



State of New Mexico
ENVIRONMENT DEPARTMENT
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March 21, 1997

Mat Johansen, DOE AIP POC
U. S. Department of Energy
Los Alamos Area Office, MS A316
Los Alamos, NM 87544

RE: MDA-T site visit and discussion of changes to the "Sampling and Analysis Plan for Potential Release Sites, 21-016 (a,b,c)", Los Alamos National Laboratory, February, 1996.

Dear Mr. Johansen:

Martyne Kieling of the DOE Oversight Bureau (DOE OB) toured MDA-T TA-21, SWMU 21-016 (a,b,c) on 1-28-97. The tour was conducted by Beverly Martin of Field Unit 1. A short summary follows documenting the changes to the original sampling and analysis plan and how those changes relate to the comments delivered to you in a letter dated 1-24-97 from Steve Yanicek of NMED, DOE OB. The following comments are provided for the purpose of communicating the findings of the site tour on 1-18-97. They are not provided or intended for the purpose of representing the regulatory position of the New Mexico Environment Department (NMED).

Specific comments listed below all refer to the letter dated 1-24-97 to Mat Johansen from Steve Yanicek concerning NMED, DOE Oversight's Review of "Sampling and Analysis Plan for Potential Release Sites, 21-016 (a,b,c)", Los Alamos National Laboratory, February, 1996.

1. See specific comment 2.
One bore hole was placed directly through absorption bed 3 to determine the nature and extent of contamination that may



have been released at that location.

2. See specific comment 3.

The order in which the boreholes were actually drilled varied from the original description. The Borehole drilling began in the retrievable waste area and in the center of each absorption pit. Drilling continued with angle boreholes underneath the shaft area and vertical boreholes east of the shafts. Soil and Tuff samples from these initial boreholes were all analyzed for the complete list of COCs in the work plan. The remaining boreholes will be placed to determine extent of COCs found first set of boreholes and depending on the initial findings the COC list may be shortened.

3. See specific comment 4.

Additional boreholes have been proposed as drilling has progressed to determine the location of the paleochannel and to assess the possible migration of COCs.

4. See specific comment 5.

It is my understanding that one hundred percent of the samples are being sent to an off site laboratory for Level III and IV analysis.

5. See specific comment 6.

See the above comment 4.

6. See specific comment 7.

See the above comment 2. In addition, the original borehole locations 21 and 22 were not drilled. Investigation beneath building TA-21-257 will be deferred until the building is decommissioned and removed.

7. See specific comment 8.

One borehole was drilled through absorption bed 3 and two other boreholes will be drilled at an angle below the shafts. These boreholes will be sampled and analyzed for RCRA constituents to determine migration from separate waste streams.

8. See specific comment 9.

on bold } **All borehole samples will be sent to an off site laboratory for level III/IV analysis.**

If there are any questions concerning this review, please contact

me at 505-672-0448 or Martyne Kieling of our staff at 505-827-1536.

Sincerely,

Steve Yanicak, LANL POC
Department of Energy Oversight Bureau

SY:MK:mk

cc:w/attachment

John Parker, NMED, Chief, DOE OB
Benito Garcia, NMED, Chief, HRMB
Marcy Leavitt, NMED, Chief, GWQB
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