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MAY 2008
NMED Hazardous
Waste Bureau

National Nuclear Security Administration
Los Alamos Site Office, MS A316
Environmental Restoration Program
Los Alamos, New Mexico 87544
(505) 667-4255/FAX (505) 606-2132

Date: May 16, 2008
Refer To: EP2008-0225

James P. Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303

Subject: Response to the Notice of Disapproval for the Investigation Report for Bayo Canyon Aggregate Area and Revision 1

Dear Mr. Bearzi:

Enclosed please find two hard copies with electronic files of the response to the Notice of Disapproval for the Investigation Report for Bayo Canyon Aggregate Area and Revision 1 of that report. Also enclosed is an electronic copy of a redline/strikeout version of the report showing the changes made in response to the notice of disapproval. A cross-reference table detailing the revisions to the original work plan and the New Mexico Environment Department's comments is also included.

If you have any questions, please contact Becky Coel-Roback at (505) 665-5011 (becky_cr@lanl.gov) or Cheryl Rodriguez at (505) 665-5330 (crodriguez2@doeal.gov).

Sincerely,

pb

Susan G. Stiger, Associate Director
Environmental Programs
Los Alamos National Laboratory

Sincerely,

David R. Gregory, Project Director
Department of Energy
Los Alamos Site Office

SS/DG/DM/BCR:sm

Enclosures: Two hard copies with electronic files:
1) Response to the Notice of Disapproval for the Investigation Report for Bayo Canyon Aggregate Area (EP2008-0225)
2) Investigation Report for Bayo Canyon Aggregate Area, Revision 1 (EP2008-0226)
3) An electronic copy of the redline-strikeout version of the plan that includes all changes and edits to the document
4) Cross-reference table of NMED comments

Cy: (w/enc.)
Becky Coel-Roback, EP-CAP, MS M992
RPF, MS M707 (with two CDs)
Public Reading Room, MS M992

Cy: (Letter and CD only)
Laurie King, EPA Region 6
Cheryl Rodriguez, DOE-LASO, MS A316
Gary Stoopes, TerranearPMC
Peggy Reneau, EP-WES, MS M992
EP-CAP File, MS M992

Cy: (w/o enc.)
Tom Skibitski, NMED-OB, Santa Fe, NM
Alison M. Bennett, DOE-LASO (date-stamp letter emailed)
Susan G. Stiger, ADEP, MS M991
Dave McInroy, EP-CAP, MS M992
Alison M. Dorries, WES-DO, MS M992
IRM-RMMSO, MS A150

Cross-Reference of New Mexico Environment Department
Notice of Disapproval Comments (April 24, 2008) and Revisions to the Bayo Canyon Aggregate Area Investigation Report

NMED NOD Comment No.	Summary of NMED NOD Comment	Sections/Page(s) in Original Report	Sections/Page(s) in Revised Report	Nature of Revision to Investigation Report
Specific Comments				
1	See specific comment #3	Executive Summary, p. vii	n/a*	No revision to the investigation report is necessary. See response to specific comment #3.
2	Remove the reference to Appendix D photographs of excavation and debris in test pits at AOC 10-009	Section 4.4, p. 28	Section 4.4, p. 28	The reference to photos in Appendix D was deleted.
3	Provide a work plan describing the removal activities at the two areas south of the radiochemistry laboratory	Section 5.3, p. 30	n/a	No revision to the investigation report is necessary. See response to specific comment #3.
4	Provide tables and figures depicting the data that has been excluded because of the data revalidation process and identify the deficiencies of any data relied upon during this investigation, including that collected during previous work	Section 6.0, p. 31	Section 6.0, p. 31 Appendix F, Section F-2.1, p. F-2 Table F-2.1-1, p. F-20	The report and Appendix F were revised to reference Table F-2.1-1, which was added to identify the results of revalidation for any historical data used to identify additional data needs, where such data was different from that reported in the historical investigation report.
5	See specific comment #8	Section 6.2.2.1, p. 37	n/a	No revision to the investigation report is necessary. See response to specific comment # 8.
6	Revise the text and all applicable figures to identify the four additional sampling locations used to characterize the two areas of elevated radiation	Section 6.2.2.2, p. 39	Section 6.2.2.2, pp. 38 and 39 Plates 6 and 7	Where the additional samples are described, the text has been revised to clearly reference Plates 6 and 7. Plates 6 and 7 have been revised to clearly label the areas of elevated strontium-90 activity.
7	Submit a map depicting the two locations of elevated strontium-90	Section 8.0, p. 51	Plates 6 and 7	Plates 6 and 7 have been revised to clearly label the areas of elevated strontium-90 activity.

NMED NOD Comment No.	Summary of NMED NOD Comment	Sections/Page(s) in Original Report	Sections/Page(s) in Revised Report	Nature of Revision to Investigation Report
8	Specify the alternative and subsequent corrective measures that will be implemented to protect the public from radioactive contamination and submit a report to NMED describing the corrective action activities	Appendix J, Section J-4.0, p. J-9	n/a	No revision to the investigation report is necessary. See response to specific comment # 8.
9	Include the ARM geophysics report as an appendix	Appendix K, Section K-1.0, p. K-1	Appendix K, Attachment K-1	The original ARM shrapnel survey report is included as an attachment to Appendix K.
10	See comment # 9	Appendix L, Section L-1.0, p. L-1	Appendix L, Attachment L-1	The original ARM geophysical survey report is included as an attachment to Appendix L.
11	See comment # 9	Appendix M, Section M-1.0, p. M-1	Appendix M, Attachment M-1	The original ERG radiological survey report is included as an attachment to Appendix M.
n/a	n/a	Throughout	Throughout	Minor editorial changes were made throughout the document for correctness and clarity.

*n/a = Not applicable.