3R - 340

REPORTS

DATE: Feb. 11, 2000



Environmental Services 187 County Road 4980 Bloomfield, NM 87413 505-632-4409 Phone 505-632-4405 Fax

February 11, 2002

RECEIVED

MAR 0 3 2002

ENVIRONMENTAL BUREAU OIL CONSERVATION DIVISION

Mr. Bill Olson Hydrogeologist Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505

RE: RANDLEMAN #1 PIT REMEDIATION AND CLOSURE REPORT

Dear Mr. Olson:

Enclosed please find information on remediation and closure activities associated with the unlined surface impoundment located at the Randleman #1 site. Public Service Company of New Mexico (PNM) formerly owned the site and initiated closure activities on April 29, 1997. The site later became an asset of Williams upon purchase of Gas Company of New Mexico (GCNM) from PNM. Upon expiration of PNM's retained environmental liabilities associated with the site, Williams agreed to complete necessary closure work. As such, the enclosed documentation reflects activities of both PNM and Williams.

Site History

Excavation of petroleum hydrocarbon impacted soil beneath the unlined surface impoundment began on April 29, 1997. A total of 613 cubic yards of contaminated soil were excavated and landfarmed on site and at the nearby Randleman #3 location. The excavation was reportedly terminated at a maximum depth of 22-feet, where ground water was encountered. A sample of the ground water collected from the excavation contained benzene and total xylene at concentrations in excess of Water Quality Control Commission (WQCC) standards. A letter notifying the Oil Conservation Division (OCD) of ground water contamination at the site was submitted on May 9, 1997.

To evaluate the magnitude and extent of ground water contamination, three monitoring wells were installed on May 14, 1997. Quarterly ground water samples were collected from the wells through March of 1998. In April of 1998 secondary source removal was conducted to address residual soil contamination extending to the south of the original excavated area. A total of 2220 cubic yards of impacted soil was removed and disposed at an OCD approved waste management facility. The secondary source removal activities resulted in the removal of "downgradient" monitoring well MW-3, hereafter referred to as "MW-3 Old". A replacement of this well, referred to as "MW-3 New", was installed on May 12, 1998. Quarterly monitoring was reinitiated and continued through September of 2000.

FEBRUARY 11, 2002 MR. BILL OLSON, OCD PAGE 2

Site Hydrogeology

The Randleman #1 is located in Unit K, Section 13, Township 31N, Range 11W of San Juan County, New Mexico (Figure 1). Approximately 100 feet east of the site is Kiffen Canyon Arroyo, which flows southeast approximately 0.3 miles to the Animas River. Immediately west of the site the Animas Formation outcrops forming steep cliffs. The site is underlain by a variable thickness of reworked, unconsolidated material consisting primarily of light brown, fine to coarse sand. One soil boring located on the eastern edge of the site, nearest the arroyo bank, encountered sandstone at 15-feet. All other borings were terminated at 25-feet in unconsolidated material.

Groundwater in the unconsolidated sediments is unconfined and water level elevations vary seasonally. Depths to ground water range from approximately 13 to 15-feet below ground level. A hydrograph illustrating water-table fluctuations is included as Figure 2. Ground water flows to the south, southeast consistent with the regional hydraulic gradient toward the Animas River. A potentiometric surface map is included as Figure 3. Hydraulic conductivities of the sediments are likely on the order of 10⁻³ to 10⁻¹ cm/sec.

Monitoring Results

Concentrations of benzene, toluene, ethylbenzene and xylene (BTEX) were analyzed in water samples collected quarterly from July 1997 through September 2000. As expected, upgradient monitoring well MW-1 never contained measurable concentrations of BTEX. The source area wells, MW-2 and MW-3 Old, both contained BTEX levels in excess of WQCC standards. The exceedance in "MW-3 Old" prompted the secondary source removal action in March of 1998. Concentrations of BTEX in "MW-3 New" remained below WQCC standards with the exception of an unexplained spike in August of 1999. Because BTEX levels in this well were below laboratory method detection limits both prior to and after this date, it is suspected that cross contamination of the August 1999 sample may have occurred. Table 1 summarizes the analytical results for the Q2/1999 to Q3/2000 period. The Q3/2000 analytical report is enclosed. All earlier analytical data was provided to you in previous submittals.

Natural attenuation processes combined with aggressive source removal resulted in steady decreases in BTEX over the three-year monitoring period. The initial concentration of total BTEX in source-area well MW-2 was 1374 ug/L. Less than one-year later, in June 1998, the total BTEX concentration was reduced to 16.7 ug/L. For the last four consecutive quarters of monitoring the concentrations of the BTEX compounds have remained below the WQCC standards.

Summary

The unlined surface impoundment at the Randleman #1 was addressed consistent with OCD Order 7940-C and with the guidelines pertaining to the remediation of unlined surface impoundments. The work included the removal of hydrocarbon-impacted soils and an evaluation of ground water impacted by the historical operation of the impoundment. A network of ground water monitoring wells was installed and ground water analyses showed that a small BTEX plume existed in the vicinity of the former pit location. Natural attenuation of the BTEX compounds resulted in contaminant degradation to concentrations less than WQCC MCLs. The monitoring results show that WQCC standards for BTEX in ground water have been met for four consecutive quarterly monitoring periods.

FEBRUARY 11, 2002 Mr. BILL OLSON, OCD PAGE 3

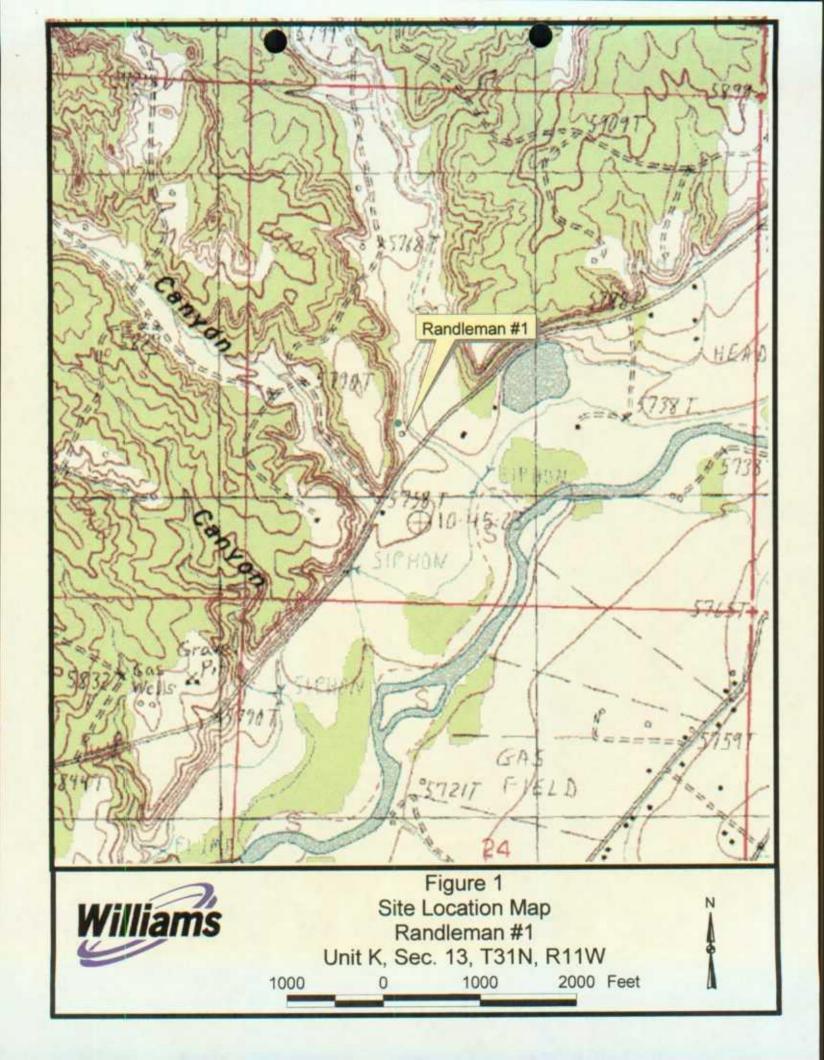
Based on current site conditions, Williams requests approval for closure of the Randleman #1 site. Following receipt of your closure approval we will plug and abandon the monitoring wells in accordance with applicable regulations. Williams appreciates your time in reviewing this site closure request. If you have any questions or require any additional information, please contact me at 505-632-4409 or Jim Struhs, Project Hydrogeologist at 505-632-4457.

Respectfully,

Mark B. Harvey Project Coordinator

Enclosures

c: Mr. Denny Foust, OCD District III, Aztec



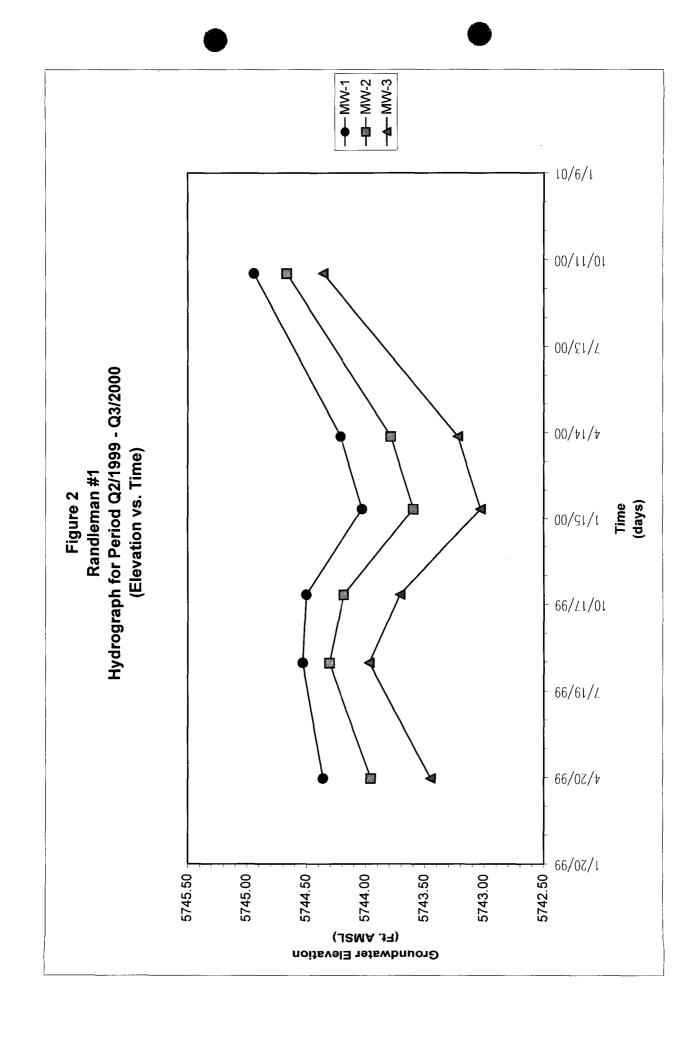


Figure 3. Randleman #1 Potentiometric Surface Map (April 19, 1999)

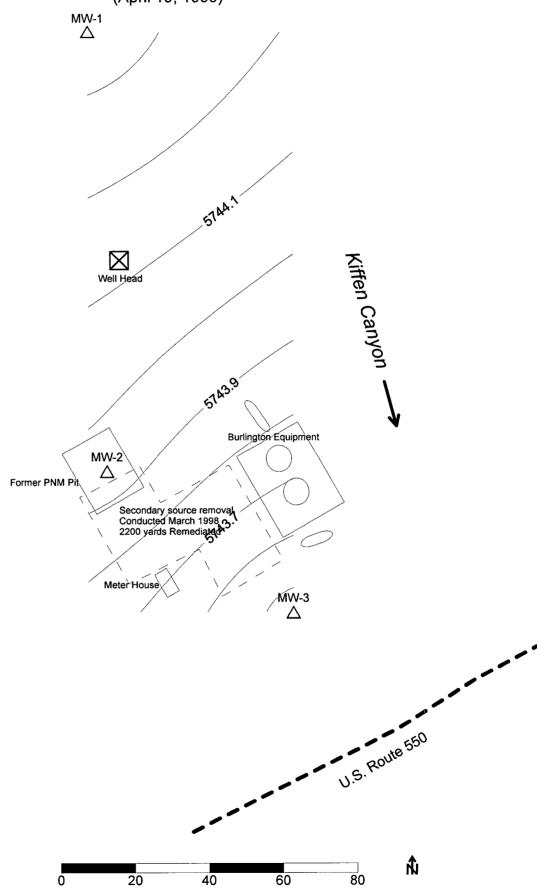


Table 1 Summary of Groundwater Analytical Data Randleman #1 (Q2/1999 - Q3/2000)

			Ana	ilytes (va	lues in uç	g/L)
Well ID	Sample ID	Sample Date	benzene	toluene	ethylbenzene	total xylenes
	NS	19-Apr-99				
	9908171500	17-Aug-99	ND	ND	ND	ND
MW-1	NS	27-Oct-99				
10100-1	NS	25-Jan-00				
	NS	10-Apr-00				
	RAN-UG-MW1	27-Sep-00	ND	ND	ND	ND
	9904191340	19-Apr-99	2.3	ND	ND	ND
	9908171544	17-Aug-99	17.0	ND	5.7	15.6
	9910271235	27-Oct-99	5.0	0.6	0.9	1.5
MW-2	0001251400	25-Jan-00	4.1	8.0	1.9	15.8
	Duplicate	25-Jan-00	2.2	4.9	1.1	10.4
	0004101333	10-Apr-00	5.0	ND	3.1	10.3
	RAN-SA-MW2	27-Sep-00	ND	ND	ND	ND
	9904191406	19-Apr-99	ND	ND	ND	ND
İ	Duplicate	19-Apr-99	ND	ND	ND	ND
MW-3	9908171600	17-Aug-99	260.0	ND	26.0	65.0
(new)	9910271305	27-Oct-99	0.5	ND	ND	ND
(ilew)	0001251425	25-Jan-00	ND	ND	ND	ND
	0004101353	10-Apr-00	ND	ND	ND	ND
	RAN-DG-MW3	27-Sep-00	ND	ND	ND	ND

ND = analyte not detected above method detection limit

NS = well not sampled

2911 ROTARY TERRACE, P.O. BOX 562/ PITTSBURG, KS 66762/(316)232-1970

LABORATORY REPORT:

REFERENCE #:

0010036

SENT WILLIAMS FIELD SERVICES

DATE REPORTED:

10/06/00

TO:

187 CNTY RD #4980

DATE COLLECTED:

09/27/00

DATE RECEIVED:

JIM STRUHS

BLOOMFIELD, NM 87413

10/03/00

P.O. #:

PROJECT:SJA-GW-SITE

Sample ID: RAN-UG-MW-1

Sample Matrix: WATER

Collection Date: 09/27/00 15:21:00

TEST	METHOD-CAS #	RESULT	UNITS	PQL	ANALYZED	EXTRACTED
BTEX	OA1/8021B			3.0		
BENZENE	71-43-2	ND	UG/L	1.0	10/05/00MB	
TOLUENE	108-88-3	ND	UG/L	1.0	10/05/00MB	
ETHYLBENZENE	100-41-4	ND	UG/L	1.0	10/05/00MB	
TOTAL XYLENES	1330-20-7	ND	UG/L	1.0	10/05/00MB	
BFB (SURROGATE)	-	97	125	75		

Sample ID: RAN-SA-MW-2

Collection Date: 09/27/00 16:33:00

Sample Matrix: WATER

TEST	METHOD-CAS #	RESULT	UNITS	PQL	ANALYZED	EXTRACTED
BTEX	OA1/8021B			3.0		
BENZENE	71-43-2	NE	UG/L	1.0	10/05/00MB	
TOLUENE	108-88-3	NE	UG/L	1.0	10/05/00MB	
ETHYLBENZENE	100-41-4	NE	UG/L	1.0	10/05/00MB	
TOTAL XYLENES	1330-20-7	1.13	UG/L	1.0	10/05/00MB	
BFB (SURROGATE)	-	92	125	75		

Sample ID: RAN-DG-MW-3

Sample Matrix: WATER

Collection Date: 09/27/00 17:50:00

TEST	METHOD-CAS #	RESULT	UNITS	PQL	ANALYZED	EXTRACTED
BTEX	OA1/8021B			3.0		
BENZENE	71-43-2	NI	UG/L	1.0	10/05/00MB	
TOLUENE	108-88-3	NI	UG/L	1.0	10/05/00MB	
ETHYLBENZENE	100-41-4	NI	UG/L	1.0	10/05/00MB	
TOTAL XYLENES	1330-20-7	Nï	UG/L	10	10/05/00MB	
BFB (SURROGATE)	-	81.5	5 125	75		

REFERENCE #: 0010036 PAGE: 1

District I P O Box 1980, Hobbs, NM

State of New Mexico Energy, Minerals and Natural Resources Department SUBMIT 1 COPY TO APPROPRIATE DISTRICT OFFICE AND 1 COPY TO SANTA FE OFFICE

ct II J. Drawer DD, Artesia, NM 88221

District III 1000 Rio Brazos Rd, Aztec, NM 87410

OIL CONSERVATION DIVISION

2040 South Pacheco Street Santa Fe, New Mexico 87505

PIT REMEDIATION AND CLOSURE REPORT

Operator:	PNM Gas Services () Telephone:	324-3764		
Address:	603 W. Elm Street Farmington, NM	87401	· · · · · · · · · · · · · · · · · · ·		
Facility or W	ell Name: Randleman #	1 (Burling	la Resource.	s/	
Location:	Unit: K	/3 T. <u>3 / N</u> R.	. // W County	JAn Juan	
Pit Type:	Separator Dehye	drator X Other			
Land Type:	BLM State	Fee X Other			
Pit Location:	Pit dimensions: length	/5 ' width _	/5 depth	3	
(Attach diagrai	n) Reference: wellhead	χ other _			_
	Footage from reference:	95 '			
	Direction from reference:	5 Degrees X	East North	<u></u>	
		<u>.</u>	of West South	<u>X-</u>	
Depth to Grou	contaminants to	Less than 50 feet 50 feet to 99 feet Greater than 100 feet		(20 points) (10 points) (0 points) 20	<u>ツ・</u>
Wellhead Pro (Less than 200 feet from domestic water source, of feet from all other water	a private or, less than 1,000	Yes No		(20 points) (0 points) <u>2</u>	>_
Distance to St (Horizontal distance to ponds, rivers, streams, c canals and ditches	perennial lakes.	Less than 200 feet 200 feet to 1,000 feet Greater than 1,000 feet RANKING SCORE	(TOTAL POINTS) :	(20 points) (10 points) (0 points)	0 0

Date Remediation Started:	4-29-97	7	Date Completed:	5-6-97
Remediation Method:	Excavation		Approx. Cubic Yard	/227
(Check all appropriate	Landfarmed	V	Amount Landfarmed ((cubic yds) 6/3
sections)	Other			
Remediation Location: (i.e., landfarmed onsite, name and location of offsite facility)	Onsite		Offsite $\frac{R_{n}}{S < \epsilon}$	11man # 3
Backfill Material Location	BLM wa	sh		
General Description of Ren	nedial Action:			-
Excaved pit s	KÚ X 4 L X 18'.	Removed	production eg	i pomet
+ excessed to	remove all	Exationali.		
Land land les	site apres.	200 ydi +	Kandkon	4 3 - 413 yds
Ground Water Encountered	ed: No	Yes	I	Depth <u>25</u>
Final Pit Closure Sampling:	Sample Location	m:ddlr	of pit 22	
(if multiple samples, attach sample result and diagram of	Sample depth	22'		
sample locations and depths.)	Sample date	4-30-97	Sample time	0730
	Sample Results			
	Benzene ((ppm)		
	Total BTE	X (ppm)	***	
	Field heads	pace (ppm)		
	ТРН		Method	
Vertical Extent (ft)		Risk Assessn	nent form attached Y	es <u> </u>
Ground Water Sample:	YesX	No 🧃	(If yes, a	attach sample results)
I HEREBY CERTIFY THA KNOWLEDGE AND MY		ION ABOVE IS TRU	E AND COMPLETE TO	O THE BEST OF MY
DATE 5-6-	97	PRINTI AND T	ED NAME Denver Bea	

elev. 5758

Well Name Randleman #/ Pit Dimensions at /5 x /5 x 3 Excavated Cu. Yds. /2 2 7 Feet Center	Operator Burlingles Start Over		T 3/ル scavation Dir メ チレ X Yds.	T T	Cu. Yds.	
Randleman #1 Pit Dimensions at 15 x 15 x 3 Excavated Cu. Yds.	Start Over	13 Ex 40 rburden Cu. 614 PID READI	3/ル xcavation Dir メ <i>ケ</i> レ X Yds.	nensions at E	nd Cu. Yds.	
Pit Dimensions at /5 x /5 x 3 Excavated Cu. Yds.	Over PIT N. Wall	Ex 40 rburden Cu. 614 PID READI	KCAVATION DIN メ	nensions at E	Cu. Yds.	
Pit Dimensions at /5 x /5 x 3 Excavated Cu. Yds.	Over PIT N. Wall	rburden Cu. 614 PID READI	Y 46 X Yds. NGS	/ 8 Spoil C	Cu. Yds.	
Excavated Cu. Yds.	PIT N. Wall	rburden Cu. 6/4 PID READI	Yds. NGS	Spoil C		
1227	PIT N. Wall	614 PID READII	NGS	 		
	N. Wall	PID READI	T	61	13	.1
Feet Center	N. Wall	T	T			
Feet Center	4	S. Wall	F Wall			
l			E. Wan	W. Wali	Soil Type	
3' 300	,	Ø	Ø	16	BINGRY	
6' 1314	6	ø	19	6	clay	BULGRY
9' 1210	Ø	0		8	Clan	BU/617 BIN/617
12' 756	140		39	·	Clay	GAY
15' 898	2/1	112			clay	GAT
18' //00	61	9/	42	92	clay	GAT
2 32 Water 2059					clay	GRY
Composite Sample #		ande 22	970	430075	30	
Location	4	pth		PID Reading		
North Wall						
South Wall					-	
East Wall						
West Wall						
Pit Bottom						
Land Farm Location:	On sil	e 200	y ds			
Randleman # 3	Sec. 13,311					
Back Fill Location:	BLMW	154				
Comments:]

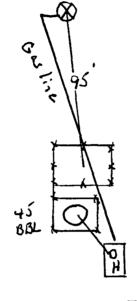
1400 hrs. H2D at 22'

RAndleman # /
Burling ton Resources
Sec. 13, 31N, 11W, K

4-29-97

5° E of South

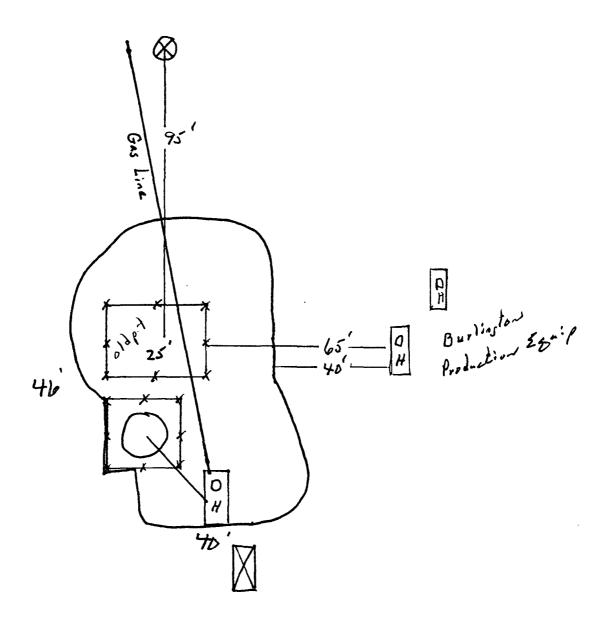
Start of Excavation:



X

RANdeman #1
Burlington Resources
Sec. 13,31N,11W, K

End of Excavation:



Average depth 18'

40x46x 18 = 1227 yds
614 overbarden
613 spoil



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:

Denver Bearden

Date: 20-Jun-97

Company: PNM Gas Services

COC No.:

5155

14955

Address:

603 W. Elm

Sample No.:

City, State: Farmington, NM 87401

Job No.:

2-1000

Project Name:

PNM Gas Services - Randleman #1 Landfarm

Project Location:

9706160900; 10pt. Composite RH

Date:

16-Jun-97 Time:

9:00

Sampled by: Analyzed by:

DC/HR

Date:

19-Jun-97

Sample Matrix:

Soil

Laboratory Analysis

Parameter	Results as	Unit of	Limit of	Unit of
	Received	Measure	Quantitation	Measure
Diesel Range Organics (C10 - C28)	6	mg/kg	5	mg/kg

ND - Not Detected at Limit of Quantitation

Quality Assurance Report

DRO QC No.: 0548-STD

Continuing Calibration Verification

	and attor von	110011011				
	Method	Unit of	True	Analyzed		RPD
Parameter	Blank	Measure	Value	Value	RPD	Limit
1		•				
Diesel Range (C10 - C28)	ND	ppm	200	195	2.5	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
Diesel Range (C10-C28)	88	95	(70-130)	9	20%

Method - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by:
Date: 6/2e/37

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:

Denver Bearden

Date:

19-Jun-97

Company: PNM Gas Services

COC No.:

5155

Address:

Sample No.:

14955

City, State: Farmington, NM 87401

603 W. Elm

Job No.:

2-1000

Project Name:

PNM Gas Services - Randleman #1 Landfarm

Project Location:

9706160900; 10pt. Composite

Date:

16-Jun-97 Time:

9:00

Sampled by: Analyzed by: RH HR

Date: 18-Jun-97

Sample Matrix:

Soil

Laboratory Analysis

		Results	Unit of	Limit of	Unit of
Parameter		as Received	Measure	Quantitation	Measure
<i>Q</i>		ND	#		
Benzene		ND	ug/kg	<u> </u>	ug/kg
Toluene		2	ug/kg	1	ug/kg
Ethylbenzene		ND	ug/kg	1	ug/kg
m,p-Xylene		1	ug/kg	1	ug/kg
o-Xylene		4	ug/kg	1	ug/kg
	TOTAL	8	ug/kg		

ND - Not Detected at Limit of Quantitation

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

Approved by:

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: 18-Jun-97

Internal QC No.:

0527-STD

Surrogate QC No.:

0528-STD

Reference Standard QC No.: 0529/30-QC

Method Blank

		Units of
Analyte	Result	Measure
Average Amount of All Analytes In Blank	<1.0	ppb

Calibration Check

	Units of	True	Analyzed		Limit
Analyte	Measure	Value	Value	% Diff	
Benzene	ppb	20.0	21.0	5	15%
Toluene	ppb	20.0	22.2	11	15%
Ethylbenzene	ppb	20.0	21.7	9	15%
m,p-Xylene	ppb	40.0	41.6	4	15%
o-Xylene	ppb	20.0	21.7	8	15%

Matrix Spike

Analyte	1- Percent Recovered			%RSD	Limit	
Benzene	96	92	(39-150)	3	20%	
Toluene	90	85	(46-148)	4	20%	
Ethylbenzene	76	71	(32-160)	5	20%	
m,p-Xylene	72	65	(35-145)	6	20%	
o-Xylene	78	75	(35-145)	3	20%	

Surrogate Re	ecoveries				
	S1 Percent	S2 Percent		S1 Percent	S2 Percent
Laboratory Identification	Recovered	Recovered	Laboratory Identification	Recovered	Recovered
Limit Percent Recovery	(70-130)		Limit Percent Recovery	(70-130)	
S1: Flourobenzene			S1: Flourobenzene		
14955-5155	94				
				43.0	
				UM 6/23/97	6/19/97



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:

Denver Bearden

Date:

20-Jun-97

Company: PNM Gas Services

COC No.:

5157

Address:

603 W. Elm

Sample No.:

14957

City, State: Farmington, NM 87401

Job No.:

2-1000

Project Name:

PNM Gas Services - Randleman #3 Landfarm

Project Location:

9706160930; 10pt. Composite

Date:

16-Jun-97 Time:

9:30

Sampled by: Analyzed by: RH DC/HR

Date:

19-Jun-97

Sample Matrix:

Soil

Laboratory Analysis

Parameter	Results as	Unit of	Limit of	Unit of
	Received	Measure	Quantitation	Measure
Diesel Range Organics (C10 - C28)	8	mg/kg	5	mg/kg

ND - Not Detected at Limit of Quantitation

Quality Assurance Report

DRO QC No.: 0548-STD

Continuing Calibration Verification

	Method	Unit of	True	Analyzed		RPD
Parameter	Blank	Measure	Value	Value	RPD	Limit
Diesel Range (C10 - C28)	ND	ppm	200	195	2.5	15%

Matrix Spike

	1- Percent	2 - Percent			RPD
Parameter	Recovered	Recovered	Limit	RPD	Limit
Diesel Range (C10-C28)	88	95	(70-130)	9	20%

Method - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by: C/20/97

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:

Denver Bearden

Date:

19-Jun-97

Company: PNM Gas Services

COC No.:

5157

Address:

Sample No.:

14957

City, State: Farmington, NM 87401

603 W. Elm

Job No.:

2-1000

Project Name:

Project Location:

PNM Gas Services - Randleman # Landfarm

9706160930; 10pt. Composite

Date:

16-Jun-97 Time:

9:30

Sampled by: Analyzed by: RH HR

Date:

18-Jun-97

Sample Matrix:

Soil

Laboratory Analysis

Parameter		Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
Benzene		ND	ug/kg	1	ug/kg
Toluene		1	ug/kg	1	ug/kg
Ethylbenzene		ND	ug/kg	1	ug/kg
m,p-Xylene		1	ug/kg	1	ug/kg
o-Xylene		1	ug/kg	1	ug/kg
	TOTAL	4	ug/kg		

ND - Not Detected at Limit of Quantitation

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

Approved by:

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: 18-Jun-97

Internal QC No.:

0527-STD

Surrogate QC No.:

0528-STD

Reference Standard QC No.: 0529/30-QC

Method Blank

		Units of
Analyte	Result	Measure
Average Amount of All Analytes In Blank	<1.0	ppb

Calibration Check

	Units of	True	Analyzed		Limit
Analyte	Measure	Value	Value	% Diff	
Benzene	ppb	20.0	21.0	5	15%
Toluene	ppb	20.0	22.2	11	15%
Ethylbenzene	ppb	20.0	21.7	9	15%
m,p-Xylene	ppb	40.0	41.6	4	15%
o-Xylene	ppb	20.0	21.7	8	15%

Matrix Snike

IVIAUIX		Y			
Analyte	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Benzene	96	92	(39-150)	3	20%
Toluene	90	85	(46-148)	4	20%
Ethylbenzene	76	71	(32-160)	5	20%
m,p-Xylene	72	65	(35-145)	6	20%
o-Xylene	78	75	(35-145)	3	20%

Surrogate Recoveries

Surrogate K					
i	<i>S1</i>	S2		S1	S2
	Percent	Percent		Percent	Percent
Laboratory Identification	Recovered	Recovered	Laboratory Identification	Recovered	Recovered
Limit Percent Recovery	(70-130)		Limit Percent Recovery	(70-130)	
S1: Flourobenzene			S1: Flourobenzene		
14957-5157	97				
				DIR.	(pc)
				6/23/97	4/19/97