3R - 325

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.

[redacted], 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 al 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

SEP 14 '99

September 13, 1999

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

RE: WELL INSTALLATION PLANS FOR SAN JUAN BASIN GROUNDWATER SITES

Dear Bill:

PNM herein submits monitoring well installation plans for several groundwater sites that we are managing in the San Juan Basin. You requested these plans in an August 16, 1999 letter entitled, "Final San Juan Basin Pit Closure Reports," that was sent to Ms. Kathy Juckes, PNM-Farmington. The subject groundwater sites are the Dogie Compressor Station North Pit, Florance #32A, Jacques #2A, Mangum #1E, McClanahan #22, Dogie Compressor Station East Pit, Honolulu Loop Line Drip, Ice Canyon Drip, Jicarilla Contract 147-6, and Randelman #1.

The well installation plan for each of the above-referenced sites consists of a map depicting the existing monitoring well configuration at the site with associated historical BTEX data. Any proposed new well location is denoted by a large "X" on the map. In some instances, the proposed wells have already been installed and sampled, and the analytical results for BTEX are reported next to these locations on the attached maps. PNM will prepare formal reports on all of the subject sites requiring new well installations in either individual groundwater/pit closure reports or the Annual Groundwater Report to be submitted to the OCD in 2000.

PNM would like to bring the Randleman 1 well site and the Honolulu Loop Line Drip to your attention. The Randleman 1 site is operated by Burlington Resources and poses many unique problems, including:

- an increase in benzene concentrations in PNM's source and downgradient wells after cessation of discharge, and primary and secondary remediation of PNM's former pit (see figure 10);
- elevated chloride levels groundwater monitoring wells on site (see attachment to figure 10); and
- potential impacts to underlying groundwater from Burlington's operations and their former pit (Approximately one year after remediation, Burlington's pit excavation and on site landfarm remain open).

The Honolulu Loop Line Drip is operated by Williams and has also experienced its own set of problems, including, most recently, a significant increase in benzene in MW-5 and MW-12 (see figure 7 and attachment to figure 7). As you may recall, PNM conducted extensive secondary removal of contaminated soils in the area and south of Williams pipeline in December of 1998 after the appearance of free product and high dissolved-phase BTEX contaminants. At both the Randleman 1 and the Honolulu Loop Line Drip, PNM agrees that the installation of additional wells is necessary to fully define the extent of the dissolved-phase contaminant plumes. However, such action, on the part of PNM, assumes that all responsibility at the site is ours. In contrast, we believe that the ongoing problems may be the responsibility of the producer or are at least shared with them. Therefore, before agreeing to install additional wells at these particular locations, PNM is considering several options at either site and will be contacting you in the very near future to inform you of our proposed strategies.

Please review the attached site maps and accept them as our groundwater monitoring well installation plans. All well installations and sampling events will be conducted in accordance with PNM's Groundwater Management Plan for Unlined Surface Impoundments, March 1996. If you need additional information or have any questions, you may call me at (505) 241-2974. Thank you for your time and consideration concerning this matter.

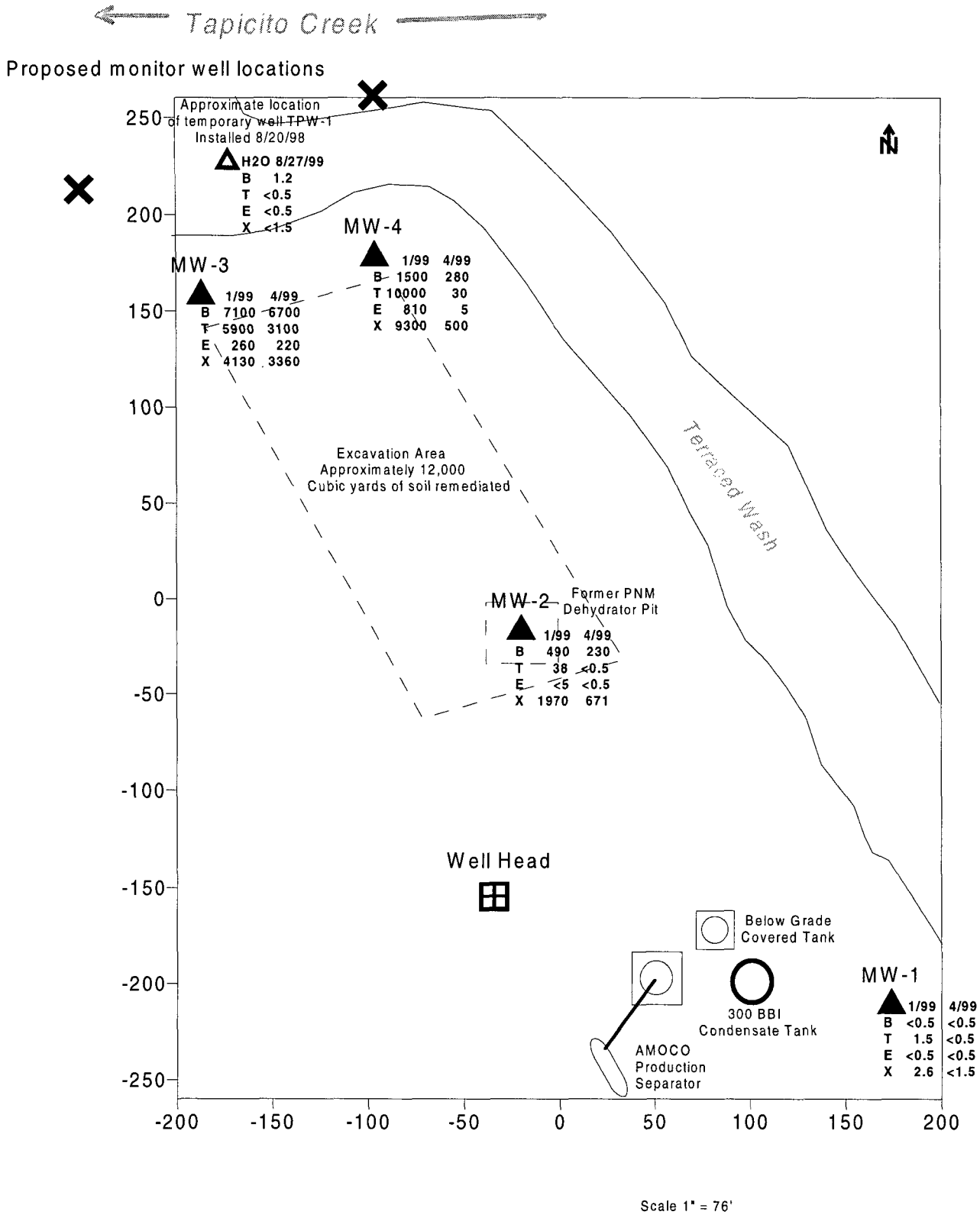
Sincerely,
PNM Environmental Services

Maureen Gannon
Project Manager

Attachments

cc: Ingrid Deklau, WFS
Denny Foust, OCD-Aztec Office
Kathy Juckes, PNM Farmington File
Keith Manwell, Jicarilla Environmental Protection Office
Mark Sikelianos, PNM

Figure 9.
Jicarilla 147-6 Site Map and Analytical Results
Groundwater Concentrations in (ppb)



Scale 1" = 76'

Olson, William

From: Olson, William
Sent: Tuesday, August 31, 1999 8:07 AM
To: 'MGannon@pnm.com'
Subject: RE: Request for Extension
Importance: High

The below requested extension is approved.

From: MGannon@pnm.com[SMTP:MGannon@pnm.com]
Sent: Monday, August 30, 1999 4:30 PM
To: Olson, William
Cc: MSikeli@pnm.com
Subject: Request for Extension

As discussed with you last week during the OCC hearing on the Hampton 4M site, PNM requests an extension to complete our plans documenting additional ground water monitoring well installations at several sites we are currently managing in the San Juan Basin. Your letter of August 16, 1999 asks that a plan be submitted by Tuesday, August 31, 1999. We request an additional two weeks from this date to finish the plans and submit them to your office. We will have the plans to you by Tuesday, September 14, 1999.

We appreciate your patience in this matter. If you have any questions or concerns, please call me at (505) 241-2974.

Maureen Gannon
Environmental Services
241-2974

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

May 28, 1999

CERTIFIED MAIL
RETURN RECEIPT NO. Z-274-520-668

Ms. Maureen Gannon
Public Service Company of New Mexico
Alvarado Square, MS-0408
Albuquerque, New Mexico 87401

RE: 1999 SAN JUAN BASIN ANNUAL GROUNDWATER REPORT

Dear Ms. Gannon:

The New Mexico Oil Conservation Division (OCD) has reviewed Public Service Company of New Mexico's (PNM) April 5, 1999 "1999 SAN JUAN BASIN ANNUAL GROUNDWATER REPORT". This document contains the results of PNM's 1998 monitoring and remediation of contaminated ground water related to the closure of unlined oil and gas production pits in the San Juan Basin.

The OCD has the following comments and requirements regarding the above referenced document:

A. On July 14, 1999, the OCD required that PNM install additional ground water monitoring wells at 7 sites to determine the extent of ground water contamination that was in excess of New Mexico Water Quality Control Commission (WQCC) ground water standards. According to the above referenced documents additional wells were installed at 2 of the sites. However, the documents do not contain any information on the installation of additional monitoring wells for the sites listed below. The OCD requires that PNM submit a plan to address this deficiency for these sites. The plan shall be submitted to the OCD Santa Fe Office by July 28, 1999 with a copy provided to the OCD Aztec District Office.

1.	Dogie Compressor Station North Pit	Unit D, Sec. 04, T25N, R06W
2.	Florance #32A	Unit F, Sec. 15, T30N, R08W
3.	Jacques #2A	Unit D, Sec. 25, T30N, R09W
4.	Mangum #1E	Unit F, Sec. 33, T29N, R11W
5.	McClanahan #22	Unit G, Sec. 14, T28N, R10W

B. The closure reports for the sites listed below show that the extent of ground water contamination in excess of New Mexico WQCC ground water standards has not been completely defined. Therefore, the OCD requires that PNM submit a plan for the installation of additional monitor wells to determine the extent of ground water contamination at these sites. The plan shall be submitted to the OCD Santa Fe Office by July 28, 1999 with a copy provided to the OCD Aztec District Office.

1.	Dogie Compressor Station East Pit	Unit D, Sec. 04, T25N, R06W
2.	Honolulu Line Drip	Unit B, Sec. 15, T26N, R04W
3.	Ice Canyon Drip	Unit H, Sec. 13, T26N, R07W
4.	Jicarilla Contract 147-6	Unit C, Sec. 06, T25N, R05W
5.	Randalman #1	Unit K, Sec. 13, T31N, R11W

C. Several of the reports state that certain contaminants such as chloride, sulfate and total dissolved solids are not enforceable standards under State of New Mexico regulations. For your information, all of the WQCC standards as contained in 20 NMAC 6.2.3101 are enforceable standards.

If you have any questions, please call me at (505) 827-7154.

Sincerely,

William C. Olson
Hydrologist
Environmental Bureau

xc: Denny Foust, OCD Aztec District Office
Bill Liess, BLM Farmington District Office
Kurt Sandoval, Jicarilla Apache Environmental Protection Office

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

August 24, 1998

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

RE: NOTIFICATION OF GROUNDWATER CONTAMINATION AT THE JICARILLA CONTRACT 147-6 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 Jicarilla Contract 147-6 well site, located in section 6, township 25 North, range 5 West, unit letter "C". A topographic map showing the location of the site is provided as an attachment. The operator is Amoco. This letter follows e-mail notification provided to you on Thursday, August 13, 1998 (M. Gannon, PNM to B. Olson. OCD, 8/13/98).

On July 30, 1998, PNM field personnel collected a sample from groundwater in an excavation approximately 26 feet below ground surface at the subject location. The groundwater 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 analytical results are summarized below:

Component	Units	WQCC Stds.	Pit Excavation Water Sample
Benzene	ppb	10	**1400**
Toluene	ppb	750	**4500**
Ethylbenzene	ppb	750	580
Xylenes	ppb	620	**6800**
Total BTEX	ppb		13,280

Boldtype indicates a WQCC exceedance.

This letter serves as written notification of groundwater impact at the Jicarilla Contract 147-6 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.

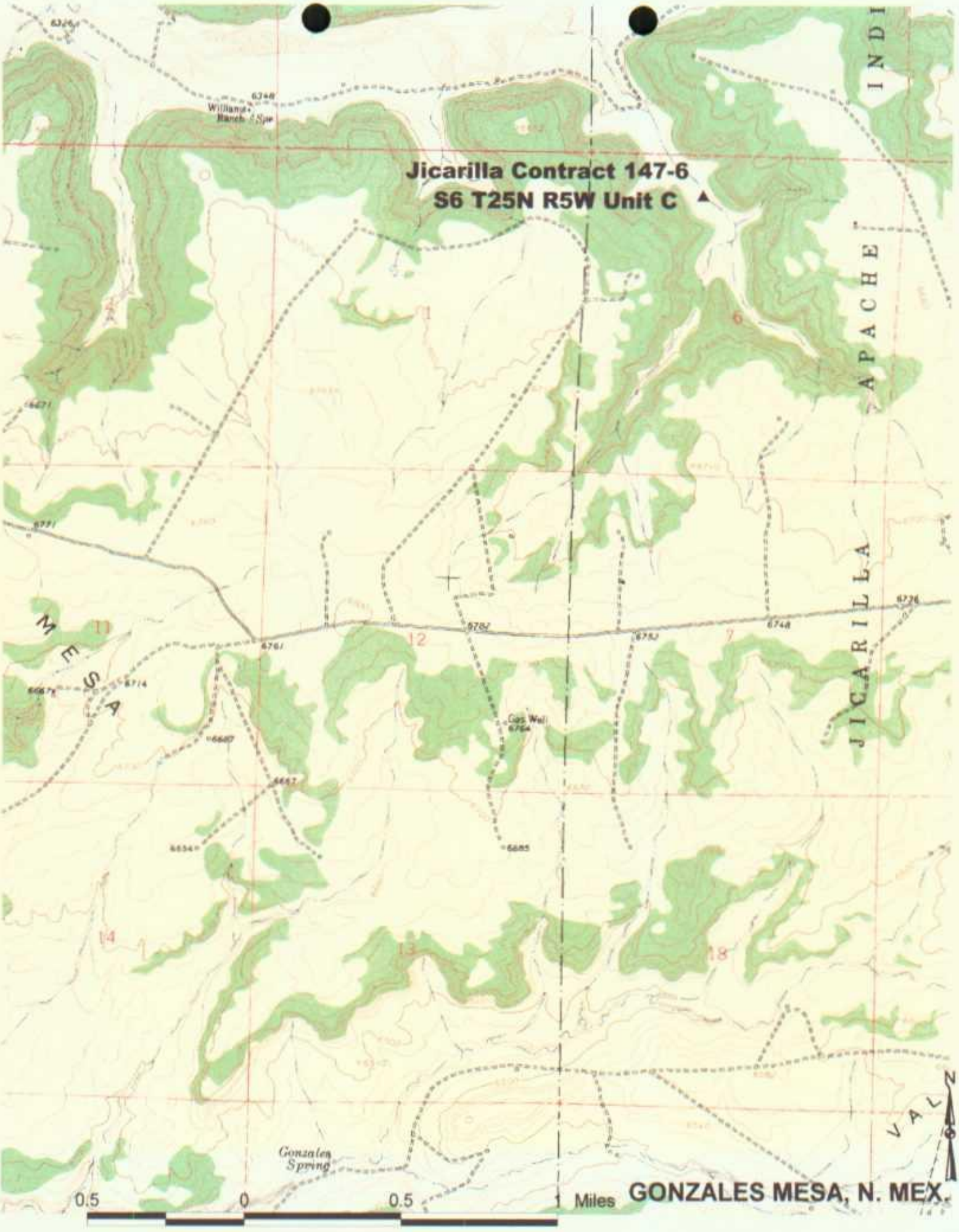
Sincerely,
PNM

Maureen Gannon
Project Manager

MDG/JICON1476.LTR

Attachment

cc: Colin Adams, PNM (w/o attachment)
Ingrid Deklau, WFS
Bill Von Drehle, WFS
Denny Foust, OCD-Aztec Office
Keith Manwell, Jicarilla Apache EPO


Jicarilla Contract 147-6
S6 T25N R5W Unit C
JICARILLA APACHE INDI
MESA
Gonzales Spring
0.5 0 0.5 1 Miles
GONZALES MESA, N. MEX.

OFF: (505) 325-5667

ON SITE
TECHNOLOGIES, LTD.

LAB: (505) 325-1556

Email Notification 8/13/98

August 05, 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: PNM Pit Remediation Jicarilla Contract 147-6 Order No.: 9807083

Dear Maureen Gannon,

On Site Technologies, LTD. received 1 sample on 7/31/98 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,

David Cox

OFF: (505) 325-5667

ON SITE
TECHNOLOGIES, LTD.

LAB: (505) 325-1556

On Site Technologies, LTD.

Date: *05-Aug-98*

CLIENT: PNM - Public Service Company of NM
Project: PNM Pit Remediation
Lab Order: 9807083

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.

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Date: *05-Aug-98*

Client:	PNM - Public Service Company of NM	**Client Sample Info:**	Jicarilla Contract 147-6
Work Order:	9807083	**Client Sample ID:**	9807300650
Lab ID:	9807083-01A **Matrix:** AQUEOUS	**Collection Date:**	7/30/98 6:50:00 AM
Project:	PNM Pit Remediation	**COC Record:**	7071

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
BTEX		**SW8020A**				Analyst: **HR**
Benzene	1400	25		µg/L	50	8/4/98
Toluene	4500	25		µg/L	50	8/4/98
Ethylbenzene	580	5		µg/L	10	8/4/98
m,p-Xylene	5400	50		µg/L	50	8/4/98
o-Xylene	1400	5		µg/L	10	8/4/98

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

P.O. BOX 2606 • FARMINGTON, NM 87499

On Site Technologies, LTD.

Date: *05-Aug-98*

CLIENT: PNM - Public Service Company of NM
Work Order: 9807083
Project: PNM Pit Remediation

QC SUMMARY REPORT
Method Blank

Sample ID: **MB1** Batch ID: **GC-1_980804** Test Code: **SW8020A** Units: **µg/L** Analysis Date **8/4/98** Prep Date:

Client ID: **9807083** Run ID: **GC-1_980804A** SeqNo: **5311**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	.0764	0.5									J
Ethylbenzene	.0909	0.5									J
m,p-Xylene	.9729	1									J
o-Xylene	.3717	0.5									J
Toluene	.2761	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: *05-Aug-98*

CLIENT: PNM - Public Service Company of NM
Work Order: 9807083
Project: PNM Pit Remediation

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID: **9807063-01AMS** Batch ID: **GC-1_980804** Test Code: **SW8020A** Units: **µg/L** Analysis Date **8/4/98** Prep Date:
Client ID: **9807083** Run ID: **GC-1_980804A** SeqNo: **5318**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	50.61	0.5	40	13.9	91.8%	56	128				
Ethylbenzene	52.18	0.5	40	11.74	101.1%	78	107				
m,p-Xylene	85.28	1	80	11.07	92.8%	67	118				
o-Xylene	65.51	0.5	40	25.01	101.2%	78	107				
Toluene	53.81	0.5	40	15.08	96.8%	74	116				

Sample ID: **9807063-01AMSD** Batch ID: **GC-1_980804** Test Code: **SW8020A** Units: **µg/L** Analysis Date **8/4/98** Prep Date:
Client ID: **9807083** Run ID: **GC-1_980804A** SeqNo: **5319**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	48.19	0.5	40	13.9	85.7%	56	128	50.61	4.9%	12	
Ethylbenzene	49.94	0.5	40	11.74	95.5%	78	107	52.18	4.4%	11	
m,p-Xylene	81.8	1	80	11.07	88.4%	67	118	85.28	4.2%	10	
o-Xylene	63.23	0.5	40	25.01	95.5%	78	107	65.51	3.5%	14	
Toluene	51.52	0.5	40	15.08	91.1%	74	116	53.81	4.4%	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: *05-Aug-98*

CLIENT: PNM - Public Service Company of NM
Work Order: 9807083
Project: PNM Pit Remediation

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID: **LCS WATER** Batch ID: **GC-1_980804** Test Code: **SW8020A** Units: **µg/L** Analysis Date **8/4/98** Prep Date:

Client ID: **9807083** Run ID: **GC-1_980804A** SeqNo: **5310**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	35.91	0.5	40	0.0764	89.6%	56	128				
Ethylbenzene	38.17	0.5	40	0.0909	95.2%	78	107				
m,p-Xylene	73.47	1	80	0.9729	90.6%	67	118				
o-Xylene	38.23	0.5	40	0.3717	94.6%	78	107				
Toluene	37.16	0.5	40	0.2761	92.2%	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: *05-Aug-98*

CLIENT: PNM - Public Service Company of NM
Work Order: 9807083
Project: PNM Pit Remediation

QC SUMMARY REPORT
Continuing Calibration Verification Standard

Sample ID: **CCV1 QC0606/07** Batch ID: **GC-1_980804** Test Code: **SW8020A** Units: **µg/L** Analysis Date **8/4/98** Prep Date:
Client ID: **9807083** Run ID: **GC-1_980804A** SeqNo: **5309**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	18.36	0.5	20	0	91.8%	85	115				
Ethylbenzene	19.36	0.5	20	0	96.8%	85	115				
m,p-Xylene	37.47	1	40	0	93.7%	85	115				
o-Xylene	19.51	0.5	20	0	97.6%	85	115				
Toluene	19	0.5	20	0	95.0%	85	115				
1,4-Difluorobenzene	86.02	0	100	0	86.0%	70	130				
4-Bromochlorobenzene	85.86	0	100	0	85.9%	70	130				
Fluorobenzene	82.84	0	100	0	82.8%	70	130				

Sample ID: **CCV2 QC0606/07** Batch ID: **GC-1_980804** Test Code: **SW8020A** Units: **µg/L** Analysis Date **8/4/98** Prep Date:
Client ID: **9807083** Run ID: **GC-1_980804A** SeqNo: **5316**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	18.89	0.5	20	0	94.4%	85	115				
Ethylbenzene	19.8	0.5	20	0	99.0%	85	115				
m,p-Xylene	37.89	1	40	0	94.7%	85	115				
o-Xylene	19.75	0.5	20	0	98.7%	85	115				
Toluene	19.48	0.5	20	0	97.4%	85	115				
1,4-Difluorobenzene	86.06	0	100	0	86.1%	70	130				
4-Bromochlorobenzene	86.07	0	100	0	86.1%	70	130				
Fluorobenzene	82.7	0	100	0	82.7%	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: 9807083
Project: PNM Pit Remediation

QC SUMMARY REPORT
Continuing Calibration Verification Standard

Sample ID: **CCV3 QC0606/07** Batch ID: **GC-1_980804** Test Code: **SW8020A** Units: **µg/L** Analysis Date **8/4/98** Prep Date:

Client ID: **9807083** Run ID: **GC-1_980804A** SeqNo: **5317**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	17.25	0.5	20	0	86.3%	85	115				
Ethylbenzene	19.51	0.5	20	0	97.5%	85	115				
m,p-Xylene	36.63	1	40	0	91.6%	85	115				
o-Xylene	18.76	0.5	20	0	93.8%	85	115				
Toluene	18.5	0.5	20	0	92.5%	85	115				
1,4-Difluorobenzene	84.71	0	100	0	84.7%	70	130				
4-Bromochlorobenzene	69.47	0	100	0	69.5%	70	130				S
Fluorobenzene	80.86	0	100	0	80.9%	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: 05-Aug-98

CLIENT: PNM - Public Service Company of NM
Work Order: 9807083
Project: PNM Pit Remediation
Test No: SW8020A

QC SUMMARY REPORT
SURROGATE RECOVERIES

BTEX

Sample ID	14FBZ	4BCBZ	FLBZ					
9807063-01A	84.3	64.7 *	80.6					
9807063-01AMS	84.9	69.2 *	80.8					
9807063-01AMSD	85.5	68.4 *	81.2					
9807072-03A	86.8	85.8	82.1					
9807072-11A	75.4	83.6	73					
9807083-01A	83.2	59.3 *	79.7					
9808001-01A	73.8	74	84.3					
9808001-02A	74.4	61.6 *	82.6					
CCV1 QC0606/07	86	85.9	82.8					
CCV2 QC0606/07	86	86.1	82.7					
CCV3 QC0606/07	84.7	69.5 *	80.9					
LCS WATER	85.8	89.7	82.4					
MB1	87.2	82.1	83.6					

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

*** Surrogate recovery outside acceptance limits**

7074

CHAIN OF CUSTODY RECORD

Date: 7/30/98

Page: 1 of 1

ON SITE TECHNOLOGIES, LTD.

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

Purchase Order No.:		Job No.	
SEND INVOICE TO Name	Denver Bearden		
Company	PNM Gas Services	Dept.	324-3763
Address	603 W. Elm Street		
City, State, Zip	Farmington, NM 87401		

REPORT RESULTS TO Name	Maureen Gannon	Title	
Company	PNM Gas Services		
Mailing Address	Alverado Square, Mail Stop 0408		
City, State, Zip	Albuquerque, NM 87158		
Telephone No.	505-848-2974	Telefax No.	

Sampling Location: Jicarilla Contract 147-6

Sampler: Roy Burnham

SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	MATRIX	PRES.	Number of Containers	ANALYSIS REQUESTED: BTEX 8020	LAB ID
9807300650	7/30/98	0650	H2O	HCL	2	X	[illegible]

Relinquished by: Roy Burnham	Date/Time 7/30/98 0945	Received by: Randall A. Dedrick	Date/Time 7/30/98 0945
Relinquished by: Randall A. Dedrick	Date/Time 7/30/98 1130	Received by: J. E. F.	Date/Time 7-30-98 1130
Relinquished by:	Date/Time	Received by:	Date/Time

Method of Shipment:	Rush	24-48 Hours	10 Working Days
	X		

Special Instructions: **Results to be sent to both parties.**

Authorized by: Roy Burnham Date 7/30/98
(Client Signature Must Accompany Request)

Distribution: White - On Site Yellow - LAB Pink - Sampler Goldenrod - Client

Olson, William

From: MGannon[SMTP:MGannon@mail.pnm.com]
Sent: Thursday, August 13, 1998 8:39 AM
To: billolson
Cc: billV; ingridD; MSikeli
Subject: Contaminated Groundwater Site: Jicarilla Contract 147-6
Importance: High

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

Site name: Jicarilla Contract 147-6
Location: S6 T25N R5W Unit "C"
Operator: Amoco
Depth to GW: 26'
Contaminant Concentration: benzene 1400 ppb; BTEX 13,280 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