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PETER MAGGIORE
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H/5WA LANL G/m/s '98

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

October 16, 1998

Theodore Taylor, Project Manager
Los Alamos Area Office
Department of Energy
528 35th Street
Los Alamos, New Mexico 87544

Dr. John C. Browne, Director
Los Alamos National Laboratory
P.O. Box 1663, Mail Stop A100
Los Alamos, New Mexico 87545

**RE: Response to Water Data Request and
Submittal of Existing Water Data Table for 16-260 CMS
Los Alamos National Laboratory (LANL)
NM0890010515**

Dear Mr. Taylor and Dr. Browne:

The Hazardous and Radioactive Materials Bureau (HRMB) RCRA Permits Management Program is in receipt of the September 11, 1998 letter (referenced by EM/ER: 98-344) from the Department of Energy (DOE)/LANL which responds to HRMB's request for ground water and surface water analytical data. The response requests that HRMB review and provide comments regarding the content and format of the TA-16-260 Corrective Measures Study (CMS) data tables included with the September 29, 1998 submittal (referenced EM/ER: 98-394). Upon concurrence with the format and content of the provided data tables DOE/LANL will submit the remaining water data by the end of the calendar year.

HRMB approves of the format for the TA-16-260 CMS tables submitted September 29, 1998 with the following minor comments. HRMB requests that four (4) columns be included in addition to those provided in the TA-16-260 CMS data tables. These additions include columns for water quality standard, watershed, flow rate for surface water and springs (please specify means of flow rate determination, e.g., visually estimated) and water levels measured at each

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well. As most water quality standards are reported in MG/L, HRMB also requests that all applicable concentrations be listed in MG/L instead of μ G/L. Finally, HRMB is also requesting an electronic copy (Excel or Quattro Pro format) of the data to be submitted with a hard copy. Of course, the database should suit the needs of the fields required in the LANL RFI Annotated Outline (attachment).

HRMB is expecting the remaining water data to be submitted to NMED in the approved format no later than December 31, 1998 as per DOE/LANL's request. If you have questions concerning this letter, please contact myself or Mr. John Kieling, HRMB's LANL Facility Manager at (505) 827-1558.

Sincerely,



Benito J. Garcia, Chief
Hazardous and Radioactive Materials Bureau

BJG:jek

cc: J. Canepa, LANL EM/ER, MS M992
J. Davis, NMED SWQB
M. Johansen, DOE LAAO, MS A316
M. Kirsch, LANL EM/ER, MS M992
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J. Parker, NMED DOE OB
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S. Yanicak, NMED DOE OB, MS J993
File: Reading and HSWA LANL G/M/S 98
Track: LANL, 10/16/98, na, DOE/LANL, HRMB/Garcia, RE, File

1. Include the following fields in the hard copy data:
 - a. SWMU/AOC number,
 - b. Location identification,
 - c. Sample identification,
 - d. Depth and units,
 - e. Sample medium,
 - f. Analyte name,
 - g. Sample results and units (use consistent units for all results), and
 - h. RFI data validation qualifiers (i.e., the qualifier flag that appears on the data in the tables in the body of this RFI report, which is based on the analytical laboratory data qualifier and/or the result of the site-specific data validation).

2. Include the following fields in the electronic data:
 - a. SWMU/AOC number,
 - b. Location identification,
 - c. Sample identification,
 - d. Collection date for each sample,
 - e. Depth and units,
 - f. Sample matrix,
 - g. Sample medium,
 - h. Request number,
 - i. Date of submittal to the analytical laboratory for each sample,
 - j. Date of analysis,
 - k. Analytical suite,
 - l. Analytical laboratory name,
 - m. Analyte name,
 - n. Sample results and units (use consistent units for all results),
 - o. Analytical laboratory data qualifiers, and
 - p. RFI data validation qualifiers (i.e., the qualifier flag that appears on the data in the tables in the body of this RFI report, which is based on the analytical laboratory data qualifier and/or the result of the site-specific data validation).