



BRUCE KING
GOVERNOR

State of New Mexico
ENVIRONMENT DEPARTMENT
Harold Runnels Building
1190 St. Francis Drive, P.O. Box 26110
Santa Fe, New Mexico 87502
(505) 827-2850

Steve

JUDITH M. ESPINOSA
SECRETARY
RON CURRY
DEPUTY SECRETARY

MEMORANDUM

TO: File

FROM: Jane Cramer, Technical Program *Jane Cramer*

THROUGH: *BT* Benito Garcia, Bureau Chief,
Ed Horst, Program Manager, and *SA*
Steve Alexander, Technical Supervisor

DATE: December 14, 1992

RE: New Mexico Environment Department (NMED)
private well sampling in the vicinity of
Public Service Company of New Mexico-Person
Station (PNM) RCRA unit.

NMED inventoried and sampled selected wells, in the vicinity of a known volatile organic compound (VOC) plume at PNM. The first objective of the sampling was to determine whether any contaminated groundwater is being utilized for consumption within a one-mile radius of PNM. The secondary objective was to assist in delineating the lateral and vertical extent of the VOC plume.

Dan Vigil (NMED, District I), and myself, sampled wells located at the five businesses listed on Attachment A. Sampling took place on Wednesday, December 9, 1992. Samples were taken at the tap to determine whether drinking water was contaminated. Two samples were taken from each location; the first was taken when the water was turned on to sample stagnant water in the system; the second was taken after the water was allowed to run from 3 to 5 minutes.

Samples were designated using the PNM well reference number followed by 1S for the stagnant sample and 2 for the second sample. Sample IDs are shown on Attachment A. Samples were delivered to Analytical Technologies, Inc., Albuquerque, for analysis on December 9, 1992. Sample results will be sent attention Steve Alexander and labelled under project PNMDEC9. Results of chemical analyses will be available December 23, 1992.



CHAIN OF CUSTODY

DATE: 12-9-92 PAGE 1 OF 2

ATI LAB I.D. 212326

PLEASE FILL THIS FORM IN COMPLETELY. SHADED AREAS ARE FOR LAB USE ONLY.

PROJECT MANAGER: Steve Alexander

COMPANY: NMED

ADDRESS: PO 26110
Santa Fe, NM 87502

PHONE: 505 827 4313

FAX: 505 827 4361

BILL TO: _____

COMPANY: _____

ADDRESS: _____

SAMPLE ID	DATE	TIME	MATRIX	LAB ID
PNM-13-1S	12/9/92	9:50	uul	1
PNM-13-2		9:52		2
PNM 25-1S		10:17		3
PNM 25-2		10:17		4
PNM 85-1S		11:07		5
PNM 85-2		11:10		6
PNM 83-1S		11:15		7
PNM 83-2	✓	11:18	✓	8

ANALYSIS REQUEST													NUMBER OF CONTAINERS				
Petroleum Hydrocarbons (418.1) (MOD 8015) Gas/Diesel	Diesel/Gasoline/BTXE/MTBE (MOD 8015/8020) BTXE/MTBE (8020)	Chlorinated Hydrocarbons (601/6010)	Aromatic Hydrocarbons (602/8020)	SDWA Volatiles (502.1/503.1), 502.2 Reg. & Unreg.	Pesticides/PCB (608/8080)	Herbicides (615/8150)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Volatile Organics GC/MS (624/8240)	Polynuclear Aromatics (610/8310)	SDWA Primary Standards - Arizona	SDWA Secondary Standards - Arizona	SDWA Primary Standards - Federal		SDWA Secondary Standards - Federal	The 13 Priority Pollutant Metals	RCRA Metals by Total Digestion	RCRA Metals by TCLP (1311)
																	1
																	2
																	3
																	4
																	5
																	6
																	7
																	8

PROJECT INFORMATION		SAMPLE RECEIPT	
PROJ. NO.: <u>PNMDEC9</u>	NO. CONTAINERS: <u>16</u>	CUSTODY SEALS: <u>(Y) NINA</u>	RECEIVED INTACT: <u>Y</u>
PROJ. NAME: <u>PNM DEC 9</u>	RECEIVED COLD: <u>Y</u>	PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS	
P.O. NO.:	(RUSH) <input type="checkbox"/> 24hr <input type="checkbox"/> 48hr <input type="checkbox"/> 72hr <input type="checkbox"/> 1 WEEK (NORMAL) <input checked="" type="checkbox"/> 2 WEEK		
SHIPPED VIA:	Comments:		

SAMPLED & RELINQUISHED BY: 1.		RELINQUISHED BY: 2.		RELINQUISHED BY: 3.	
Signature: <u>[Signature]</u>	Time: <u>12:00</u>	Signature: <u>[Signature]</u>	Time: <u>12:00</u>	Signature:	Time:
Printed Name: <u>Jane [Name]</u>	Date: <u>12/9/92</u>	Printed Name: <u>LANIEL VIGIL</u>	Date: <u>12/9/92</u>	Printed Name:	Date:
Company: <u>NMED</u>	Phone: <u>827 4313</u>	Company: <u>NMED</u>		Company:	
RECEIVED BY: 1.		RECEIVED BY: 2.		RECEIVED BY: (LAB) 3.	
Signature:	Time:	Signature:	Time:	Signature: <u>[Signature]</u>	Time: <u>12:00</u>
Printed Name:	Date:	Printed Name:	Date:	Printed Name: <u>[Name]</u>	Date: <u>12/9/92</u>
Company:		Company:		Analytical Technologies, Inc.	



CHAIN OF CUSTODY

DATE: Dec 9, 1992 PAGE 2 OF 2

ATI LAB ID. 212326

PLEASE FILL THIS FORM IN COMPLETELY. SHADED AREAS ARE FOR LAB USE ONLY.

PROJECT MANAGER: Steve Alexander

COMPANY: NMED

ADDRESS: PO 26110
Albuquerque NM 87502

PHONE: 505 827 4313

FAX: 505 827 4361

BILL TO: SAHD

COMPANY: _____

ADDRESS: _____

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Petroleum Hydrocarbons (418.1)	(MOD 8015) Gas/Diesel	Diesel/Gasoline/BTXE/MTBE (MOD 8015/8020)	BTXE/MTBE (8020)	Chlorinated Hydrocarbons (60/8010)	Aromatic Hydrocarbons (602/8020)	SDWA Volatiles (502.1/503.1), 502.2 Reg. & Unreg.	Pesticides/PCB (608/8080)	Herbicides (615/8150)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Volatile Organics GC/MS (624/8240)	Polynuclear Aromatics (610/8310)	SDWA Primary Standards - Arizona	SDWA Secondary Standards - Arizona	SDWA Primary Standards - Federal	SDWA Secondary Standards - Federal	The 13 Priority Pollutant Metals	RCRA Metals by Total Digestion	RCRA Metals by TCLP (1311)
PNM-NM-15	12/9/92	11:27	water	9					X														
PNM-NM-2	↓	11:32	water	10					X														
PNM-TB-1	↓	11:50	water	11					X														

PROJECT INFORMATION		SAMPLE RECEIPT	
PROJ. NO.: <u>PNM DEC 9</u>	NO. CONTAINERS: <u>5</u>	CUSTODY SEALS: <u>DININA</u>	RECEIVED INTACT: <u>Y</u>
PROJ. NAME: <u>PNM DEC 9</u>	RECEIVED COLD: <u>Y</u>	PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS	
P.O. NO.:	(RUSH) <input type="checkbox"/> 24hr <input type="checkbox"/> 48hr <input type="checkbox"/> 72hr <input type="checkbox"/> 1 WEEK		
SHIPPED VIA:	(NORMAL) <input checked="" type="checkbox"/> 2 WEEK		
Comments: <u>weather - clear, cold</u>			

SAMPLED & RELINQUISHED BY: 1.		RELINQUISHED BY: 2.		RELINQUISHED BY: 3.	
Signature: <u>[Signature]</u>	Time: <u>12:00 noon</u>	Signature: <u>[Signature]</u>	Time: <u>12:00</u>	Signature:	Time:
Printed Name: <u>Jake [Name]</u>	Date: <u>12/9/92</u>	Printed Name: <u>DANIEL VIGIL</u>	Date: <u>12/9/92</u>	Printed Name:	Date:
Company: <u>NMED</u>	Phone: <u>827 4313</u>	Company: <u>NMED</u>		Company:	

RECEIVED BY: 1.		RECEIVED BY: 2.		RECEIVED BY: (LAB) 3.	
Signature:	Time:	Signature:	Time:	Signature:	Time:
Printed Name:	Date:	Printed Name:	Date:	Printed Name:	Date:
Company:		Company:		Company: <u>Analytical Technologies, Inc.</u>	