Lee

November 17.

Agenda Items
Other Big Questions
Existing Strat Sections
Test wells 4 & 8
tritium
& Temp
results.
ER wells in canyons & Eng inter group drilling.

MEMORANDUM

TO: NMED RCRA/AIP STAFF

FROM: TD Teri Davis, RCRA Technical Compliance Program

THROUGH: Ronald A. Kern, RAK Technical Compliance Program Manager

DATE: October 5, 1994

SUBJECT: NMED RCRA/AIP Meeting to Discuss DOE's Ground Water Protection Management Program Plan Upcoming Meeting (October 20, 1994)

A meeting has been scheduled to develop continuity between NMED RCRA/AIP on ground water monitoring requirements at LANL. At the last GWPMPP meeting held August 25, 1994 in which NMED AIP, NMED RCRA, LANL, and DOE representatives were present, it was apparent that NMED was divided in its opinion of how DOE should proceed to develop an adequate ground-water monitoring system at LANL. Since RCRA has been tasked with performing a hydrogeologic evaluation at LANL, it would be advantageous to begin developing some consensus on NMED's general concerns on this matter.

It is generally agreed that the existing system is inadequate. It is RCRA Technical Compliance's opinion that the DOE's GWPMPP lacks fundamental data quality objectives and performance standards (e.g. criteria for well locations). At the last GWPMPP meeting, it was stated by LANL, that the criteria for well locations is based on: 1) the need to have a spatial distribution of wells across the facility, and 2) to be cited downgradient of regulatory units. The above criteria do not consider the hydrogeologic system.

The following agenda and time are proposed:

DATE: October 18, 1994
TIME: 1 ~~9:~~00 - ~~12:~~00
PLACE: HRMB library

Tues Morning
8 15.

AGENDA

1-1:30 ~~1-7:30~~ * DOE"s proposed ground-water monitoring system

1:30-2:00 ~~9:30-11~~ * Discuss DQO's for ground-water monitoring system (fundamental hydrogeologic questions/issues remaining)

2:00-2:30 ~~10-10:30~~ * Regulatory issues

2:30-3:00 ~~10:30-11~~ * RCRA Technical Compliance hydrogeologic evaluation at LANL

3:00-3:30 ~~11-11:30~~ * Development of NMED-LANL Hydrology Working Group

lgwnmed.104

Letter from Vozella - 23 well is minimum @.

12543

HSDA LANL 6/17/5/94-C

ANL
GENERATED

Table 4-1. ESH Proposed Main Aquifer Well Locations

WELL ID	LOCATION	RATIONALE
PLATS-1	Los Alamos Townsite	Hydrogeologic control, background water quality
PGC-1	Guaje Canyon near well field	Observation, RCRA Compliance (top of aquifer)
PLAC-1	Upper Los Alamos Canyon near well H-19, TA-3	Hydrogeological control, background water quality
PPFZ-1	East Pajarito Fault Zone, TA-8	Recharge information, Hydrogeological control near west boundary
PWC-1	Area P, upper Water Canyon near west boundary, TA-16	Hydrogeologic control in SW corner, RCRA compliance, answer questions left by SHB-3
PPC-1	Near new MWDF, Pajarito Canyon, TA-67	Hydrogeologic control, RCRA compliance for new facility, observation
PPC-2	Near new HWTF, Pajarito Canyon, TA-67	RCRA compliance for new facility, observation
PTSC-1	Near HWTF, Ten Site Canyon, TA-35	Address TA-35 and waste discharge from new facility
PPOC-1	Near OBOD area Potrillo Canyon, TA-15	Hydrogeologic control
PPC-3	Area J, Pajarito Canyon, TA-54	RCRA compliance, upgradient from area L (chemical waste) and area G (rad waste)
PMC-1	Near Sediment Traps, Mortandad Canyon, TA-5	RCRA compliance, downgradient from sediment traps
PSC-1	Near lagoons, Sandia Canyon, TA-53	Address discharge from lagoons, possible effect on intermediate ground water
PPBC-1	Near well TW-1, Pueblo Canyon, TA 74	Check for Tritium, replace TW-1
PLAC-2	In LA well field	Observation well near Rio Grande with controlled screen length
PPFZ-2	West of Pajarito Fault Zone	Hydrogeologic control west of boundary, recharge information
PPC-4	Area G, Pajarito Canyon, TA-54	RCRA compliance, downgradient of Rad waste disposal area
PMC-2	In White Rock Townsite, Mortandad Canyon	Hydrogeologic control, downgradient of sediment traps, observation near Rio Grande
PCDB-1	Below White Rock, near Rio Grande and Canada del Buey	Hydrogeologic control, observation near Rio Grande
PPOC-2	Near SR 4, Potrillo Canyon, TA-36	Address surface water loss questions
PWC-2	Water Canyon, TA-68	Address surface water loss questions
PAC-1	Below TA-33, Ancho Canyon, TA-70	Below TA-33 tritium release site
PBHQ-1	Near Bandelier HQ	Hydrogeologic control, observation
PBC-1	Bayo Canyon, TA-74	Hydrogeologic control, continuity of perched zone