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National Nuclear Security Administration
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Date: FEB 09 2011
 Refer To: EP2011-0056

James Bearzi, 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 Sixty Solid Waste Management Units and Twenty-two Areas of Concern in the Middle Mortandad/Ten Site Aggregate Area

Dear Mr. Bearzi:

In accordance with Section VII.E.6.b of the Compliance Order on Consent (Consent Order), Los Alamos National Laboratory (the Laboratory) and the U.S. Department of Energy (DOE) are requesting Certificates of Completion without Controls for the following 50 solid waste management units (SWMUs) and areas of concern (AOCs) within the Middle Mortandad/Ten Site Aggregate Area:

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| SWMU 04-001, Firing Site | SWMU 35-008, Surface Disposal & Landfill |
| SWMU 04-002, Surface Disposal | SWMU 35-009(b), Septic System |
| SWMU 04-003(b), Outfall | SWMU 35-009(c), Septic System |
| SWMU 05-001(a), Former Firing Site | SWMU 35-009(d), Septic System |
| SWMU 05-001(b), Former Firing Site | SWMU 35-010(a), Sanitary Lagoon |
| AOC 05-001(c), Former Firing Site | SWMU 35-010(b), Sanitary Lagoon |
| SWMU 05-002, Canyon-side Disposal | SWMU 35-010(c), Sanitary Lagoon |
| SWMU 05-005(a), Former French Drain | SWMU 35-010(d), Sand Filters |
| SWMU 05-006(b), Soil Contamination | AOC 35-010(e), Release from Sand Filter |
| SWMU 05-006(e), Soil Contamination | AOC 35-011(d), Underground Storage Tank |
| SWMU 05-006(h), Soil Contamination | SWMU 35-014(a), Operational Release |
| SWMU 35-002, Material Disposal Area X | SWMU 35-014(e), Oil Spill |
| SWMU 35-004(a), Storage Areas | AOC 35-014(e2), Oil Spill |
| SWMU 35-004(b), Storage Areas | AOC 35-014(f), Soil Contamination |
| SWMU 35-004(g), Container Storage Area | SWMU 35-014(g), Soil Contamination |
| SWMU 35-004(h), Container Storage Area | AOC 35-014(g2), Soil Contamination |
| AOC 35-004(m), Container Storage Area | SWMU 35-016(a), Drains & Outfalls |
| AOC C-35-007, Soil Contamination | AOC 35-016(b), Outfall |

AOC 35-016(e), Outfall	AOC 52-003(a) Waste Water Treatment Facility (WWTF)
AOC 35-016(f), Storm Drain	
SWMU 35-016(i), Drains & Outfalls	AOC 60-004(c), Storage Area
SWMU 35-016(m), Drains & Outfalls	AOC 60-004(e), Storage Area
AOC 35-016(n), Storm Drain	SWMU 60-005(a), Surface Impoundment
SWMU 35-016(p), Outfall	SWMU 63-001(a), Septic System
SWMU 35-016(q), Drains & Outfalls	SWMU 63-001(b), Septic System
SWMU 52-002(a), Septic System	

Each of these 50 sites was recommended for Corrective Action Complete without Controls in the report entitled Investigation Report for the Middle Mortandad/Ten Site Aggregate Area, Revision 2 (LA-UR-08-0336/EP2008-0035). 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 50 sites.

Additionally, the Laboratory and DOE are requesting Certificates of Completion with Controls for the following 32 SWMUs and AOCs within the Middle Mortandad/Ten Site Aggregate Area:

SWMU 35-003(a), WWTF (Ind.)	SWMU 35-003(q), WWTF (Rec.)
SWMU 35-003(b), WWTF (Ind.)	AOC 35-003(r), Outfall (Rec.)
SWMU 35-003(c), WWTF (Ind.)	SWMU 35-009(a), Septic System (Ind. & Rec.)
SWMU 35-003(d), WWTF (Rec.)	SWMU 35-009(e), Septic System (Rec.)
SWMU 35-003(e), WWTF (Ind.)	SWMU 35-014(b), Leaking Drum (Ind.)
SWMU 35-003(f), WWTF (Ind.)	AOC 35-014(d), Operational Release (Ind.)
SWMU 35-003(g), WWTF (Ind.)	AOC 35-014(g3), Soil Contamination (Rec.)
SWMU 35-003(h), WWTF (Ind.)	SWMU 35-015(a), Soil Contamination (Ind.)
SWMU 35-003(j), WWTF (Ind.)	SWMU 35-015(b), Waste Oil Treatment (Ind.)
SWMU 35-003(k), WWTF (Ind.)	SWMU 35-016(c), Outfall (Rec.)
SWMU 35-003(l), WWTF (Rec.)	SWMU 35-016(d), Outfall (Rec.)
SWMU 35-003(m), WWTF (Ind.)	AOC 35-016(j), Storm Drain (Rec.)
AOC 35-003(misc.), Waste Lines (Ind.)	SWMU 35-016(k), Drains & Outfalls (Rec.)
SWMU 35-003(n), WWTF (Ind.)	AOC 35-016(l), Storm Drain (Rec.)
SWMU 35-003(o), WWTF (Ind.)	SWMU 35-016(o), Drains & Outfalls (Rec.)
SWMU 35-003(p), WWTF (Ind.)	AOC 35-018(a), Transformer (Ind.)

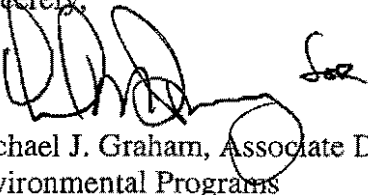
Each of these 32 sites was proposed for Corrective Action Complete with Controls in the report entitled Investigation Report for the Middle Mortandad/Ten Site Aggregate Area, Revision 2 (LA-UR-08-0336/EP2008-0035). The report substantiates that the nature and extent of contamination are defined at each of these sites and demonstrates that the sites do not pose potential unacceptable risks or doses to human health under the industrial or recreational land-use scenarios (as specified above with "Ind." for industrial and "Rec." for recreational), which are the current and

reasonably foreseeable future land uses. Although potential unacceptable risk exists at these sites under the residential scenario, the sites are located on DOE property and will remain so for the foreseeable future, ensuring that the sites will not be used for residential purposes. Because these sites pose a potential unacceptable risk or dose under the residential scenario, but not under current and reasonably foreseeable future land uses (industrial or recreational), site control (the maintenance of the site as industrial or recreational) is required for these 32 sites.

The report was approved in your April 1, 2008, letter Approval with Direction (for the) Investigation Report for the Middle Mortandad/Ten Site Aggregate, Revision 2 (HWB-LANL-05-016).

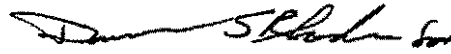
If you have any questions, please contact Becky Coel-Roback at (505) 665-5011 (becky_cr@lanl.gov) or Cheryl Rodriguez at (505) 665-5330 (crodriguez2@doeal.gov).

Sincerely,



Michael J. Graham, Associate Director
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Sincerely,



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

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