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General
Key: JWP

State of New Mexico

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**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

June 27, 1997

Mr. G. Thomas Todd, Area Manager
Los Alamos Area Office
Department of Energy
528 35th Street
Los Alamos, New Mexico 87544

Mr. Sigfried Hecker, Director
Los Alamos National Laboratory
P. O. Box 1663, MS A100
Los Alamos, New Mexico 87545

**RE: Information Request
Los Alamos National Laboratory
NM0890010515**

R E C E I V E D

JUL 10 1997

DOE OVERSIGHT BUREAU

Dear Mr. Todd:

Every year the Department of Energy/Los Alamos National Laboratory (DOE/LANL) presents the Hazardous and Radioactive Materials Bureau (HRMB) of the New Mexico Environment Department (NMED) with the opportunity to provide comment on the proposed Baseline for the upcoming fiscal year. And every year HRMB finds that the baseline submittal lacks pertinent information which would enable HRMB to provide meaningful comments regarding prioritization of Resource Conservation and Recovery Act (RCRA) Corrective Action (CA) activities (see letter entitled "Recommendations on Prioritization of Solid Waste Management Units at Los Alamos National Laboratory" from B. Garcia to T. Taylor dated June 10, 1996).

This letter is a follow-up to the request for information mentioned in the letter entitled "Notifications of Release/Discharge" dated May 1, 1997 from Mr. E. Kelley to Messrs. Taylor and Jansen. The bulletized information provided on the following pages summarizes prioritization data gaps identified by the members of the NMED LANL Working Group which is comprised of representatives from HRMB, DOE Oversight



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General

LANL/ER/misc

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Bureau, and the Surface Water and Ground Water Quality Bureaus. This request will not only assist NMED in assigning Potential Release Site (PRS)-specific priorities, but will also prepare DOE/LANL for reissuance of the RCRA Operating Permit and future data requests.

NMED requests that DOE/LANL provide the following bulletized information within thirty (30) calendar days of receipt of this letter. The specific PRS-by-PRS information provided will be evaluated by the LANL Working Group and will result in the assigning of NMED priority levels to each PRS; therefore, enabling NMED to provide meaningful comments regarding DOE/LANL's baselining of RCRA CA activities.

NMED requests DOE/LANL to provide the following information for **each PRS** in a hardcopy report and in a database compatible with FileMaker Pro version 3.0:

- PRS number
- Technical Area
- Operable Unit
- Field Unit
- Latitude
- Longitude
- PRS type (Hazardous and Solid Waste Amendments Solid Waste Management Unit, Area of Concern, etc.)
- Site Ranking System (SRS) score
- PRS description/type (firing site, septic tank, etc.)
- Period of operation/use (e.g., 1950-1955)
- Age of PRS (number of years)
- Geographical location (mesa top; mesa edge; canyon bottom; on, near or in a water course; valley margin; flood plain; alluvial fan; colluvium; etc.)
- PRS's current land use(s)
- PRS's projected land use(s)
- Land use(s) in vicinity of PRS
- Site access (restricted, fenced, etc.)
- Location and identification of nearest outfall
- Associated National Pollutant Discharge Elimination System number or other identifier
- Associated Stormwater Pollution Prevention Plan number or other identifier
- Associated Discharge Permit/Plan number or other identifier
- Watershed in which PRS is located
- Volume of waste
- Physical state of waste

- Parameter(s)/constituent(s) of concern
- Identified release/discharge¹ (yes, no, unknown)
- Standard or release/discharge criteria exceeded (Screening Action Level, Upper Tolerance Limit, Water Quality Control Commission, Maximum Contaminant Level, etc.)
- If a release/discharge¹ has been identified, list:
 - range of concentrations for each contaminant identified,
 - affected media,
 - number of samples obtained from that media,
 - type of analyses (Toxicity Characteristic Leachate Procedure, totals, etc.), and
 - if aqueous, if the sample was filtered or unfiltered
- Current CA status (e.g., RCRA Facility Investigation Report, Interim Action, Voluntary Corrective Action, etc. in progress)
- Horizontal and vertical extent of contamination, if known
- Distance to nearest watercourse
- Distance to nearest wetland
- Depth to first saturated zone
- Depth to regional aquifer
- Distance to nearest ground water well, its identification number, and type (drinking water supply well, monitoring well, etc.)
- Fracture density in PRS vicinity (high, medium, low)
- Integrity of PRS (lined/unlined, contained, covered, etc.)
- Potential contaminant transport mechanisms (runon/off, active stream channel, etc.)
- Stabilization activities (Interim Action, Best Management Practices) performed to date
- Source(s) of information used to provide this information (Solid Waste Management Unit Report, RCRA Facility Investigation Workplans or Report, etc.) including date and document number

NMED would like to schedule a meeting specific to this request as soon as possible. Please contact Mr. John Kieling, HRMB's LANL Facility Manager, at 505/827-1558 to set an appointment.

¹ A release/discharge is identified when a concentration of contaminant in any media: 1) exceeds a Water Quality Control Commission standard, a Safe Drinking Water Act Maximum Contaminant Level, and/or an Environmental Restoration Screening Action Level; 2) shows a statistically significant increase over the background data for the media of concern; or 3) is an immediate threat to human health or the environment.

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At your earliest convenience, please contact myself or Mr. Benito Garcia of my staff at (505) 827-1558 to schedule a meeting to discuss this request.

Sincerely,



Ed Kelley, Ph.D., Director
Water and Waste Management Division

EK:kth

attachment

cc: M. Alexander, LANL ESH-18, MS K497
T. Baca, LANL EM, MS J591
T. Davis, NMED HRMB
R. Dinwiddie, NMED HRMB
D. Erickson, LANL Director, MS K491
T. Glatzmaier, LANL DDEES/ER, MS M992
K. Hill, NMED HRMB
J. Jansen, LANL ER, MS A316
M. Johansen, DOE LAAO, MS A316
M. Leavitt, NMED GWQB
D. McInroy, LANL EM/ER, MS M992
J. Mose, DOE LAAO, MS A316
D. Neleigh, EPA, 6PD-N
J. Parker, NMED DOE OB
S. Pierce, NMED SWQB
S. Rae, LANL ESH-18, MS K490
G. Saums, NMED SWQB
T. Taylor, DOE LAAO, MS A316
S. Veenis, LANL ESH-18, MS K497
S. Yanicak, NMED DOE OB, MS J993
File: LANL HSWA G/M/P/1997
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