

Pnm90

**PNM**

**PUBLIC SERVICE COMPANY OF NEW MEXICO**

ALVARADO SQUARE ALBUQUERQUE, NEW MEXICO 87158

July 11, 1990

Hand Delivered

Ms. Julie Wanslow  
New Mexico Environmental  
Improvement Division  
1190 St. Francis Drive  
Santa Fe, NM 87503



Dear Ms. Wanslow:

Subject: Information Relevant to Meeting of  
July 11, 1990 Regarding Soil Gas Survey  
and Ground Water Sampling Conducted at  
Person Generating Station, April-May 1990

Enclosed with this letter are miscellaneous materials relevant to the proposed discussion of our meeting on July 11, 1990, regarding various issues surrounding the current administrative order for additional assessment work at Person Generating Station.

Specifically included with this letter are:

- Soil Gas Survey Report. "Shallow Soil Gas Investigation, Person Generating Station, Albuquerque, New Mexico", May 1990. Tracer Research Corporation.
- Ground Water Sampling Data, Laboratory Reports. ATI Work Order Numbers 004743 and 004710, Appendix IX sampling at PSMW-1, 3B, 5, 6, 7, 8A, and 8B, April 1990.
- Summary of Ground Water Sampling Results for Organics. Table of organic constituents detected in April 1990 sampling.
- Graphs of Chromium and Lead concentrations in ground water sampled in April 1990.
- Graphs of historical sampling results for PCE, DCE, and TCA at PSMW-1, 3B, 6, 8A, and 8B.
- Graph of ground water flow direction at Person Generating Station for 1984 through 1990.

Sincerely,

Ron D. Johnson  
Sr. Environmental Scientist

RDJ:krl  
Enclosures

Further as located in Magazine File Holder titled

**Summary of Ground Water Sampling Results for Organics  
Person Generating Station  
April 1990**

(Constituents Present Above Analytical Detection Limit)

Well ID: Constituent	Concentration (ug/l)						
	PSMW-1	PSMW-3B	PSMW-5	PSMW-6	PSMW-7	PSMW-8A	PSMW-8B
1,1-Dichloroethene	156	ND	ND	ND	ND	78	ND
Chloroform	3	ND	ND	2	ND	2	ND
1,1,1-Trichloroethane	177	ND	ND	ND	ND	27	ND
Trichloroethene	1	ND	ND	ND	ND	1	ND
Tetrachloroethene	490	ND	ND	3	ND	80	ND
Isobutyl Alcohol	ND	ND	ND	54	ND	ND	ND
Bis(2-ethylhexyl) Phthalate	ND	59	ND	ND	ND	12	ND

Notes:

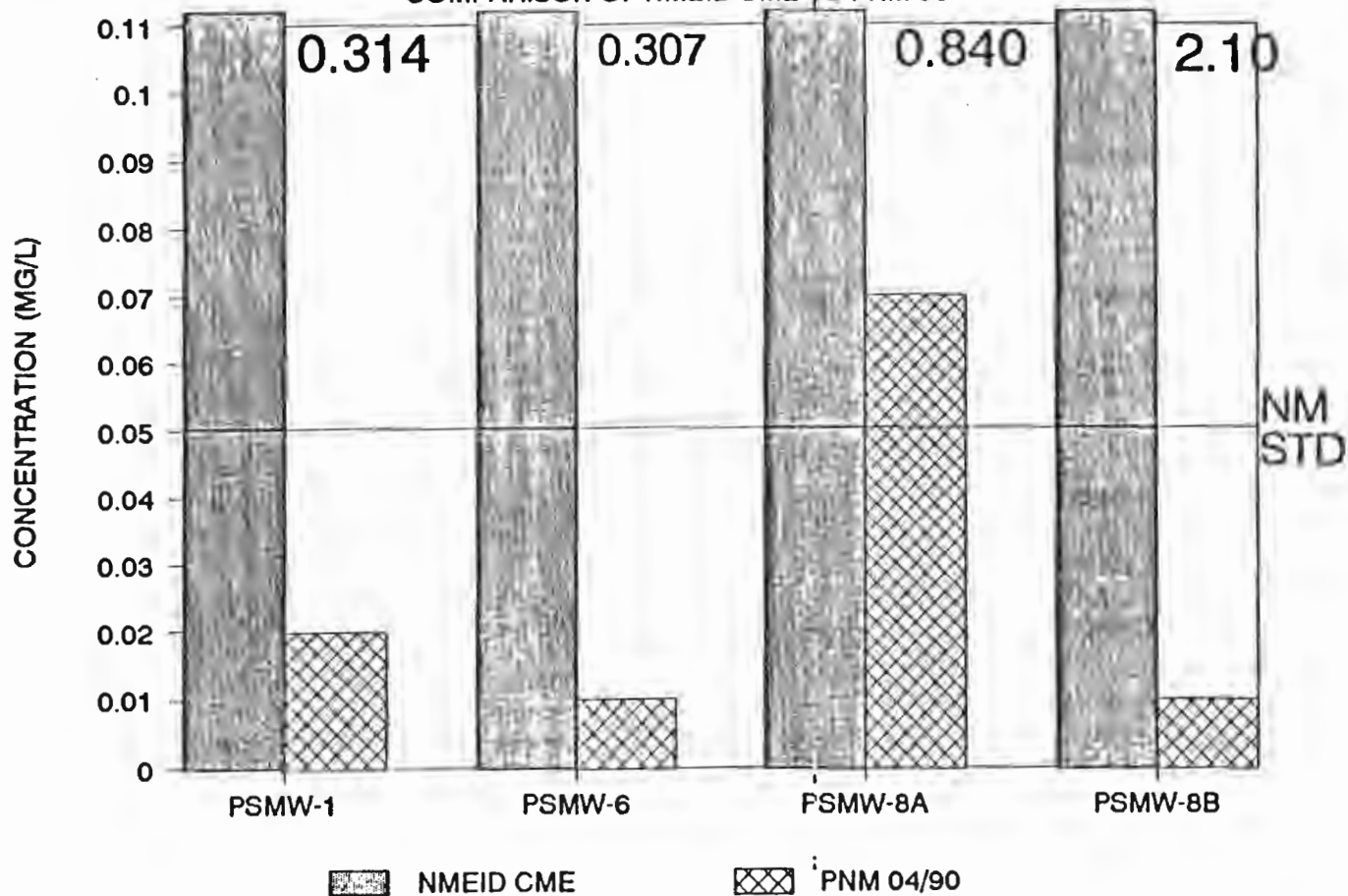
ND = Not Detected

Above results represent the only organic compounds detected from the 40 CFR 264 Appendix IX list of compounds from ground water sampling conducted April 24 and April 26, 1990. Scan includes the following methods and descriptions:

- EPA 8240 - Volatile Organics
- EPA 8150 - Chlorinated Herbicides
- EPA 8140 - Organophosphorus Pesticides
- EPA 8080 - Organochlorine Pesticides and PCBs
- EPA 8270 - Semi-Volatile Organics
- EPA 625 - SIM Technique for 2,3,7,8-TCDD

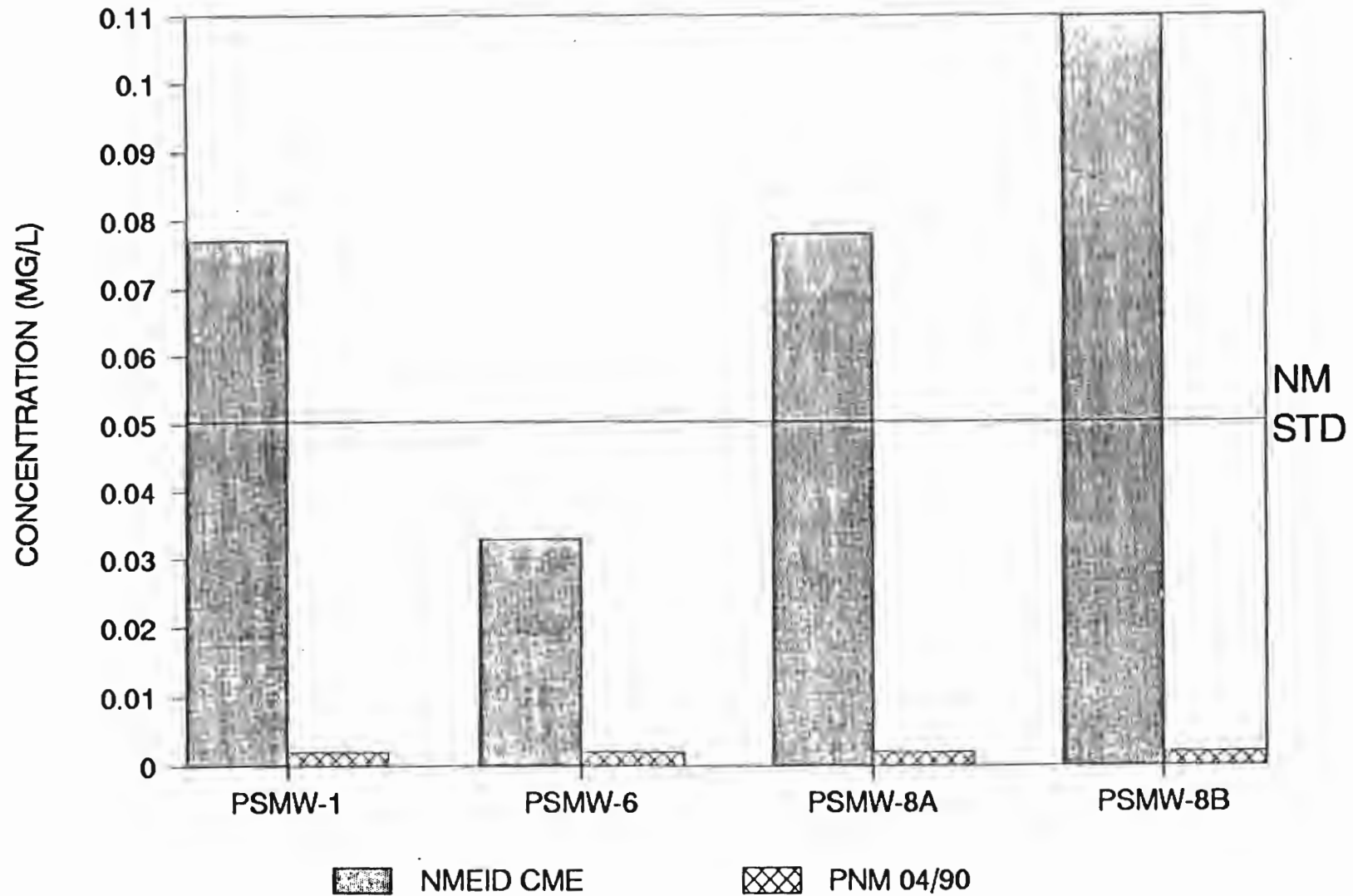
# CHROMIUM IN GROUNDWATER

COMPARISON OF NMEID CME VS PNM'90



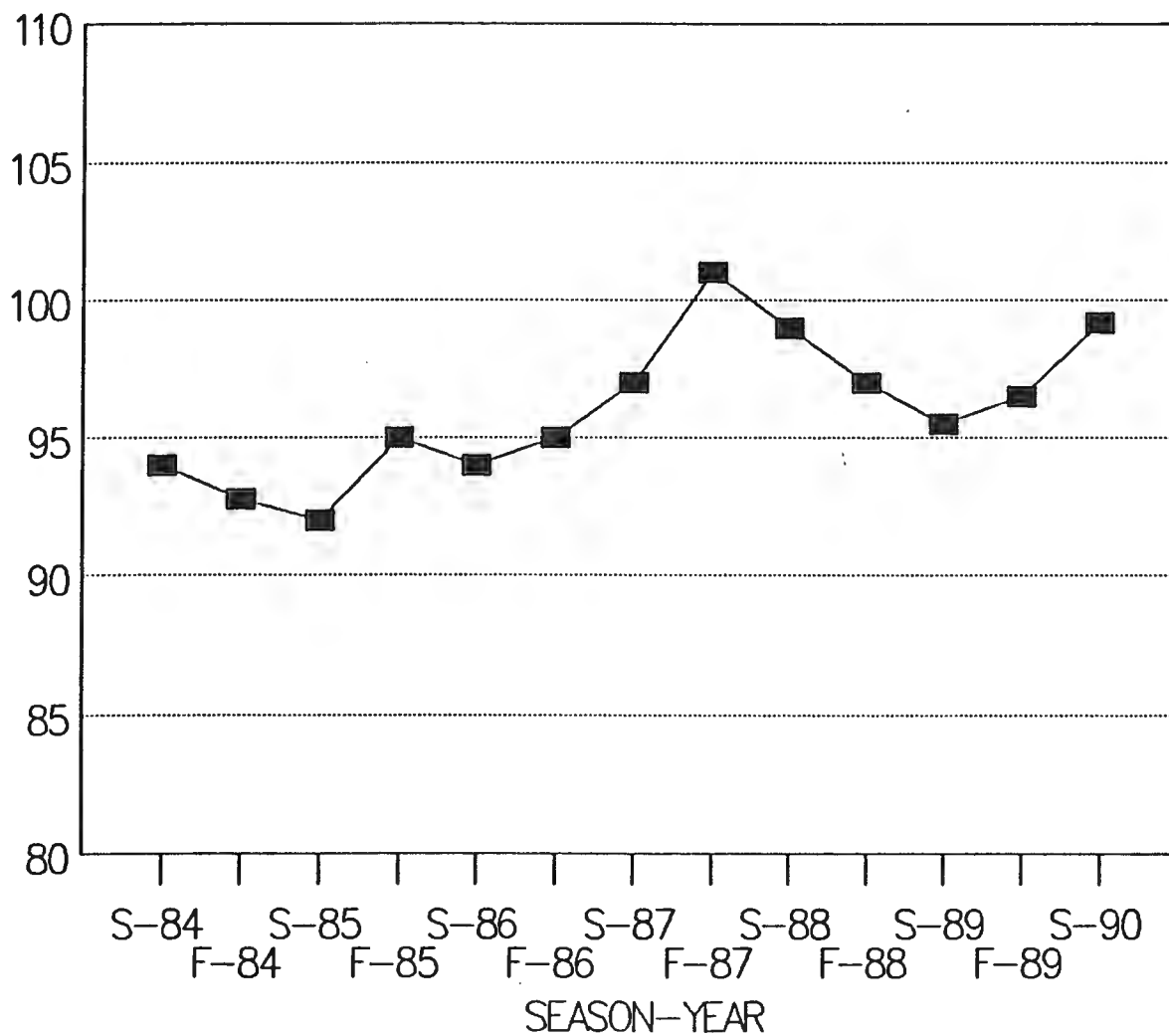
# LEAD IN GROUNDWATER

COMPARISON OF NMEID CME VS PNM'90



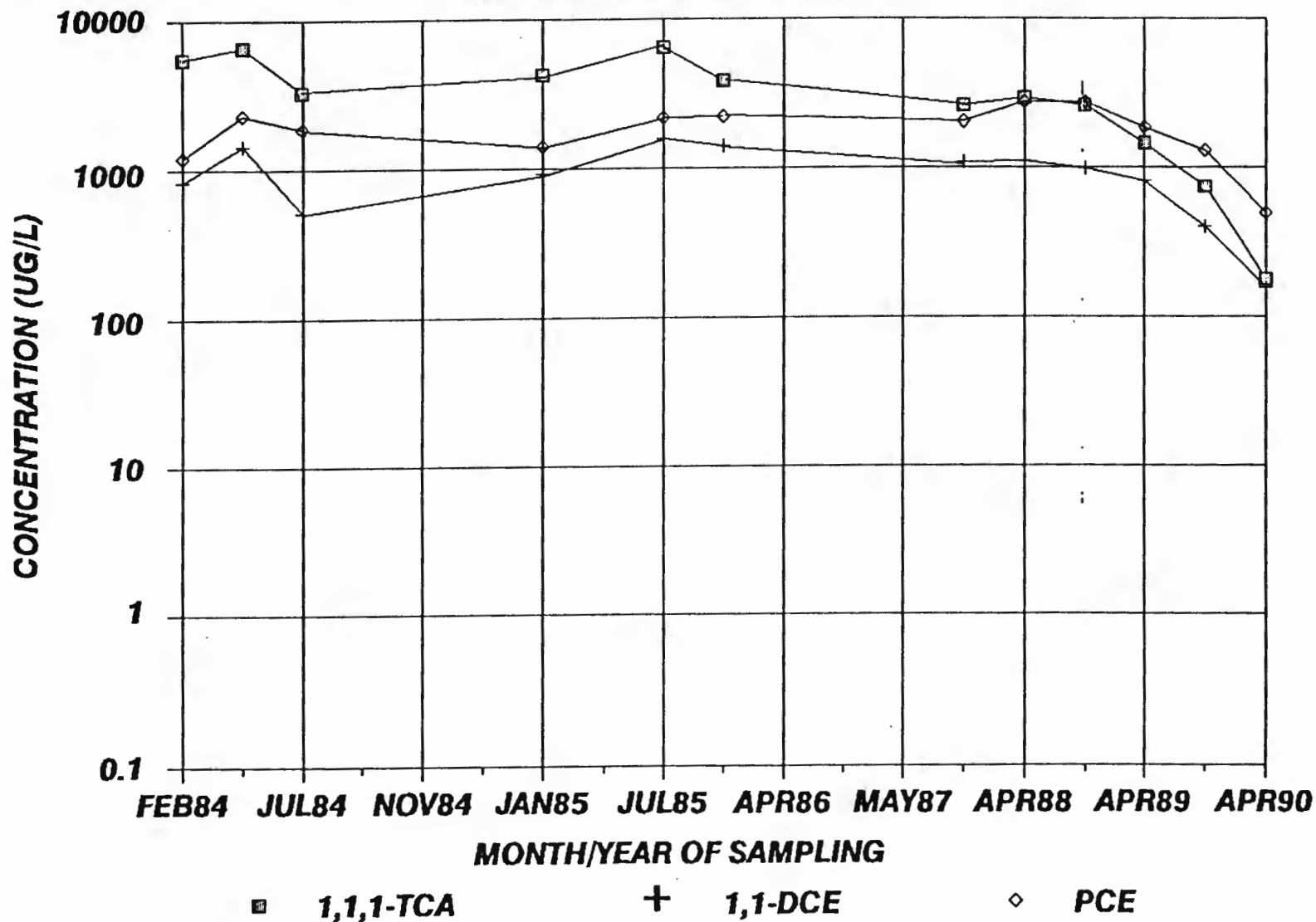
# GROUND WATER FLOW DIRECTION PERSON GENERATING STATION

DIRECTION FROM TRUE NORTH



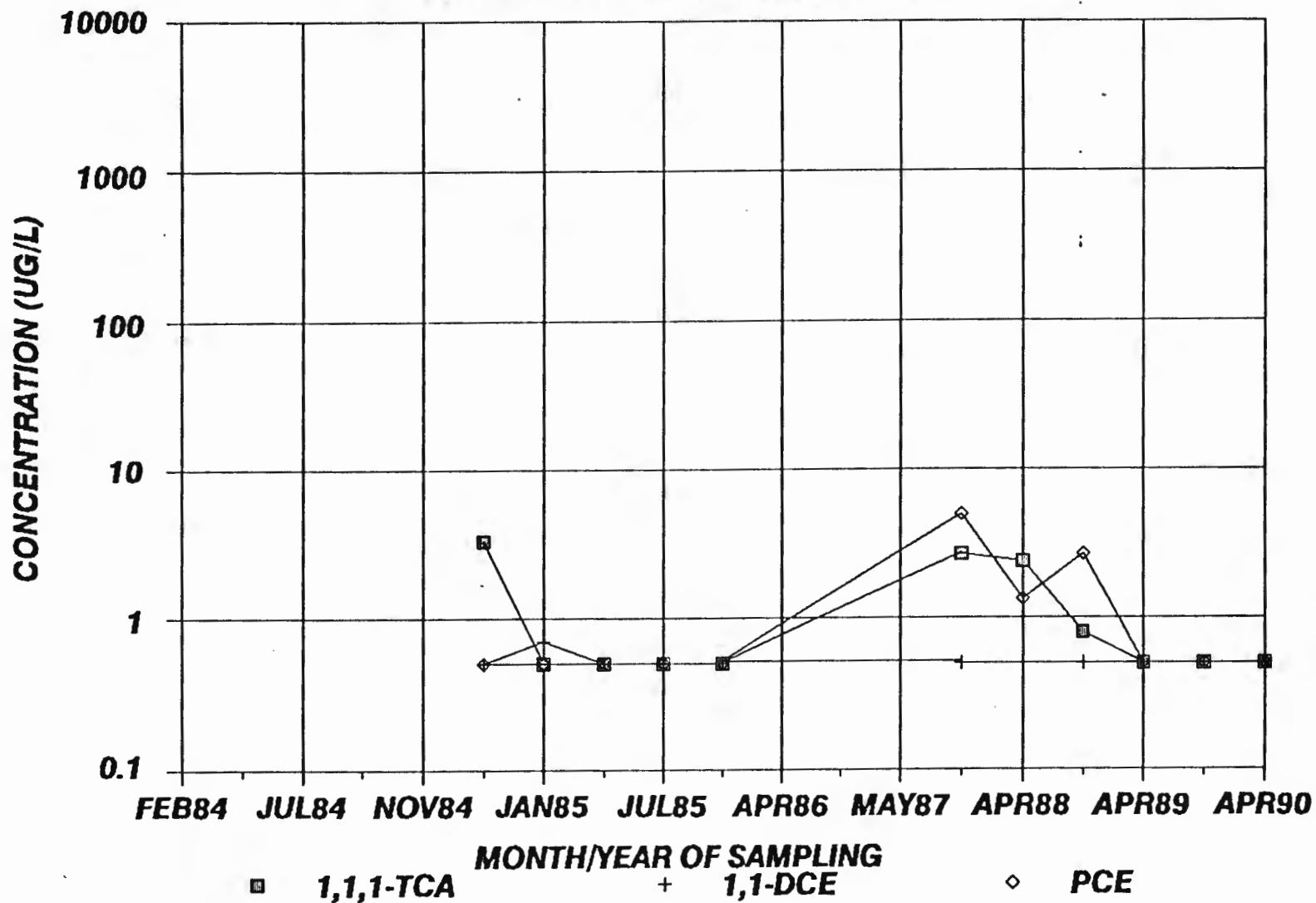
# PUBLIC SERVICE COMPANY OF NEW MEXICO

PERSON STATION GW WELL NO. 1



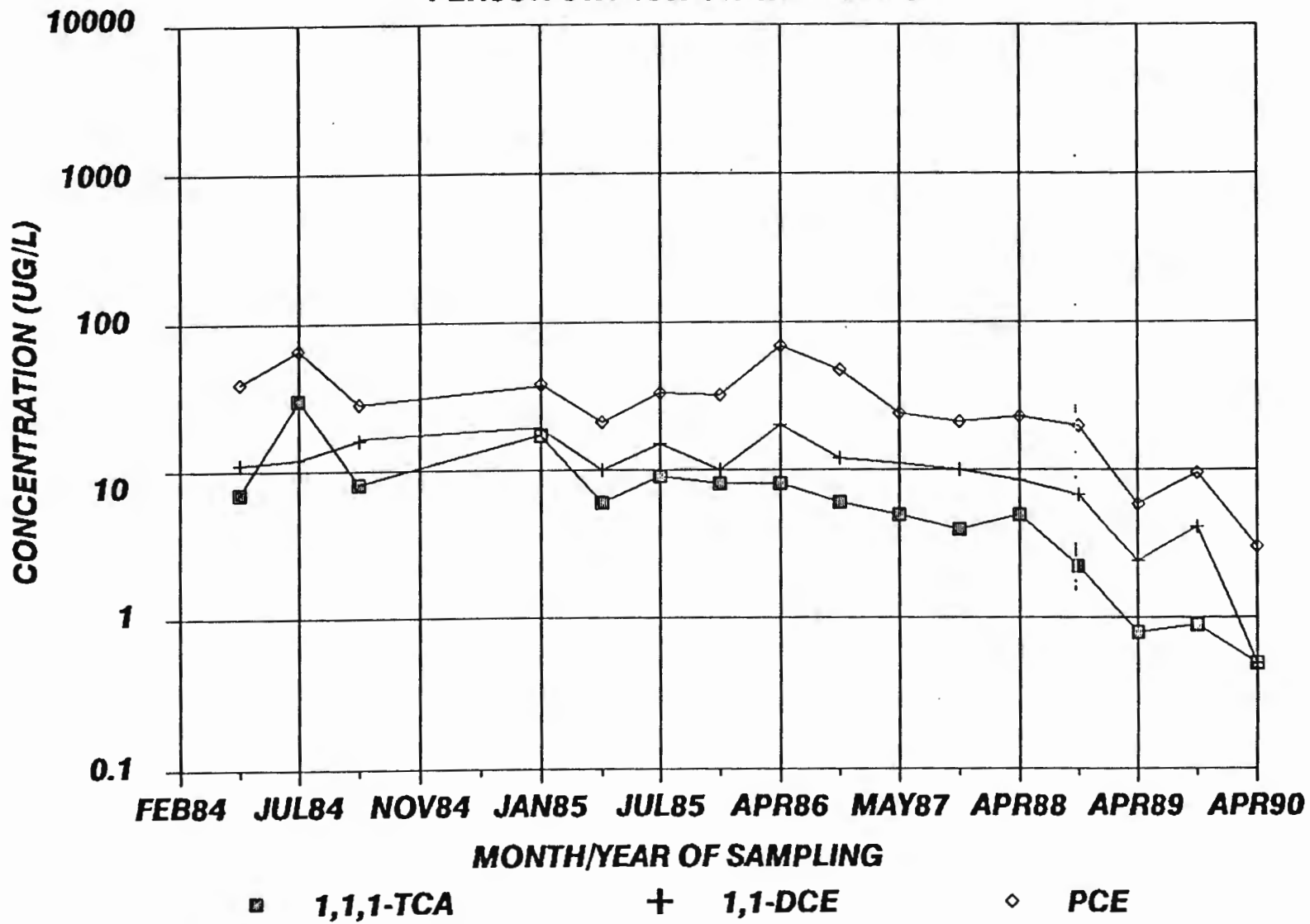
# PUBLIC SERVICE COMPANY OF NEW MEXICO

PERSON STATION GW WELL NO. 3B



# PUBLIC SERVICE COMPANY OF NEW MEXICO

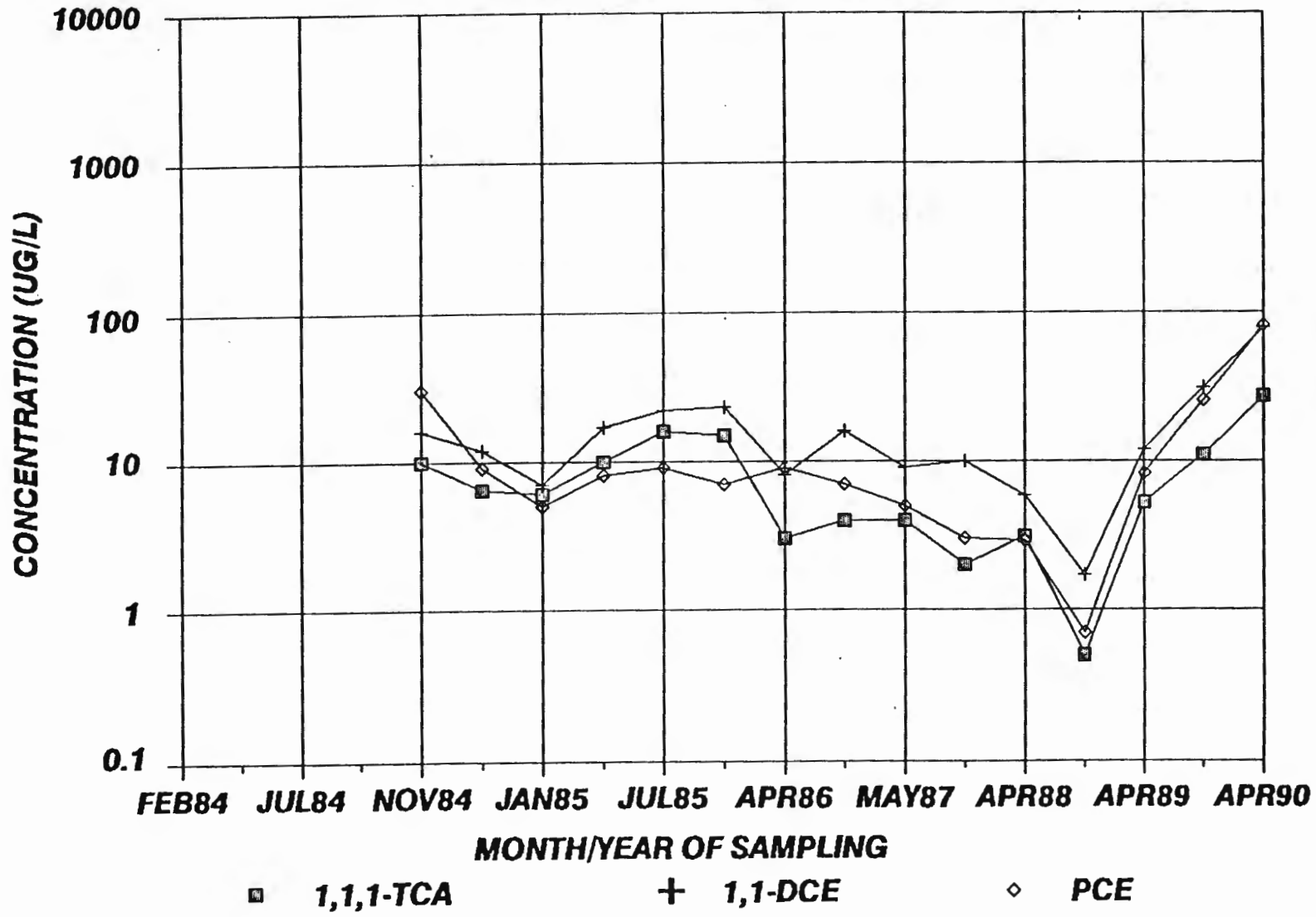
PERSON STATION GW WELL NO. 6





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PERSON STATION GW WELL NO. 8A



# PUBLIC SERVICE COMPANY OF NEW MEXICO

PERSON STATION GW WELL NO. 8B

