



BRUCE KING
GOVERNOR

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

JUDITH M. ESPINOSA
SECRETARY

RON CURRY
DEPUTY SECRETARY

April 28, 1992

Mr. Max Maes
LANL - Group EM-8
Los Alamos, NM 87544
(505) 667-0817

Dear Mr. Maes,

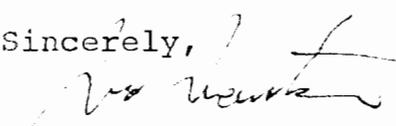
As we had discussed at the EPA sampling course, this letter serves as a request by Hazardous and Radioactive Materials Bureau (HRMB) to tour all existing water monitoring systems at Los Alamos National Laboratory (LANL). HRMB is presently reviewing the current water monitoring system at LANL. Surface water stations (regional, perimeter, and on-site stations), springs, production wells, monitoring wells, and exploratory wells are being investigated.

A tour of the LANL water monitoring system would greatly aid in our understanding of the environmental surveillance that is being conducted at LANL thereby strengthening the communication between LANL and NMED. Correspondence between LANL and NMED could reduce overall spending and increase efficiency when examining water monitoring issues.

Please find enclosed a list of water monitoring data that the HRMB would like to request. A tentative tour date of June 18th, 1992 is proposed. If you have any questions regarding this matter please contact Ms. Teri Davis of my staff at (505) 827-4300.

Thank you for your interest and cooperative effort.

Sincerely,


Bruce Swanton
Supervisor RCRA Technical Section

ELH:td

cc: Bruce Swanton, Supervisor RCRA Technical Section
Teri Davis, RCRA Technical Section



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WATER MONITORING DATA LIST

Production - Monitoring Wells:

- 1) Locations (New Mexico Coordinate System)
- 2) Well Design/Construction
 - a. Date drilled
 - b. Elevation
 - c. Drilling method
 - d. Well specifications
 - e. Well depth
 - f. Well development method
 - h. Pump specifications
 - i. Deviation record
- 3) Well Maintenance
 - a. Disinfecting frequency - history
 - b. Check for well efficiency
 - c. Check on total depth
- 4) Well Logs
 - a. Driller's Log
 - b. Core - Sampling Log
 - c. Geophysical Log(s)
- 5) Sampling History
 - a. Sampling Frequency
 - b. Sampling Parameters
 - c. Sampling Methodology
 - d. Sampling Data
- 6) Waterlevel Measurements
 - a. Measurement Frequency
 - b. Measurement Procedures
 - c. Measurement Data
- 7) Aquifer Characterization (ie. pumping tests performed)
(all history or records available)

Exploratory Wells:

- 1) Locations (New Mexico Coordinate System)
- 2) Well Design/Construction
 - a. Date drilled
 - b. Elevation
 - c. Drilling method
 - d. Well specifications
 - e. Well depth
 - i. Deviation record

- 3) Well Logs
 - a. Driller's Log
 - b. Core - Sampling Log
 - c. Geophysical Log(s)

- 4) Aquifer Characterization (ie. pumping tests performed)
(all history or records available)

Surface-Water Stations and Springs:

- 1) Locations (New Mexico Coordinate System)
- 2) Sampling History
 - a. Sampling Frequency
 - b. Sampling Parameters
 - c. Sampling Methodology
 - d. Sampling Data

- 3) Flow Measurements
 - a. Measurement Frequency
 - b. Measurement Procedures
 - c. Flow Measurement Data
 - d. Temperatures recorded

- 4) Other Information
 - a. Name of Geologic Formation
 - b. Elevation
 - c. Gaging Station Specifications