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National Nuclear Security Administration
 Los Alamos Site Office, MS A316
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Date: **JUL 07 2011**
 Refer To: EP2011-0237

John Kieling, Acting Bureau Chief
 Hazardous Waste Bureau
 New Mexico Environment Department
 2905 Rodeo Park Drive East, Building 1
 Santa Fe, NM 87505-6303

Subject: Request for Certificates of Completion for Five Solid Waste Management Units and Three Areas of Concern in the S-Site Aggregate Area

Dear Mr. Keiling:

In accordance with Section VII.E.6.b of the Compliance Order on Consent (the Consent Order), Los Alamos National Laboratory (the Laboratory) and the U.S. Department of Energy (DOE) request Certificates of Completion without Controls for the following five solid waste management units (SWMUs) within the S-Site Aggregate Area:

- SWMU 16-004(a), Imhoff Tank
- SWMU 16-004(e), Filter Screen
- SWMU 16-029(d), Sumps (2)
- SWMU 16-029(g2), Pit
- SWMU 16-017(p)-99, Former Storage Magazine

Each of these five sites was recommended for Corrective Action Complete without Controls in the Investigation Report for S-Site Aggregate Area, Revision 1 (LA-UR-11-0561/EP2011-0012). The report substantiates that the nature and extent of contamination are defined at each of the above-referenced sites and demonstrates that each site does not pose potential unacceptable risks or doses to human health under the residential scenario. In addition, the report demonstrates that each of the above sites does not pose potential risk to ecological receptors. Therefore, neither site controls nor additional future actions under the Consent Order are necessary at the five sites.

In addition, the Laboratory and DOE request Certificates of Completion without Controls for the following three areas of concern (AOCs):

- AOC C-16-049, Former Building
- AOC C-16-062, Electrical Manhole
- AOC C-16-063, Electrical Manhole

These sites were proposed for no further sampling in the Investigation Work Plan for S-Site Aggregate Area, Revision 1 (LA-UR-07-8366/EP2007-0796). AOC C-16-049 was recommended for no further sampling, because the Laboratory demonstrated no pathway for human or ecological



receptors exists. AOCs C-16-062 and C-16-063 were recommended for no further sampling because the Laboratory demonstrated that neither site managed, stored, or treated hazardous waste. Therefore, additional sampling of AOCs C-16-049, C-16-062, and C-16-063 is not necessary to support their corrective action complete status. On these bases, AOCs C-16-062, and C-16-063 were recommended for Corrective Action Complete without Controls in the Investigation Report for S-Site Aggregate Area, Revision 1 (LA-UR-11-0561/EP2011-0012). AOC C-16-049 was inadvertently omitted from section 12.2, Recommendations for Corrective Action Complete, of the report; however, it was recommended for corrective action complete elsewhere in the report. Neither site controls nor additional future actions under the Consent Order are necessary at AOCs C-16-049, C-16-062, and C-16-063.

The report was approved with direction in your March 16, 2011, letter Approval with Modifications (for the) S-Site Aggregate Area Investigation Report (HWB-LANL-10-071).

If you have any questions, please contact John McCann at (505) 665-1091 (jmccann@lanl.gov) or Woody Woodworth at (505) 665-5820 (lwoodworth@doeal.gov).

Sincerely,

Sincerely,


Michael J. Graham, Associate Director
Environmental Programs
Los Alamos National Laboratory


George J. Rael, Assistant Manager
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MG/GR/JM/LN:sm

Cy: Laurie King, EPA Region 6, Dallas, TX
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