

3R - 308

**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.

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]
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.

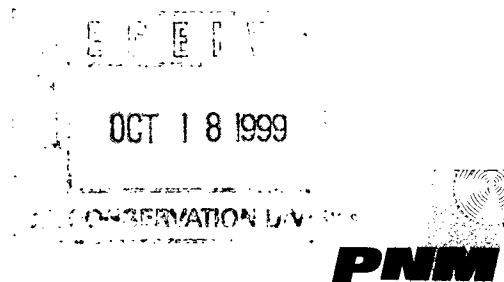
Please let me know if this extension is acceptable to you. You may email me or call me at (505) 241-2974. Thank you for your time and consideration of this matter.

Maureen Gannon
Environmental Services
241-2974

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

October 12, 1999

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



RE: NOTIFICATION OF GROUNDWATER CONTAMINATION AT THE CHAMBERLAIN #1 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 Chamberlain #1 well site, located in section 14, township 32 North, range 12 West, unit letter "F." A topographic map showing the location of the site is provided as an attachment. The operator at the site is Burlington Resources. This letter follows e-mail notification provided to you on Thursday, September 30, 1999 (M. Gannon, PNM to B. Olson, OCD).

On September 15, 1999, PNM field personnel collected a groundwater sample at 55 feet below ground surface during vertical extent drilling. The sample was delivered to OnSite Technologies, Ltd., in Farmington, New Mexico, for laboratory analysis of BTEX using EPA method 8020. A hardcopy of the analytical results is attached, and the analytical results are summarized below:

<i>Component</i>	<i>Units</i>	<i>WQCC Stds.</i>	<i>Borehole Water Sample at 55' bgs</i>
Benzene	ppb	10	1600
Toluene	ppb	750	7300
Ethylbenzene	ppb	750	550
Xylenes	ppb	620	5500
Total BTEX	ppb		15050

Boldtype indicates a WQCC exceedance.

This letter serves as written notification of groundwater impact at the Chamberlain #1. 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

A handwritten signature in black ink, appearing to read "Maureen Gannon".

Maureen Gannon
Project Manager

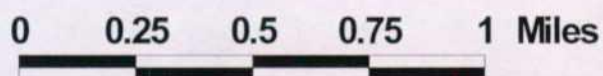
Attachments

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

Figure 1. Chamberlain 1
Sec. 14 Twn. 32N Rng. 12W Unit H



ADOBE DOWNS RANCH, N MEX-COLO



OFF: (505) 325-5667



LAB: (505) 325-1556

September 24, 1999

RECEIVED
SEP 30 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: Chamberlain #1

Order No.: 9909056

Dear Maureen Gannon,

On Site Technologies, LTD. received 1 sample on 09/15/1999 for the analyses presented in the following report.

The Samples were analyzed for the following tests:
Aromatic Volatiles by GC/PID (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 dark ink, appearing to read "David Cox", written over a horizontal line.

David Cox

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 24-Sep-99

CLIENT: PNM - Public Service Company of NM
Project: Chamberlain #1
Lab Order: 9909056

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: 24-Sep-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Chamberlain #1
Work Order:	9909056	Client Sample ID:	9909151320
Lab ID:	9909056-01A	Matrix:	AQUEOUS
Project:	Chamberlain #1	Collection Date:	09/15/1999 1:20:00 PM
		COC Record:	7760

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
AROMATIC VOLATILES BY GC/PID		SW8021B		Analyst: HR		
Benzene	1600	25		µg/L	50	09/22/1999
Toluene	7300	25		µg/L	50	09/22/1999
Ethylbenzene	550	25		µg/L	50	09/22/1999
m,p-Xylene	4500	50		µg/L	50	09/22/1999
o-Xylene	1100	25		µg/L	50	09/22/1999

15.1 ppm

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

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

1 of 1

On Site Technologies, LTD.

Date: 24-Sep-99

CLIENT: PNM - Public Service Company of NM
Work Order: 9909056
Project: Chamberlain #1

QC SUMMARY REPORT

Method Blank

Sample ID: MB1	Batch ID: GC-1_990922	Test Code: SW8021B	Units: µg/L	Analysis Date: 09/22/1999	Prep Date:
Client ID:	9909056	Run ID: GC-1_990922A		SeqNo: 19829	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Benzene	.0573	0.5			J
Ethylbenzene	.0618	0.5			J
m,p-Xylene	.1319	1			J
Methyl tert-Butyl Ether	ND	1			J
o-Xylene	.0448	0.5			J
Toluene	.3785	0.5			J

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

On Site Technologies, LTD.

Date: 24-Sep-99

CLIENT: PNM - Public Service Company of NM
 Work Order: 9909056
 Project: Chamberlain #1

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID: 9909064-05AMS		Batch ID: GC-1_990922	Test Code: SW8021B	Units: µg/L	Analysis Date 09/22/1999		Prep Date:
Client ID: 9909056		Run ID: GC-1_990922A	PQL	SPK value	SPK Ref Val	%REC	SeqNo: 19830
Analyte	Result						
Benzene	7092		25	2000	4873	110.9%	80
Ethylbenzene	2572		25	2000	524.5	102.4%	80
m,p-Xylene	8491		50	4000	4560	98.3%	77
Methyl tert-Butyl Ether	2146		50	2000	0	107.3%	62
o-Xylene	2756		25	2000	703.6	102.6%	83
Toluene	2675		25	2000	569.6	105.3%	80

Sample ID: 9909064-05AMS		Batch ID: GC-1_990922	Test Code: SW8021B	Units: µg/L	Analysis Date 09/22/1999		Prep Date:
Client ID: 9909056		Run ID: GC-1_990922A	PQL	SPK value	SPK Ref Val	%REC	SeqNo: 19831
Analyte	Result						
Benzene	6909		25	2000	4873	101.8%	80
Ethylbenzene	2505		25	2000	524.5	99.0%	80
m,p-Xylene	8274		50	4000	4560	92.9%	77
Methyl tert-Butyl Ether	2134		50	2000	0	106.7%	62
o-Xylene	2694		25	2000	703.6	99.5%	83
Toluene	2566		25	2000	569.6	99.8%	80

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

On Site Technologies, LTD.

Date: 24-Sep-99

CLIENT: PNM - Public Service Company of NM
Work Order: 9909056
Project: Chamberlain #1

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID: LCS WATER		Batch ID: GC-1_990922	Test Code: SW8021B	Units: µg/L	Analysis Date 09/22/1999			Prep Date:			
Client ID:		9909056	Run ID: GC-1_990922A		SeqNo: 19828						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	39.62	0.5	40	0.0573	98.9%	87	119				
Ethylbenzene	40.03	0.5	40	0.0618	99.9%	89	117				
m,p-Xylene	74.94	1	80	0.1319	93.5%	88	114				
Methyl tert-Butyl Ether	40.06	1	40	0	100.2%	69	129				
o-Xylene	39.82	0.5	40	0.0448	99.4%	90	116				
Toluene	40.04	0.5	40	0.3785	99.1%	90	115				

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

On Site Technologies, LTD.

Date: 24-Sep-99

CLIENT: PNM - Public Service Company of NM
Work Order: 9909056
Project: Chamberlain #1

QC SUMMARY REPORT

Continuing Calibration Verification Standard

Sample ID: CCV1 BTEX_9906		Batch ID: GC-1_990922	Test Code: SW8021B	Units: µg/L	Analysis Date 09/22/1999				Prep Date:		
Client ID:		9909056	Run ID:	GC-1_990922A			SeqNo:	19825			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	20.47	0.5	20	0	102.4%	85	115				
Ethylbenzene	21.01	0.5	20	0	105.1%	85	115				
m,p-Xylene	39.51	1	40	0	98.8%	85	115				
Methyl tert-Butyl Ether	20.94	1	20	0	104.7%	85	115				
o-Xylene	20.9	0.5	20	0	104.5%	85	115				
Toluene	20.87	0.5	20	0	104.3%	85	115				
1,4-Difluorobenzene	94.7	0	100	0	94.7%	80	120				
4-Bromochlorobenzene	92.68	0	100	0	92.7%	80	120				
Fluorobenzene	93.83	0	100	0	93.8%	80	120				

Sample ID: CCV2 BTEX_9906		Batch ID: GC-1_990922	Test Code: SW8021B	Units: µg/L	Analysis Date 09/22/1999				Prep Date:		
Client ID: 9909056		Run ID: GC-1_990922A				SeqNo: 19826					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	19.97	0.5	20	0	99.9%	85	115				
Ethylbenzene	20.3	0.5	20	0	101.5%	85	115				
m,p-Xylene	38.06	1	40	0	95.2%	85	115				
Methyl tert-Butyl Ether	20.87	1	20	0	104.4%	85	115				
o-Xylene	20.31	0.5	20	0	101.5%	85	115				
Toluene	20.21	0.5	20	0	101.1%	85	115				
1,4-Difluorobenzene	94.51	0	100	0	94.5%	80	120				
4-Bromochlorobenzene	93.77	0	100	0	93.8%	80	120				
Fluorobenzene	93.65	0	100	0	93.7%	80	120				

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: PNM - Public Service Company of NM
Work Order: 9909056
Project: Chamberlain #1

QC SUMMARY REPORT

Continuing Calibration Verification Standard

Sample ID: CCV3 BTEX_9906		Batch ID: GC-1_990922	Test Code: SW8021B		Units: µg/L		Analysis Date 09/22/1999		Prep Date:		
Client ID:		9909056	Run ID:	GC-1_990922A			SeqNo: 19827				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	21.22	0.5	20	0	106.1%	85	115				
Ethylbenzene	21.27	0.5	20	0	106.3%	85	115				
m,p-Xylene	39.8	1	40	0	99.5%	85	115				
Methyl tert-Butyl Ether	21.73	1	20	0	108.7%	85	115				
o-Xylene	21.23	0.5	20	0	106.1%	85	115				
Toluene	21.37	0.5	20	0	106.8%	85	115				
1,4-Difluorobenzene	94.6	0	100	0	94.6%	80	120				
4-Bromochlorobenzene	93.5	0	100	0	93.5%	80	120				
Fluorobenzene	94.28	0	100	0	94.3%	80	120				

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank

On Site Technologies, LTD.

Date: 24-Sep-99

CLIENT: PNM - Public Service Company of NM

Work Order: 9909056

Project: Chamberlain #1

Test No: SW8021B

QC SUMMARY REPORT SURROGATE RECOVERIES

Aromatic Volatiles by GC/PID

Sample ID	14FBZ	4BCBZ	FLBZ
9909056-01A	92.7	92.9	92.5
9909057-02A	94.8	92.6	95.1
9909057-03A	92.2	91.7	92.9
9909059-01A	95.3	94	94.2
9909062-14A	94.7	94.5	94.9
9909062-15A	95.3	94	94.9
9909062-16A	95	93.9	94.8
9909062-17A	95.9	93.8	95.2
9909063-01A	95.8	93.6	95.5
9909063-02A	95.4	93.8	94.9
9909063-03A	94.9	93.9	95.2
9909063-04A	95.3	94.3	94.9
9909064-03A	91	94.3	90.5
9909064-04A	94.3	94.8	93.8
9909064-05A	91.9	94	91.5
9909064-05AMS	92.1	93.5	90.8
9909064-05AMSD	91.8	94.6	90.9
9909065-02A	95	94	94.8
9909067-01A	93.6	95.7	93
9909067-02A	95.1	94.5	94.6
CCV1 BTEX_99061	94.7	92.7	93.8
CCV2 BTEX_99061	94.5	93.8	93.6
CCV3 BTEX_99061	94.6	93.5	94.3
LCS WATER	94.6	92.7	93.5
MBI	95.3	92.7	94.7

Acronym	Surrogate	QC Limits
14FBZ	= 1,4-Difluorobenzene	80-120
4BCBZ	= 4-Bromochlorobenzene	80-120
FLBZ	= Fluorobenzene	80-120

* Surrogate recovery outside acceptance limits

Olson, William

From: MGannon@pnm.com [SMTP:MGannon@pnm.com]
Sent: Thursday, September 30, 1999 11:19 AM
To: Olson, William
Cc: Foust, Denny
Subject: Chamberlain #1 Groundwater Site

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

Site name: CHAMBERLAIN #1
Location: S14 T32N R12W Unit "F"
Operator: Burlington
Depth to GW: 55'
Contaminant Concentration: 1.6 ppm benzene; 15.1 ppm BTEX

Groundwater beneath the pit was sampled on 9/15/99. PNM did not receive the final hardcopy of the results until today, Thursday, 9/30/99. A written notification will be made to OCD within 15 days.

If you have any questions, please call me at (505) 241-2974.

Maureen Gannon
Environmental Services
241-2974