.0	20.9	4	15%

Matrix Spike

Parameter	1 - Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Benzene	99	98	(39-150)	1	20%
Toluene	102	101	(46-148)	1	20%
Ethylbenzene	104	102	(32-160)	1	20%
m,p-Xylene	102	101	(35-145)	1	20%
o-Xylene	102	102	(35-145)	0	20%

Surrogate Recoveries

Laboratory Identification	S1 Percent Recovered	S2 Percent Recovered
Limit Percent Recovered	(70-130)	
12836-5702	98	
12837-5702	95	
12838-5702	96	
12839-5702	98	
12840-5702	95	

S1: Fluorobenzene

A handwritten signature, possibly "PC", enclosed in a circle.



CHAIN OF CUSTODY RECORD

5702

Date: 11-12-96

Page 1 of 1

657 W. Maple • P. O. Box 2606 • Farmington NM 87499
LAB: (505) 325-5667 • FAX: (505) 325-6256

Purchase Order No.:		Job No.	
Name: Denver Bearden		Name: Maureen Gannon	
Company: PNM Gas Services		Company: PNM Gas Services	
Address: 603 W. Elm Street		Mailing Address: Alverado Square, Mail Stop 0408	
City, State, Zip: Farmington, NM 87401		City, State, Zip: Albuquerque, NM 87158	
Telephone No.:		Telephone No.:	
Telefax No.:		Telefax No.:	
Sampling Location:		ANALYSIS REQUESTED	
Sample: Kaufmann #1		07008 1020	
Sampler: Maureen Gannon		LAB ID	
SAMPLE IDENTIFICATION		LAB ID	
DATE		DATE	
TIME		TIME	
MATRIX		PRES.	
H ₂ O		None	
↓		↓	
↓		↓	
H ₂ O		None	
MW-1		12836-5702	
MW-2		12837	
MW-3		12838	
MW-4		12839	
MW-5		12840	
Date/Time		Date/Time	
11/12/96 1615		11/12/96 1615	
Relinquished by: Maureen Gannon		Received by: Da-9	
Relinquished by:		Received by:	
Relinquished by:		Received by:	
Method of Shipment:		Rush	
Authorized by: Maureen Gannon		24-48 Hours	
(Client Signature Must Accompany Request)		10 Working Days	
Date: 11-12-96		Special Instructions:	
		Results to be sent to both parties.	

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn: *Denver Bearden*
Company: *PNM Gas Services*
Address: *603 W. Elm*
City, State: *Farmington, NM 87401*

Date: *25-Feb-97*
COC No.: *5740*
Sample No.: *13721*
Job No.: *2-1000*

Project Name: *PNM Gas Services - Kaufmann 1 Well Site*

Project Location: *9702201230; MW-1*

Sampled by: *MG*

Date: *20-Feb-97* Time: *12:30*

Analyzed by: *DC*

Date: *25-Feb-97*

Sample Matrix: *Liquid*

Laboratory Analysis

<i>Parameter</i>	<i>Result</i>	<i>Unit of Measure</i>	<i>Detection Limit</i>	<i>Unit of Measure</i>
<i>Benzene</i>	<i><0.2</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>Toluene</i>	<i><0.2</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>Ethylbenzene</i>	<i><0.2</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>m,p-Xylene</i>	<i><0.2</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>o-Xylene</i>	<i><0.2</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>TOTAL</i>	<i><0.2</i>	<i>ug/L</i>		

Method - SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography

Approved by: *[Signature]*

Date: *2/25/97*

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn: *Denver Bearden*
Company: *PNM Gas Services*
Address: *603 W. Elm*
City, State: *Farmington, NM 87401*

Date: *25-Feb-97*
COC No.: *5740*
Sample No.: *13722*
Job No.: *2-1000*

Project Name: *PNM Gas Services - Kaufmann 1 Well Site*
Project Location: *9702201300; MW-2*
Sampled by: *MG* Date: *20-Feb-97* Time: *13:00*
Analyzed by: *DC* Date: *25-Feb-97*
Sample Matrix: *Liquid*

Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Benzene	2.7	ug/L	0.2	ug/L
Toluene	10.2	ug/L	0.2	ug/L
Ethylbenzene	1.6	ug/L	0.2	ug/L
m,p-Xylene	313.9	ug/L	0.2	ug/L
o-Xylene	43.9	ug/L	0.2	ug/L
TOTAL		372.3	ug/L	

Method - SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography

Approved by: *DC*

Date: *2/25/97*

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LAB: (505) 325-1556

ANALYTICAL REPORT

Attn: *Denver Bearden*
Company: *PNM Gas Services*
Address: *603 W. Elm*
City, State: *Farmington, NM 87401*

Date: *25-Feb-97*
COC No.: *5740*
Sample No.: *13723*
Job No.: *2-1000*

Project Name: *PNM Gas Services - Kaufmann 1 Well Site*

Project Location: *9702201330; MW-3*

Sampled by: *MG*

Date: *20-Feb-97* Time: *13:30*

Analyzed by: *DC*

Date: *25-Feb-97*

Sample Matrix: *Liquid*

Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
<i>Benzene</i>	<i><0.2</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>Toluene</i>	<i><0.2</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>Ethylbenzene</i>	<i>0.9</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>m,p-Xylene</i>	<i><0.2</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>o-Xylene</i>	<i>0.6</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
	<i>TOTAL</i>	<i>1.6</i>		<i>ug/L</i>

Method - SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography

Approved by: *DC*

Date: *2/25/97*

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- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn: *Denver Bearden*
Company: *PNM Gas Services*
Address: *603 W. Elm*
City, State: *Farmington, NM 87401*

Date: *25-Feb-97*
COC No.: *5740*
Sample No.: *13724*
Job No.: *2-1000*

Project Name: *PNM Gas Services - Kaufmann 1 Well Site*

Project Location: *9702201400; MW-4*

Sampled by: *MG*

Date: *20-Feb-97* Time: *14:00*

Analyzed by: *DC*

Date: *25-Feb-97*

Sample Matrix: *Liquid*

Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
<i>Benzene</i>	<i><0.2</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>Toluene</i>	<i><0.2</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>Ethylbenzene</i>	<i><0.2</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>m,p-Xylene</i>	<i><0.2</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>o-Xylene</i>	<i><0.2</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>TOTAL</i>	<i><0.2</i>	<i>ug/L</i>		

Method - *SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by: *DAG*

Date: *2/25/97*

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn: *Denver Bearden*
Company: *PNM Gas Services*
Address: *603 W. Elm*
City, State: *Farmington, NM 87401*

Date: *25-Feb-97*
COC No.: *5740*
Sample No.: *13725*
Job No.: *2-1000*

Project Name: *PNM Gas Services - Kaufmann 1 Well Site*
Project Location: *9702201415; MW-5*
Sampled by: *MG* Date: *20-Feb-97* Time: *14:15*
Analyzed by: *DC* Date: *25-Feb-97*
Sample Matrix: *Liquid*

Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
<i>Benzene</i>	<i><0.2</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>Toluene</i>	<i><0.2</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>Ethylbenzene</i>	<i>0.9</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>m,p-Xylene</i>	<i><0.2</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>o-Xylene</i>	<i>0.4</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
	<i>TOTAL</i>	<i>1.3</i>		<i>ug/L</i>

Method - SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography

Approved by: *[Signature]*
Date: *2/25/97*

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-5667



LAB: (505) 325-1556

QUALITY ASSURANCE REPORT

for EPA Method 8020

Date Analyzed: 25-Feb-97

Internal QC No.: 0527-STD
 Surrogate QC No.: 0528-STD
 Reference Standard QC No.: 0417-QC

Method Blank

Parameter	Result	Unit of Measure
Average Amount of All Analytes In Blank	<0.2	ppb

Calibration Check

Parameter	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
Benzene	ppb	20.0	18.8	6	15%
Toluene	ppb	20.0	19.6	2	15%
Ethylbenzene	ppb	20.0	20.0	0	15%
m,p-Xylene	ppb	40.0	38.6	4	15%
o-Xylene	ppb	20.0	19.8	1	15%

Matrix Spike

Parameter	1 - Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Benzene	94	94	(39-150)	0	20%
Toluene	99	98	(46-148)	0	20%
Ethylbenzene	101	100	(32-160)	0	20%
m,p-Xylene	97	97	(35-145)	0	20%
o-Xylene	99	99	(35-145)	0	20%

Surrogate Recoveries

Laboratory Identification	S1 Percent Recovered	S2 Percent Recovered	Laboratory Identification	S1 Percent Recovered	S2 Percent Recovered
Limit Percent Recovered	(70-130)		Limit Percent Recovered	(70-130)	
13721-5740	95				
13722-5740	94				
13723-5740	95				
13724-5740	96				
13725-5740	95				

S1: Fluorobenzene

A handwritten signature or initials, possibly "DC", enclosed in a circle.

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- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

