

3R - 338

**GENERAL
CORRESPONDENCE**

YEAR(S):

2000-1999

Olson, William

From: m. harvey [SMTP:markh@ditell.com]
Sent: Tuesday, September 05, 2000 1:46 PM
To: Olson, William
Subject: Annual Groundwater Report (PNM)

As a follow-up to our telephone conversation last week, this serves to acknowledge the extension of time that NMOCD has granted Williams in order to submit the annual groundwater report for former PNM sites.

It is agreed that the report will be submitted by September 15, 2000 and include data from PNM efforts during 1999 and 2000. Williams appreciates the time extension and NMOCD's understanding of the complications associated with inheriting a project of this magnitude.

After submitting the report and allowing review time, Williams intends to schedule a meeting with you to discuss its' plan to effect mitigation of groundwater impacts. Your feedback will be helpful in finalizing a program strategy.

Thank you for your consideration.

Olson, William

From: Deklau, Ingrid [SMTP:Ingrid.Deklau@Williams.com]
Sent: Friday, July 07, 2000 1:35 PM
To: Olson, William
Cc: 'mark'; 'mgannon@pnm.com'
Subject: Groundwater Report Extension

Per our discussion today, this note is to confirm extension of the Annual Groundwater Report submittal from July 15, 2000 to August 31, 2000.

On March 4, 2000, Maureen Gannon of PNM emailed you and requested the April 1, 2000 deadline for the report submittal be postponed to July 15, 2000 so that PNM could incorporate all information gathered through June 30, 2000 into the report. Since then, PNM and Williams have entered into a Settlement Agreement transferring certain responsibilities to Williams. The responsibility of the preparation of this report is currently under discussion between PNM and Williams. Regardless of the responsibility, it is clear to me that this report will not be ready by the July 15, 2000 deadline.

Thank you for your assistance in this matter.

Ingrid Deklau

307-872-2880

Olson, William
From: Olson, William
Sent: Monday, March 06, 2000 8:13 AM
To: 'Gannon, Maureen'
Subject: RE: Request for Extension on Annual Groundwater Report

The below requested extension is approved.

From: Gannon, Maureen [[SMTP:MGannon@pnm.com](mailto:MGannon@pnm.com)]
Sent: Saturday, March 04, 2000 3:31 PM
To: Olson, William
Cc: Sikelianos, Mark; 'Ingrid Deklau'; Johnson, Ronald
Subject: Request for Extension on Annual Groundwater Report

As a follow-up to our phone conversation on Thursday, March 2, 2000, PNM herein requests an extension of the date for submittal of our San Juan Basin Annual Groundwater Report. The report is normally due on April 1st of each year. However, since PNM's environmental obligations associated with the purchase and sale of our former gas assets in the San Juan Basin will terminate on June 30, 2000 (with the exception of retained liabilities), we would like to file our annual report by July 15, 2000 so that the data and information contained in the annual report is current through the June 30th date.

Please let me know if this extension is acceptable to you. You may email me or call me at (505) 241-2974. Thank you for your time and consideration of this matter.

Maureen Gannon
Environmental Services
241-2974

Public Service Company
of New Mexico
Alvarado Square MS 0408
Albuquerque, NM 87158

RECEIVED

April 5, 1999

APR 07 1999

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

ENVIRONMENTAL BUREAU
OIL CONSERVATION DIVISION



RE: 1999 SAN JUAN BASIN ANNUAL GROUNDWATER REPORT

Dear Bill:

PNM is pleased to submit the 1999 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.

Blanco Wash Drip	Mangum 1E
Davis 1	McClanahan 22
Dogie East Pit	McClanahan A 2E
Dogie North Pit	McCoy Gas Com A1
Florance 124	Miles Federal 1E Drip
Florance 32A	O' Shea 1M
Florance 40	Patterson A Com A1
Florance 44	Pritchard 2
Florance M 47X	Randleman 1
Hampton 4M	Reid 16 Drip
Honolulu Drip	Turner 1A
Ice Canyon Drip	Wilmerding 1M
Jacques 2A	Zachry 18E
Jicarilla Contract 147-6	
Linda 1A	

Consistent with PNM's San Juan Basin Groundwater Management Plan, PNM will request closure of four of the above sites, the Florance 32A, Jacques 2A, Mangum 1E and the McClanahan A2E, with the submittal of the 1st Quarter 1999 Pit Closures Report. This request is based upon the analytical data collected over the last two years at each of the sites. BTEX concentrations have been consistently below WQCC standards for four consecutive quarters.

Upon approval of the groundwater closure report, PNM will plug and abandon all of the groundwater monitoring wells at each of the locations. The concrete pad and metal vault surrounding each well will be removed. The well casing will be cut to ground surface and each well will be plugged to the surface

Bill Olson
04/05/99
Page 2

with cement containing 5% bentonite. If you have any questions regarding the contents of the report, please contact me at (505) 241-2974.

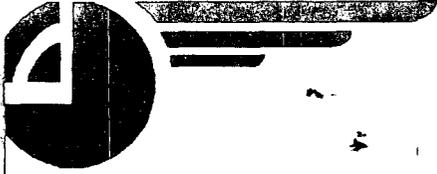
Sincerely,

A handwritten signature in cursive script that reads "Maureen Gannon". The signature is written in black ink and is positioned above the typed name.

Maureen Gannon
Project Manager

Enclosure

cc: Colin Adams, Esq.
Ingrid Deklau, WFS
Denny Foust, OCD-Aztec Office
Ron Johnson
Mark Sikelianos
Bill VonDrehle, WFS



RECEIVED

APR 07 1999

ENVIRONMENTAL BUREAU
OIL CONSERVATION DIVISION

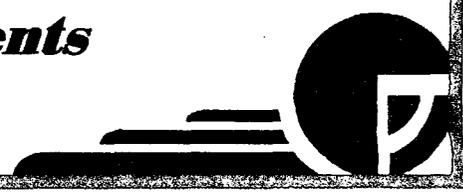
Annual

Groundwater Report

1999

Volume II

*Unlined Surface Impoundments
San Juan Basin*



Groundwater Site Summary Report

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

Quarter/Year: 2nd/98, 3rd/98, 4th/98 & 1st/99

Operator: Burlington Resources
Sec: 2 Twn: 31N R: 12W Unit: G
Canyon: Farmington Glade

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

Topo Map: previously submitted
Well Completion Diagram: NA (not applicable at this time)
Site Map with Analytical Results: NA
Groundwater Contour Map: NA
Hydrograph: NA
Full-suite of Groundwater Sampling Results: NA
Analytical Results: NA

Site Hydrology:

The Patterson A Com A1 site lies in a wash known as Farmington Glade, which is a southwest-draining area about six miles south of the Colorado border. The site lies on the western side of the valley floor at an elevation of about 6265 ft. amsl. It is only about one mile from the Davis 1 site, which is included in this Groundwater Report.

A vertical extent borehole was drilled beneath the excavation pit in February, 1999. Subsurface materials are composed of silty sand to a depth of 40 feet. At forty feet, a very hard light brown sandstone was encountered, which resulted in auger refusal. A similar sandstone was found at 44 feet in the Patterson A Com #1E site, located nearby. Groundwater was found to occur at a depth of about 75 feet.

Until monitor wells are installed, groundwater flow direction cannot be ascertained. However, it is expected to be generally southward, parallel to surface topography and the direction of streamflow in the Farmington Glade wash.

Activities for Previous Year:

On March 12, 1999, PNM provided written notification to the OCD regarding groundwater contamination at the Patterson A Com 1A. Since that time, no further activity has taken place.

Results:

NA

Future Actions:

PNM will conduct future activities at the Patterson A Com 1A pursuant to the Groundwater Management Plan.

Public Service Company of New Mexico - Gas Services

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

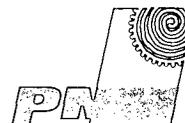
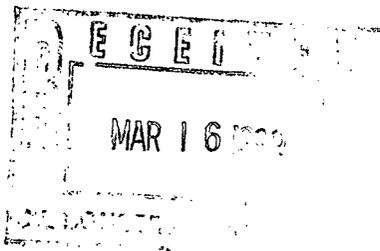
Contact: Maureen Gannon

Telephone: 505-241-2974

Public Service Company
of New Mexico
Alvarado Square MS 0408
Albuquerque, NM 87158

March 12, 1999

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



RE: NOTIFICATION OF GROUNDWATER CONTAMINATION- PATTERSON A COM #1A

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 Patterson A Com #1A, located in S2 T31N R12W, unit letter "G". Figure 1 is a topographic map showing the location of the site. The operator is Burlington Resources. This letter follows e-mail notification provided to you on Tuesday, March 2, 1999 (M. Gannon, PNM to B. Olson, OCD).

On February 18, 1999, a PNM environmental technician discovered groundwater at 75 feet below ground surface during vertical extent determination. A groundwater sample was collected and delivered to OnSite Technologies, Farmington, New Mexico. A hardcopy of the analytical results is attached and a summary of the BTEX constituent concentrations is provided below:

Component	Units	WQCC Stds.	Groundwater Sample
Benzene	ppb	10	7100
Toluene	ppb	750	17000
Ethylbenzene	ppb	750	510
Xylenes	ppb	620	5300
Total BTEX	ppb		29910

Bold type indicates a WQCC exceedance.

This letter serves as written notification of groundwater impact at the Patterson A Com #1A. 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 Environmental Services

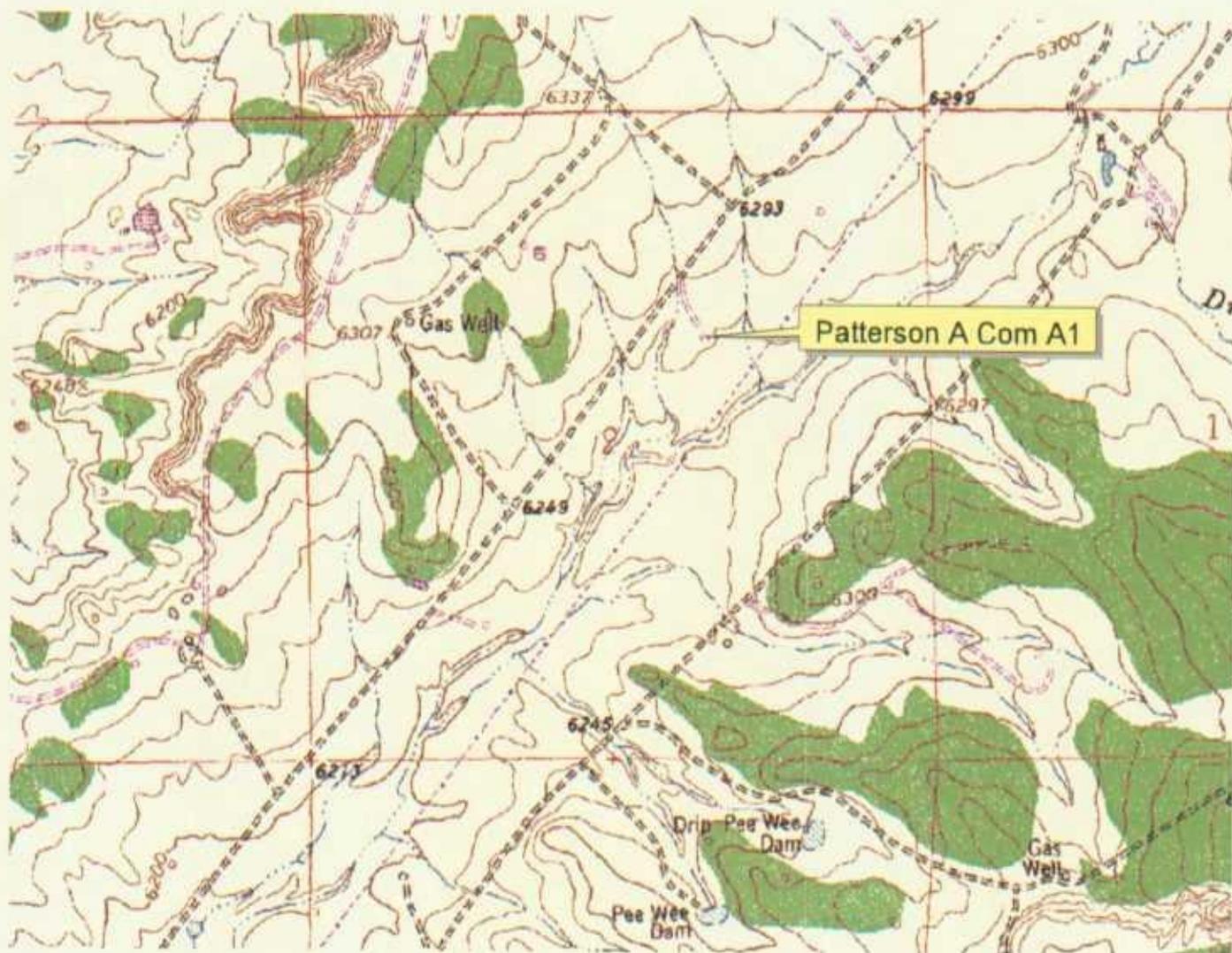

Maureen Gannon
Project Manager

Attachment

cc: Colin Adams, PNM
Ingrid Deklau, WFS
Denny Foust, OCD-Aztec Office
Ed Hasely, Burlington Resources
Kathy Juckes, PNM Farmington File
Mark Sikelianos, PNM
Bill von Drehle, WFS



Figure 1
Patterson A Com A1
Twn. 31N Rng. 12W Sec. 2 Unit G



Adobe Downs Ranch, N. Mex.-Colo. Quadrangle

0 1000 2000 3000 4000 5000 6000 Feet



OFF: (505) 325-5667



Verbal/Email 03/02/99
32 T31N R12W "G"
Gnd Depth 75'
Burlington
B 7100
BTEX 29910
LAB: (505) 325-1556

February 23, 1999

RECEIVED
MAR 02 1999

Maureen Gannon
PNM - Public Service Company of NM
Alvarado Square Mail Stop 0408
Albuquerque, NM 87158
TEL: (505) 241-2974
FAX (505) 241-2340

RE: Patterson A Comp #1A

Order No.: 9902079

Dear Maureen Gannon,

On Site Technologies, LTD. received 1 sample on 2/18/99 for the analyses presented in the following report.

The Samples were analyzed for the following tests:
BTEX (SW8021B)

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to read "David Cox".

David Cox

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 23-Feb-99

CLIENT: PNM - Public Service Company of NM
Project: Patterson A Comp #1A
Lab Order: 9902079

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives.

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 23-Feb-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Patterson A Comp # 1A
Work Order:	9902079	Client Sample ID:	9902181113; MW
Lab ID:	9902079-01A	Matrix:	AQUEOUS
Project:	Patterson A Comp #1A	Collection Date:	2/28/99 11:13:00 AM
		COC Record:	7369

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
BTEX		SW8021B				Analyst: HR
Benzene	7100	25		µg/L	50	2/18/99
Toluene	17000	50		µg/L	100	2/18/99
Ethylbenzene	510	25		µg/L	50	2/18/99
m,p-Xylene	4300	50		µg/L	50	2/18/99
o-Xylene	1000	25		µg/L	50	2/18/99
	29,110					

Qualifiers:

PQL - Practical Quantitation Limit	S - Spike Recovery outside accepted recovery limits
ND - Not Detected at Practical Quantitation Limit	R - RPD outside accepted recovery limits
J - Analyte detected below Practical Quantitation Limit	E - Value above quantitation range
B - Analyte detected in the associated Method Blank	Surr: - Surrogate



CHAIN OF CUSTODY RECORD

7369

Page: 1 of 1

Date: 2-18-99

612 E. Murphy Dr. • P.O. Box 2606 • Farmington, NM 87499
 LAB: (505) 325-5667 • FAX: (505) 325-6256

Purchase Order No.:		Job No.	
Name: Denver Bearden		Title: 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.: 505-848-2974	
Teletax No.:		Teletax No.:	
SEND INVOICE TO ANALYSIS REQUESTED Containers REPORT RESULTS TO			
Sampling Location: RB SEE PATTERSON A Comp # 1A Sampler: Roy Burnham		ANALYSIS REQUESTED B16x 6020 LAB ID: 990218-01R	
SAMPLE IDENTIFICATION 990218113 MW		Number of Containers: 2	
SAMPLE DATE: 2/18/99 SAMPLE TIME: 1113 MATRIX PRES.: H ₂ O HA 2			
Relinquished by: Roy Burnham Date/Time: 2/18/99 1210		Received by: Heidi Rees Date/Time: 2/18/99 1310	
Relinquished by:		Received by:	
Relinquished by:		Received by:	
Method of Shipment:		Rush	
Authorized by: Roy Burnham (Client Signature Must Accompany Request)		24-48 Hours 10 Working Days Special Instructions: Results to be sent to both parties.	

Olson, William

From: Gannon, Maureen[SMTP:MGannon@mail.pnm.com]
Sent: Tuesday, March 02, 1999 2:31 PM
To: Olson, William
Cc: Sikelianos, Mark; Johnson, Ronald; Foust, Denny; Bill Von Drehle; Ingrid Deklau
Subject: New Groundwater Site Notification

Please be advised that PNM has discovered a new contaminated groundwater site during vertical extent drilling.

Site name: Patterson A Comp #1A
Location: S2 T31N R12W Unit "G"
Operator: Burlington Resources
Depth to GW: 75'
Contaminant Concentration: benzene 7,100 ppb; BTEX 29,910 ppb

A written notification shall be made to OCD within 15 days with a hardcopy of the analytical results. In the meantime, if you have any questions, please call me at (505) 241-2974.