3R - <u>345</u>

GENERAL CORRESPONDENCE

YEAR(S): 1997 Public Service Company of New Mexico Alvarado Square MS 0408 Albuquerque, NM 87158

June 3, 1997

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

RECEIVED

JUN 1 0 1997

PNM

Environmental Bureau Oil Conservation Division

RE: NOTIFICATION OF GROUNDWATER CONTAMINATION AT THE TURNER 3 WELL SITE

Dear Bill:

Pursuant to New Mexico Water Quality Control Commission (WQCC) Regulations, section 1-203, PNM hereby provides written notification of groundwater contamination at the Turner 3 well site, located in section 24, township 31 North, range 11 West, unit letter F. A topographic map showing the location of the site is provided as an attachment. The operator is Burlington Resources. This letter follows verbal notification provided to you on Tuesday, June 3, 1997 (M. Gannon, PNM to B. Olson, OCD).

On May 20, 1997, PNM technicians encountered groundwater at the Turner 3 at approximately 18 feet below ground surface while excavating the former pit. A groundwater sample was collected and delivered to OnSite Technologies, Farmington, New Mexico for BTEX analysis using EPA method 8020. A hardcopy of the laboratory report is attached. A summary of the analytical results is provided below:

Component	Units	WQCC Stds.	Groundwater Sample
Benzene	ppb	10	79
Toluene	ppb	750	61
Ethylbenzene	ppb	750	295
Xylenes	ppb	620	2390
Total BTEX	ppb		2825

Bold type indicates a WQCC exceedance.

This letter serves as written notification of groundwater contamination at the Turner 3 well site. PNM will conduct future activities at the site pursuant to PNM's Groundwater Management Plan. If you have any questions, please call me at (505) 241-2974. Thank you.

Sincerely, PNM Mauri

Maureen Gannon Project Manager

s/gaspits/turn301.doc

Attachment

cc: Colin Adams, PNM Denver Bearden, PNMGS Craig Bock, Burlington Resources Denny Foust, OCD-Aztec Office Robin Prisk, WFS Toni Ristau, PNM OFF: (505) 325-5667

TWINER 3 324 TBIN RIIW "F" RWINGTON Dipth 18' LAB: (505) 325-1556

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ANALYTICAL REPORT

Attn:	Denver Beard	len		Date:	28-May-97
Company:	PNM Gas Ser	vices		COC No.:	5883
Address:	603 W. Elm			Sample No.:	14655
City, State:	Farmington, I	VM 87401		Job No.:	2-1000
Project Nam		PNM Gas Servic			
Project Loca	tion: 9	705200800;	18' depth		
Sampled by:	G	iC	Date:	20-May-97 Time:	8:00
Analyzed by	: D	C	Date:	27-May-97	
Sample Mati	rix: L	iquid			

TECHNOLOGIES, LTD.

Parameter		Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measu re
Benzene		79	ug/L	2	ug/L
Toluene		61	ug/L	2	og/L
Ethylbenzene		295	ug/L	2	ug/L
m,p-Xylene		2331	ug/L	20	ug/L
o-Xylene		59	ug/L	2	ug/L
	TOTAL	2825	ug/L		

ND - Not Detected at Limit of Quantitation

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

Approved By: 5-28/97 Date:

P.O. BOX 2606 • FARMINGTON, NM 87499 - Technology Blending Industry with the Environment -



LAB: (505) 325-1556

QUALITY ASSURANCE REPORT

for EPA Method 8020

Date Analyzed: 27-May-97

OFF: (505) 325-5667

Internal QC No.: 0527-STD Surrogate QC No.: 0528-STD Reference Standard QC No.: 0529/30-QC

Method Blank

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

Calibration Check

	Unit of	True	Analyzed		
Parameter	Measure	Value	Value	% Diff	Limit
Benzene	ppb	20.0	18.4	8	15%
Toluene	ppb	20.0	18.8	6	15%
Ethylbenzene	ppb	20.0	19.3	4	15%
m,p-Xylene	ppb	40.0	37.0	8	15%
o-Xylene	ppb	20.0	19.1	4	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Benzene	89	86	(39-150)	2	20%
Toluene	95	92	(46-148)	2	20%
Ethylbenzene	95	92	(32-160)	2	20%
m,p-Xylene	90	86	(35-145)	2	20%
o-Xylene	94	92	(35-145)	2	20%

Surrogate Recoveries

	S1	S2		S1	S2
	Percent	Percent		Perc ent	Percent
Laboratory Identification	Recovered	Recovered	Laboratory Identification	Recovered	Recovered
Limit Percent Recovered	(70-130)		Limit Percent Recovered	(70-130)	
14655-5883	95				
	1				
<u></u>					(m)
					5/28/97

S1: Flourobenzene

P.O. BOX 2606 • FARMINGTON, NM 87499

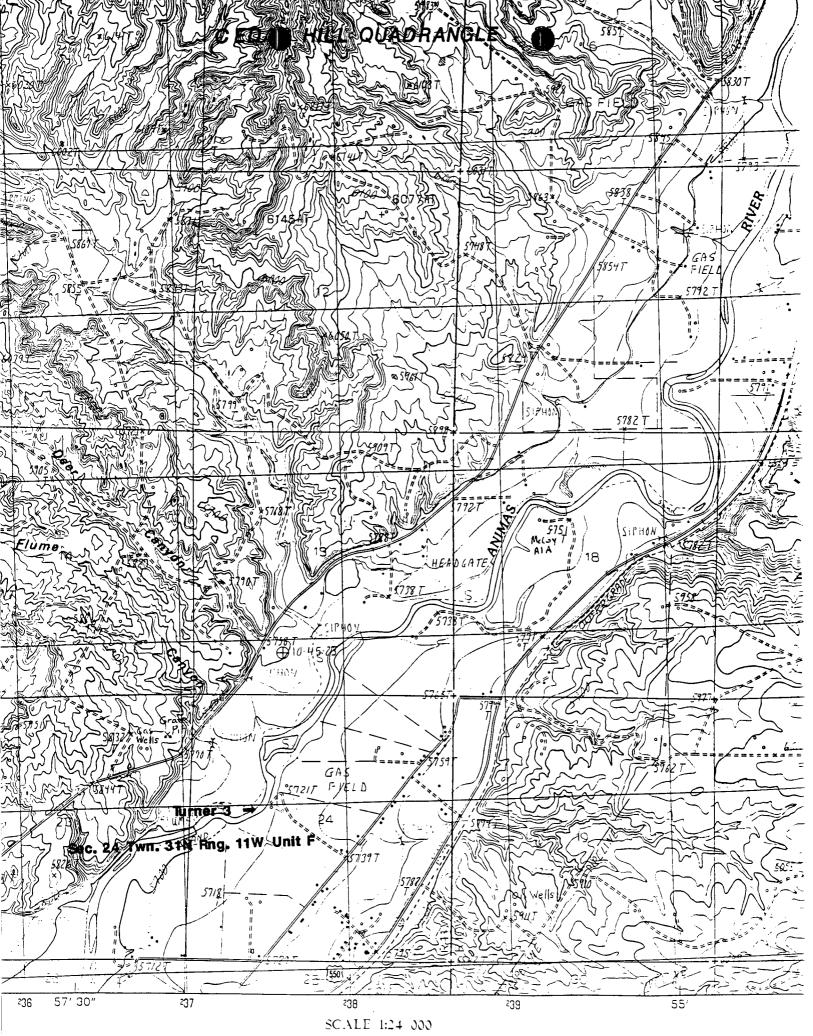
- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

		CHAIN	OF CUSTODY		RECORD	RD			5883
	ON SITE		Date.	5	20/9:	~		Page	,
TECHNOLOGIES, LTD.		657 W. Maple • P. O. Box 2606 • Farmington NM 87499 LAB: (505) 325-5667 • FAX: (505) 325-6256	Date nington NM 87499 05) 325-6256			l			5
Purchase Order No.:		Job No.		(Name	Maureen Gannon	not	Title	
Name	Denver Bearden			TF DT 8	Company	PNM Gas Services	rices	_	
	PNM Gas Services	Dept.	. 324-3763		Mailing Address	Alverado Square, Mail Stop 0408	are, Mail Sto	p 0408	
SEI Address	603 W. Elm Street			ารэ зย	City, State, Zip	Albuquerque, NM 87158	NM 87158		
	City, State, Zip Farmington, NM 87401			8	Telephone No.	505-848-2974		Telefax No.	
Sampling Location:	Turner #3	18' dent.	>			ANALY	ANALYSIS REQUESTED	ESTED	
Sampler:	GAN Coll			Numbe Numbe	208.1				
	DENTI	SAMPLE DATE TIME	ME MATRIX PRES.	1.	618				LABID
8	970510081	2	- Brie 14-1 #11						11150-5000
Relincuished hv	Han Car	Clack and Dated inc			Bonoitord Purchase	2			VION TANK
Relinquished by:	Com Land		z)	Recei	Received by:			Date/Time	
Relinquished by:		Date/Time	me	Recei	Received by:			Date/Time	
Method of Shipment:		1		Rush	-	24-48 Hours 10 V	10 Working Days	Special Instructions:	:Su
Authorized by:	Client Signature Must Accompany Request)	Ny Request) Date	5/20/97			\times		Results to be s to both parties.	Results to be sent to both parties.
	2	Distribution: White – On Site	h Site Yellow – LAB	Pink – Sampler	ampler Goldenrod – Client	d - Client			:

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State of New Mexico ENERGY, MINERALS and NATURAL RES Santa Fe, New Mexico 8	OURCES DEPARTMENT					
CONSTRUCTION MEMORANDUM OF MEETING OR CO	NVERSATION					
Telephone Personal Time 1550	Date 6/3/97					
Originating Party	Other Parties					
Manreen Gannon - PNM Bill	Olson - Environmental Burcan (Voice mail)					
Subject Motice at Ground Water Contamination						
Discoveral Grand water contemplation at following sites						
$-\frac{1}{10000000000000000000000000000000000$	RIIW BTEX = 2800 pab					
- McCoy Gas Com A#1 with the lease 18 DTW = 15' Benzene = 87 Conclusions or Agreements	F T3IN RIOW					
Distribution Files Denny Fonst - OCD Aztar	BUU USan					