

3R - 337

**GENERAL
CORRESPONDENCE**

YEAR(S):

2000-1998

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.

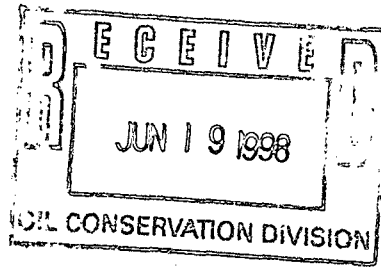
Please let me know if this extension is acceptable to you. You may email me or call me at (505) 241-2974. Thank you for your time and consideration of this matter.

Maureen Gannon
Environmental Services
241-2974

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

June 16, 1998

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



SENT CERTIFIED MAIL



RE: NOTIFICATION OF GROUNDWATER CONTAMINATION: O'SHEA #1M 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 O'Shea #1M well site, located in S3 T31N R13W, unit letter "F". A topographic map showing the location of the site is provided as an attachment. The operator is Chateau. This letter follows Email notification provided to you on Tuesday, June 16, 1998 (M. Gannon, PNM to B. Olson, OCD).

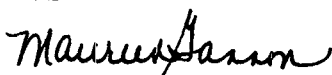
On June 2, 1998, during a routine pit remediation, a PNM environmental technician discovered groundwater at 6 feet below ground surface. A groundwater sample was collected and delivered to OnSite Technologies, Farmington, New Mexico. A hardcopy of the analytical results is attached. A summary of the analytical results is provided below:

Component	Units	WQCC Stds.	Groundwater Sample
Benzene	ppb	10	75
Toluene	ppb	750	2900
Ethylbenzene	ppb	750	520
Xylenes	ppb	620	6200
Total BTEX	ppb		9615

Bold type indicates a WQCC exceedance.

This letter serves as written notification of groundwater impact at the O'Shea #1M. 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


Maureen Gannon
Project Manager

Attachment

cc: Colin Adams, PNM
Chester Deal, Chateau
Denny Foust, OCD-Aztec Office
Ingrid Deklau, WFS
Kathy Juckes, PNM
Toni Ristau, PNM
Bill von Drehle, WFS

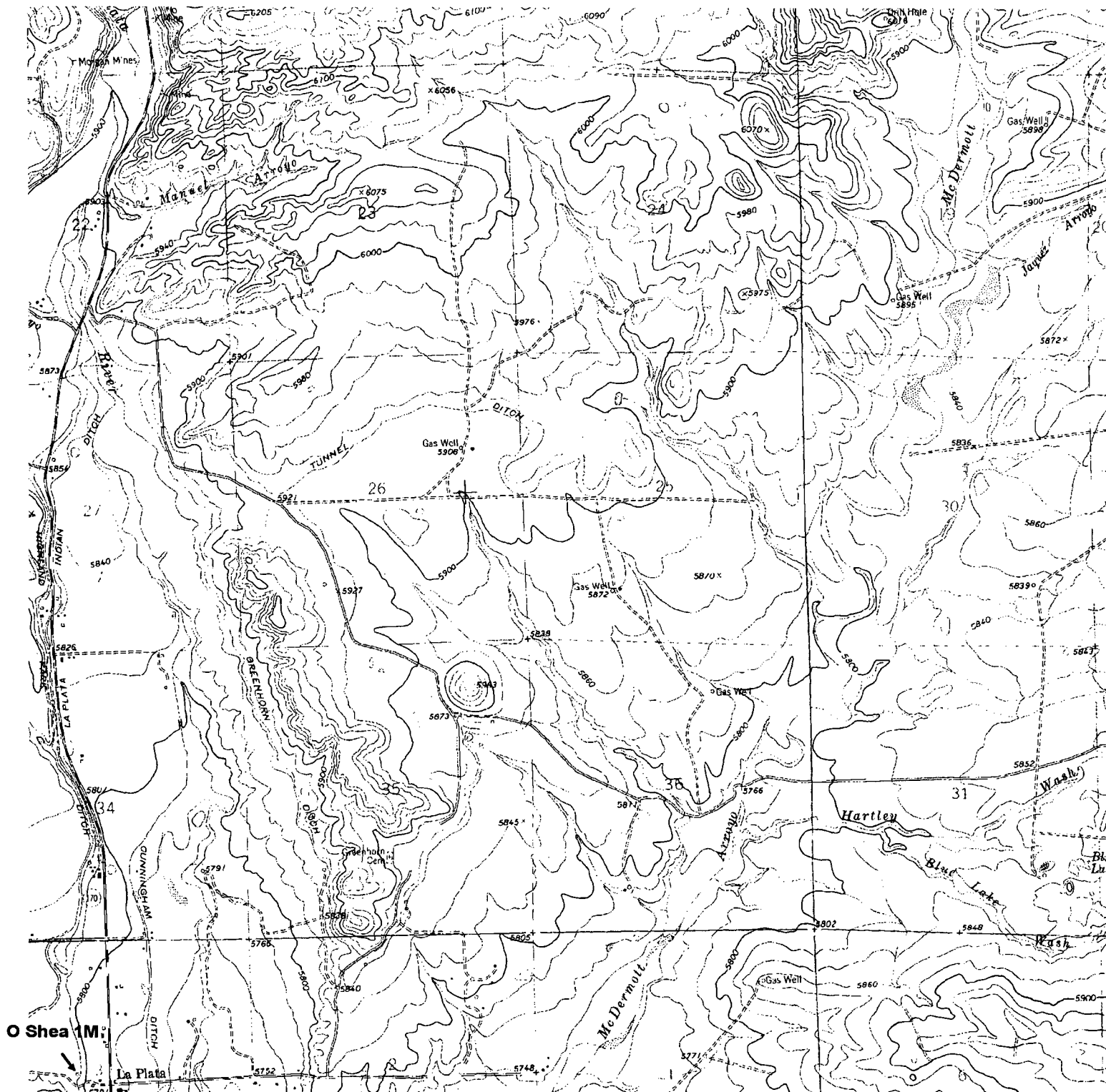
S:\GASPITS\OSHEA1MLTR

O Shea 1M T31N, R13W, S3, Unit F



LA PLATA, N. MEX.- COLO.

O Shea 1M T31N, R13W, S3, Unit F



LA PLATA, N. MEX.- COLO.

OFF: (505) 325-5667



LAB: (505) 325-1556

June 10, 1998

RECEIVED
JUN 16 1998

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: O'Shea #1M

Order No.: 9806008

Dear Maureen Gannon,

On Site Technologies, LTD. received 3 samples on 6/3/98 for the analyses presented in the following report.

The Samples were analyzed for the following tests:
BTEX (SW8020A)

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: 10-Jun-98

CLIENT: PNM - Public Service Company of NM

Project: O'Shea #1M

Lab Order: 9806008

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: 10-Jun-98

Client:	PNM - Public Service Company of NM	Client Sample Info:	OShea #1M Pit
Work Order:	9806008	Client Sample ID:	9806021545
Lab ID:	9806008-01A	Matrix:	AQUEOUS
Project:	O'Shea #1M	Collection Date:	6/2/98 3:45:00 PM
		COC Record:	7236

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
BTEX		SW8020A				Analyst: DC
Benzene	75	10		µg/L	20	6/4/98
Toluene	2900	10		µg/L	20	6/4/98
Ethylbenzene	520	10		µg/L	20	6/4/98
m,p-Xylene	5100	20		µg/L	20	6/4/98
o-Xylene	1100	10		µg/L	20	6/4/98

Qualifiers:

PQL - Practical Quantitation Limit

ND - Not Detected at Practical Quantitation Limit

J - Analyte detected below Practical Quantitation Limit

B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Surr: - Surrogate

1 of 1

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 10-Jun-98

Client:	PNM - Public Service Company of NM	Client Sample Info:	OShea #1M South Pit
Work Order:	9806008	Client Sample ID:	9806021600
Lab ID:	9806008-02A	Matrix:	AQUEOUS
Project:	O'Shea #1M	Collection Date:	6/2/98 4:00:00 PM
		COC Record:	7236

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
BTEX		SW8020A		Analyst: DC		
Benzene	ND	0.5		µg/L	1	6/4/98
Toluene	ND	0.5		µg/L	1	6/4/98
Ethylbenzene	ND	0.5		µg/L	1	6/4/98
m,p-Xylene	ND	1		µg/L	1	6/4/98
o-Xylene	0.6	0.5		µg/L	1	6/4/98

Qualifiers:

PQL - Practical Quantitation Limit

ND - Not Detected at Practical Quantitation Limit

J - Analyte detected below Practical Quantitation Limit

B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Surr: - Surrogate

1 of 1

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 10-Jun-98

Client:	PNM - Public Service Company of NM	Client Sample Info:	OShea #1M East Pit
Work Order:	9806008	Client Sample ID:	9806021605
Lab ID:	9806008-03A	Matrix:	AQUEOUS
Project:	O'Shea #1M	Collection Date:	6/2/98 4:05:00 PM
		COC Record:	7236

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
BTEX	SW8020A				Analyst: DC	
Benzene	73	5		µg/L	10	6/4/98
Toluene	170	5		µg/L	10	6/4/98
Ethylbenzene	220	5		µg/L	10	6/4/98
m,p-Xylene	610	10		µg/L	10	6/4/98
o-Xylene	320	5		µg/L	10	6/4/98

Qualifiers:

PQL - Practical Quantitation Limit

ND - Not Detected at Practical Quantitation Limit

J - Analyte detected below Practical Quantitation Limit

B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Surr: - Surrogate

1 of 1

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -



7236

Page: 7 of 7

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

[illegible]



Date:

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

[illegible]

Distribution:	White - On Site	Yellow - LAB	Pink - Sampler	Goldenrod - Client
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On Site Technologies, LTD.

Date: 10-Jun-98

CLIENT: PNM - Public Service Company of NM
Work Order: 9806008
Project: O'Shea #1M

QC SUMMARY REPORT

Method Blank

Sample ID: MB1	Batch ID: GC-1_980604	Test Code: SW8020A	Units: µg/L	Analysis Date: 6/4/98	Prep Date:
Client ID: 9806008	Run ID: GC-1_980604A	SeqNo: 2730			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Benzene	.1062	0.5			J
Ethylbenzene	.1175	0.5			J
m,p-Xylene	.3307	1			J
o-Xylene	.1356	0.5			J
Toluene	.2403	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: 10-Jun-98

CLIENT: PNM - Public Service Company of NM
Work Order: 9806008
Project: O'Shea #1M

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID: 9806008-01AMS		Batch ID: GC-1_980604		Test Code: SW8020A		Units: µg/L		Analysis Date: 6/4/98				Prep Date:	
Client ID: 9806021545		9806008		Run ID: GC-1_980604A				SeqNo: 2731					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual		
Benzene	4043	50	4000	139.8	97.6%	56	128						
Ethylbenzene	4461	50	4000	651.3	95.2%	78	107						
m,p-Xylene	12590	100	8000	5691	86.3%	67	118						
o-Xylene	5036	50	4000	1276	94.0%	78	107						
Toluene	6831	50	4000	3014	95.4%	74	116						
Sample ID: 9806008-01AMS		Batch ID: GC-1_980604		Test Code: SW8020A		Units: µg/L		Analysis Date: 6/4/98				Prep Date:	
Client ID: 9806021545		9806008		Run ID: GC-1_980604A				SeqNo: 2733					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual		
Benzene	3989	50	4000	139.8	96.2%	56	128	4043	1.3%	12			
Ethylbenzene	4408	50	4000	651.3	93.9%	78	107	4461	1.2%	11			
m,p-Xylene	12440	100	8000	5691	84.4%	67	118	12590	1.2%	10			
o-Xylene	4999	50	4000	1276	93.1%	78	107	5036	0.7%	14			
Toluene	6743	50	4000	3014	93.2%	74	116	6831	1.3%	14			
Sample ID: 9806008-03AMS		Batch ID: GC-1_980604		Test Code: SW8020A		Units: µg/L		Analysis Date: 6/4/98				Prep Date:	
Client ID: 9806021605		9806008		Run ID: GC-1_980604A				SeqNo: 2732					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual		
Benzene	456.9	5	400	72.93	96.0%	56	128						
Ethylbenzene	594.4	5	400	216.4	94.5%	78	107						
m,p-Xylene	1350	10	800	614.5	91.9%	67	118						
o-Xylene	698.9	5	400	316.3	95.6%	78	107						
Toluene	557.4	5	400	174.3	95.8%	74	116						

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: 9806008

Project: O'Shea #1M

QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Sample ID: 9806008-03AMSD		Batch ID: GC-1_980604	Test Code: SW8020A	Units: µg/L	Analysis Date: 6/4/98		Prep Date:				
Client ID: 9806021605		9806008	Run ID: GC-1_980604A		SeqNo: 2734						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	458.5	5	400	72.93	96.4%	56	128	456.9	0.3%	12	
Ethylbenzene	598.7	5	400	216.4	95.6%	78	107	594.4	0.7%	11	
m,p-Xylene	1360	10	800	614.5	93.2%	67	118	1350	0.7%	10	
o-Xylene	708.4	5	400	316.3	98.0%	78	107	698.9	1.4%	14	
Toluene	559.5	5	400	174.3	96.3%	74	116	557.4	0.4%	14	

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: 10-Jun-98

CLIENT: PNM - Public Service Company of NM
Work Order: 9806008
Project: O'Shea #1M

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID: LCS	Batch ID: GC-1_980604	Test Code: SW8020A	Units: µg/L	Analysis Date: 6/4/98	Prep Date:						
Client ID:	9806008	Run ID: GC-1_980604A		SeqNo: 2729							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	40.91	0.5	40	0.1062	102.0%	56	128				
Ethylbenzene	41.36	0.5	40	0.1175	103.1%	78	107				
m,p-Xylene	79.44	1	80	0.3307	98.9%	67	118				
o-Xylene	41	0.5	40	0.1356	102.2%	78	107				
Toluene	40.89	0.5	40	0.2403	101.6%	74	116				

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: 10-Jun-98

CLIENT: PNM - Public Service Company of NM
 Work Order: 9806008
 Project: O'Shea #1M

QC SUMMARY REPORT

Continuing Calibration Verification Standard

Sample ID: CCV1 QC0529/30		Batch ID: GC-1_980604		Test Code: SW8020A		Units: µg/L		Analysis Date: 6/4/98		Prep Date:	
Client ID: 9806008		Run ID: 9806004A		SeqNo: 2726							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	20.53	0.5	20	0	102.7%	85	115				
Ethylbenzene	20.92	0.5	20	0	104.6%	85	115				
m,p-Xylene	39.84	1	40	0	99.6%	85	115				
o-Xylene	20.78	0.5	20	0	103.9%	85	115				
Toluene	20.7	0.5	20	0	103.5%	85	115				
1,4-Difluorobenzene	93.04	0	100	0	93.0%	70	130				
4-Bromochlorobenzene	85.56	0	100	0	85.6%	70	130				
Fluorobenzene	93.09	0	100	0	93.1%	70	130				

Sample ID: CCV2 QC0529/30		Batch ID: GC-1_980604		Test Code: SW8020A		Units: µg/L		Analysis Date: 6/4/98		Prep Date:	
Client ID: 9806008		Run ID: 9806004A		SeqNo: 2727							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	19.63	0.5	20	0	98.1%	85	115				
Ethylbenzene	20.78	0.5	20	0	103.9%	85	115				
m,p-Xylene	39.15	1	40	0	97.9%	85	115				
o-Xylene	19.95	0.5	20	0	99.8%	85	115				
Toluene	20.03	0.5	20	0	100.2%	85	115				
1,4-Difluorobenzene	92.5	0	100	0	92.5%	70	130				
4-Bromochlorobenzene	70.26	0	100	0	70.3%	70	130				
Fluorobenzene	92.16	0	100	0	92.2%	70	130				

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: 9806008

Project: O'Shea #1M

QC SUMMARY REPORT

Continuing Calibration Verification Standard

Sample ID: CCV3 QC0529/30		Batch ID: GC-1_980604		Test Code: SW8020A		Units: µg/L		Analysis Date: 6/4/98		Prep Date:	
Client ID: 9806008		Run ID: GC-1_980604A		SeqNo: 2728							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	20.85	0.5	20	0	104.3%	85	115				
Ethylbenzene	21.89	0.5	20	0	109.5%	85	115				
m,p-Xylene	41.11	1	40	0	102.8%	85	115				
o-Xylene	21.41	0.5	20	0	107.0%	85	115				
Toluene	21.24	0.5	20	0	106.2%	85	115				
1,4-Difluorobenzene	92.19	0	100	0	92.2%	70	130				
4-Bromochlorobenzene	83.29	0	100	0	83.3%	70	130				
Fluorobenzene	92.59	0	100	0	92.6%	70	130				

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: 10-Jun-98

CLIENT: PNM - Public Service Company of NM

Work Order: 9806008

Project: O'Shea #1M

Test No: SW8020A

QC SUMMARY REPORT SURROGATE RECOVERIES

BTEX

Sample ID	14FBZ	4BCBZ	FLBZ					
9806001-01A	92.4	73.6	92.7					
9806001-02A	92.8	80.8	92.5					
9806001-03A	93.4	82.7	92.7					
9806002-01A	93.1	92.8	92.4					
9806008-01A	93.8	89.3	95.9					
9806008-01AMS	91.1	87.1	92.2					
9806008-01AMSD	91.6	86.7	92.2					
9806008-02A	92.9	87.7	93.4					
9806008-03A	91.8	90.3	91.5					
9806008-03AMS	90.7	90.4	90.8					
9806008-03AMSD	90.8	90.5	91.3					
CCV1 QC0529/30	93	85.6	93.1					
CCV2 QC0529/30	92.5	70.3	92.2					
CCV3 QC0529/30	92.2	83.3	92.6					
LCS	92.4	88.2	92.7					
MBI	93.7	82.8	93.5					

Acronym	Surrogate	QC Limits
14FBZ	= 1,4-Difluorobenzene	70-130
4BCBZ	= 4-Bromochlorobenzene	70-130
FLBZ	= Fluorobenzene	70-130

* Surrogate recovery outside acceptance limits

Olson, William

From: MGannon[SMTP:MGannon@mail.pnm.com]
Sent: Tuesday, June 16, 1998 4:09 PM
To: billolson
Cc: ingridD; billV
Subject: Contaminated Groundwater Site Notification: O'Shea #1M
Importance: High

PNM has discovered a new contaminated groundwater site during routine pit excavation:

Site name: O'Shea 1M
Location: S3 T31N R13W Unit "F"
Operator: Chateau (Synder)
Depth to GW: 6'
Contaminant Concentration: benzene 75 ppb; BTEX 9615 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.

Maureen Gannon