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GOVERNOR

State of New Mexico
ENVIRONMENT DEPARTMENT

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PETER MAGGIORE
SECRETARY

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

October 22, 2001

Theodore Taylor, Project Manager
Los Alamos Area Office
Department of Energy
528 35th Street, Mail Stop A316
Los Alamos, NM 87544

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

RE: REQUEST FOR SUPPLEMENTAL INFORMATION
RFI REPORT ADDENDUM FOR SOLID WASTE MANAGEMENT UNIT 3-010(a)
LOS ALAMOS NATIONAL LABORATORY, NM0890010515
HWB-LANL-01-005

Dear Mr. Taylor and Dr. Browne:

The Hazardous Waste Bureau (HWB) of the New Mexico Environment Department has reviewed the *Addendum to RFI Report for Field Unit 1, SWMU 3-010(a)* dated October 12, 2000 and referenced by LA-UR-95-1485 (ER2000-0553) and requests supplemental information as detailed in the attachment.

LANL must respond to the request for supplemental information within thirty (30) days of the receipt of this letter.

Should you have any questions or require additional assistance with this request, please feel free to contact Darlene Goering at (505) 428-2548 or me at (505) 428-2538.

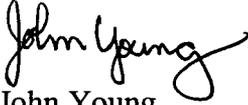


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HWB LANL 1/11/01
CB-010(a)

Mr. Theodore Taylor and Dr. John C. Browne
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Sincerely,



John Young
LANL Corrective Action Project Leader
Permits Management Program

JRY:dxg

cc: ~~J. Bearzi~~, NMED HRMB
~~P. Allen~~, NMED HRMB
J. Davis, NMED SWQB
M. Leavitt, NMED GWQB
J. Parker, NMED DOE OB
S. Yanicak, NMED DOE OB, MS J993
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J. Vozella, DOE LAAO, MS-A316
J. Canepa, LANL E/ER, MS-M992
M. Kirsch, LANL EM/ER, MS-M992
D. McInroy, LANL E/ER, MS-M992
file: Reading and HSWA LANL 01/1114/03-010(a)

ATTACHMENT

General Comments

1. In the *Plan for Characterization of Groundwater, Surface Water, and Sediments at SWMU 3-010(a)*, dated December 14, 1999, LANL had agreed to "characterize a zone of saturation (groundwater) in tuff by developing and sampling well B1/MW1 near TA-3-30." However, in HWB's *Response to "Response to the Notice of Deficiency for the RFI Report for SWMU 3-010(a)"*, dated December 1, 1999, HWB states that the characterization of the groundwater include development and subsequent sampling of MW-1. This does not preclude LANL from performing other activities necessary for fully characterizing the extent of groundwater contamination at the SWMU, such as installing additional wells if warranted. LANL shall install at least 2 additional monitoring wells to meet the following objectives:
 - Determine the extent of groundwater contamination.
 - Determine the direction of groundwater flow in the tuff.
 - Identify any other potential sources for groundwater contamination. If the source of contamination is other than SWMU 3-010(a), LANL shall notify HWB as to how it will investigate the new contamination source.
 - Identify the potential connectivity of the groundwater in the tuff to deeper zones of groundwater.

LANL shall perform quarterly monitoring of B1/MW1 and the subsequent wells for two years. The analytical suite shall include VOCs, SVOCs, the 23 TAL metals, isotopic plutonium, tritium, gross alpha/beta, and gamma spectroscopy.

2. The highest levels of sediment contamination were found upstream of the SWMU. LANL shall provide an explanation for the contamination. If the contaminant source is other than SWMU 3-010(a), LANL shall notify HWB as to how it will investigate the new contamination source.

Specific Comments

1. Section 5.0 Conclusions and Recommendations, page 14, Table 5.0-1:

HWB Comment: LANL shall provide the data for composite sample AAA-2375 in the final report.