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MAY 10 2012

Date:
 Refer To: ENV-RCRA-12-0088
 LAUR: 12-20498

Mr. John E. Kieling
 Acting Bureau Chief
 Hazardous Waste Bureau
 New Mexico Environment Department
 2905 Rodeo Park Drive East, Building 1
 Santa Fe, NM 87505-6313

**SUBJECT: UPDATED ENCLOSURES FOR BUILDINGS OR FIXED STRUCTURES
 SCHEDULED TO BE DEMOLISHED 2ND QUARTER CALENDAR YEAR 2012**

Dear Mr. Kieling:

The purpose of this letter is to submit an updated list of buildings or fixed structures scheduled to be demolished during the 2nd Quarter, Calendar Year 2012 (April 1, 2012 through June 30, 2012) along with additional information requested by the New Mexico Environment Department – Hazardous Waste Bureau (NMED-HWB) in a teleconference call on April 11, 2012. The Permittees are providing this information in accordance with an agreement reached during a teleconference call on November 16, 2011 between the NMED-HWB, the Department of Energy (DOE) and Los Alamos National Security (LANS) representatives. It was agreed that on or before the last day of each quarter, DOE/LANS would provide a report to the NMED-HWB that would list the structures anticipated to be demolished the following quarter.

The additional information requested by the NMED-HWB, along with the updated list of buildings or structures, includes previous notification reporting on the following structures:

Structure	Correspondence	Letter Number and Date
03-0058	1 st Qtr CY 2012	ENV-RCRA -11-0272 December 12, 2012
03-0097	1 st Qtr CY 2012	ENV-RCRA -11-0272 December 12, 2012
03-0187	1 st Qtr CY 2012	ENV-RCRA -11-0272 December 12, 2012

Structure	Correspondence	Letter Number and Date
03-0251	1 st Qtr CY 2012	ENV-RCRA -11-0272 December 12, 2012
03-0285	1 st Qtr CY 2012	ENV-RCRA -11-0272 December 12, 2012
03-0373	1 st Qtr CY 2012	ENV-RCRA -11-0272 December 12, 2012
03-1664	1 st Qtr CY 2012	ENV-RCRA -11-0272 December 12, 2012
03-2260	1 st Qtr CY 2012	ENV-RCRA -11-0272 December 12, 2012
18-0037	1 st Qtr CY 2012	ENV-RCRA -11-0272 December 12, 2012
18-0127	1 st Qtr CY 2012	ENV-RCRA -11-0272 December 12, 2012
18-0129	1 st Qtr CY 2012	ENV-RCRA -11-0272 December 12, 2012
18-0141	1 st Qtr CY 2012	ENV-RCRA -11-0272 December 12, 2012
18-0187	1 st Qtr CY 2012	ENV-RCRA -11-0272 December 12, 2012
18-0188	1 st Qtr CY 2012	ENV-RCRA -11-0272 December 12, 2012
18-0190	1 st Qtr CY 2012	ENV-RCRA -11-0272 December 12, 2012
18-0227	1 st Qtr CY 2012	ENV-RCRA -11-0272 December 12, 2012
18-0270	1 st Qtr CY 2012	ENV-RCRA -11-0272 December 12, 2012
18-0277	1 st Qtr CY 2012	ENV-RCRA -11-0272 December 12, 2012
18-0297	1 st Qtr CY 2012	ENV-RCRA -11-0272 December 12, 2012
35-0033	1 st Qtr CY 2012	ENV-RCRA -11-0272 December 12, 2012
35-0046	1 st Qtr CY 2012	ENV-RCRA -11-0272 December 12, 2012
35-0224	4 th Qtr CY 2011	ENV-RCRA 11-0189 September 14, 2011
35-0226	4 th Qtr CY 2011	ENV-RCRA 11-0189 September 14, 2011
35-0227	4 th Qtr CY 2011	ENV-RCRA 11-0189 September 14, 2011

The following structures have not been previously notified to the NMED-HWB for demolition activities:

35-0262	57-0085	57-0123	03-0462
35-0263	57-0049	57-0115	03-0545
43-0024	57-0074	57-0118	03-0546
43-0045	57-0077	57-0121	03-1530
57-0041	57-0084	57-0122	03-1648
03-1533	03-1549	03-1550	03-1940
03-1777	03-1789	03-1939	
03-2018	35-0261		

The attached tables "Updated Demolition Reporting 2nd Quarter Calendar Year 2012" (Enclosure 1) and "Attachment for 2nd Quarter Calendar Year 2012 Demolition Notification-Building Hazardous Material Descriptions" (Enclosure 2) describe the buildings or fixed structures scheduled for demolition and associated hazards (if any) for building or fixed structure as required by Permit Section 1.17.1.

Pursuant to Section 1.17.3 of the Los Alamos Laboratory Hazardous Waste Permit, should a demolition report be prepared for any of the buildings included herein, the Permittees will provide a copy of such report to the NMED-HWB within 30 days after the final report is written.

If you have questions or comments concerning this submittal, please contact Gene Turner (DOE) at (505) 667-5794 or Mark Haagenstad (LANS) at (505) 665-2014.

Sincerely,



Anthony R. Grieggs
Group Leader
Water Quality & RCRA Group
Los Alamos National Laboratory

Sincerely,



Gene E. Turner
Environmental Permitting Manager
Environmental Projects Office
Department of Energy
Los Alamos Site Office

ARG:GET:CJ/lm

Enclosures: (1) UPDATED Demolition Reporting 2nd Quarter Calendar Year 2012
(2) Attachment for 2nd Quarter Calendar Year 2012 Demolition Notification-Building
Hazardous Material Descriptions

Cy: Laurie King, USEPA/Region 6, Dallas TX, w/enc.
Pete Maggiore, LASO-EPO, w/enc., A316, (E-File)
Gene E. Turner, LASO-EPO, w/enc., A316, (E-File)
Carl A. Beard, PADOPS, w/o enc., A102, (E-File)
Michael T. Brandt, ADESH, w/o enc., K491, (E-File)
Alison M. Dorries, ENV-DO, w/o enc., K491, (E-File)
Scotty W. Jones, ENV-DO, w/o enc., K491, (E-File)
Mark Haagenstad, ENV-RCRA, w/enc., K404, (E-File)
Catherine Juarez, ENV -RCRA, w/enc., K404, (E-File)
Patricia Gallagher, ENV-ES, w/enc., J978, (E-File)
Jim Jones, ADMP, w/enc., J590, (E-File)
Ken Schlindwein, PADOPS, w/enc., M895, (E-File)
Janet Harry, IP-SDFD, w/enc., M895, (E-File)
Darrik Stafford, PF-DO, w/enc., D741, (E-File)
Ian Albright, MNGRFCT-DO, w/enc., J590, (E-file)
IRM-RMMSO, w/enc., A150, locatetesteam@lanl.gov
ENV-RCRA Correspondence File, w/enc., M704

ENCLOSURE 1

UPDATED - Demolition Reporting 2nd Quarter Calendar Year 2012

(April 1, 2012 - June 30, 2012)

ENV-RCRA-12-0088

LAUR: 12-20498

Date: MAY 10 2012

Technical Area (TA) and Building Number	Type of Structure	Current and Historic Uses	Approximate Dates of Operation	Solid Waste Management Units (SWMU)/ Areas of Concern (AOC) w/in 50 ft. of Footprint	Category	Date/Quarter Demolition Expected to Begin	Buildings or Fixed Structures identified in previous fiscal year that were not demolished
03-0058	Cooling tower	Cooling tower	1951-1985	Consolidated Unit 03-012(b)-00 consists of soil contamination from operational releases [SWMU 03-012(b)], a holding tank [SWMUs 03-014(q)], and two permitted outfalls [SWMUs 03-045(b) and 03-045(c)]. The SWMUs within this consolidated unit are associated with the TA-03 power plant (building 03-22) operations. SWMU 03-012(b) is soil contamination from operational releases, including cooling tower drift; SWMU 03-014(q) is a cooling-water holding tank; and SWMUs 03-045(b) and 03-045(c) are permitted outfalls that discharge into a small tributary of Sandia Canyon directly south of the steam power. The investigation for this consolidated unit is ongoing. Figures that depict these SWMUs and the source for the information above can be found in <i>Investigation Report for Upper Sandia Canyon Aggregate Area</i> (LA-UR-10-3256), which was submitted to NMED-HWB in May 2010 by letter.	Asbestos	2nd Quarter CY 2012	NA
03-0097	Wood Light Frame	Guard Station	1955-2012	None	Asbestos	2nd Quarter CY 2012	NA
03-0187	Cooling tower	Cooling tower	1964-2011	SWMU 03-045(h) is former NPDES-permitted outfall EPA 03A024 located in TA-03 at the north perimeter of the Sigma Complex security fence, approximately 50 ft north of cooling tower 03-0187. The outfall was formerly permitted for the discharge of treated cooling water and stormwater. The investigation for this site is ongoing. Figures that depict this SWMU and the source for the information above, can be found in <i>Investigation Report for Upper Sandia Canyon Aggregate Area</i> (LA-UR-10-3256), which was submitted to NMED-HWB in May 2010 by letter. AOC 03-050(c) is potential soil contamination attributed to emissions from exhaust stacks at the press building (building 03-0035). AOC C-03-007 is storage areas inside the Press Building, 03-0035. AOCs 03-050(c) and C-03-007 were recommended for NFA and NFA was approved by EPA. Descriptions of these sites are provided in Addendum 1 to the OU 1114 RFI Work Plan (LA-UR-95-0731), which was submitted to NMED in July 1995 by letter.	Asbestos	2nd Quarter CY 2012	NA

Technical Area (TA) and Building Number	Type of Structure	Current and Historic Uses	Approximate Dates of Operation	Solid Waste Management Units (SWMU)/ Areas of Concern (AOC) w/in 50 ft. of Footprint	Category	Date/Quarter Demolition Expected to Begin	Buildings or Fixed Structures identified in previous fiscal year that were not demolished
03-0251	Shed	Water Valve House	1965-2012	Consolidated Unit 03-012(b)-00 consists of soil contamination from operational releases [SWMU 03-012(b)], a holding tank [SWMUs 03-014(q)], and two permitted outfalls [SWMUs 03-045(b) and 03-045(c)]. The SWMUs within this consolidated unit are associated with the TA-03 power plant (building 03-22) operations. SWMU 03-012(b) is soil contamination from operational releases, including cooling tower drift; SWMU 03-014(q) is a cooling-water holding tank; and SWMUs 03-045(b) and 03-045(c) are permitted outfalls that discharge into a small tributary of Sandia Canyon directly south of the steam power. The investigation for this site is ongoing. Figures that depict these SWMUs and the source for the information above can be found in <i>Investigation Report for Upper Sandia Canyon Aggregate Area</i> (LA-UR-10-3256), which was submitted to NMED-HWB in May 2010 by letter.	None	2nd Quarter CY 2012	NA
03-0285	Cooling tower	Cooling tower	1951-1985	Consolidated Unit 03-012(b)-00 consists of soil contamination from operational releases [SWMU 03-012(b)], a holding tank [SWMUs 03-014(q)], and two permitted outfalls [SWMUs 03-045(b) and 03-045(c)]. The SWMUs within this consolidated unit are associated with the TA-03 power plant (building 03-22) operations. SWMU 03-012(b) is soil contamination from operational releases, including cooling tower drift; SWMU 03-014(q) is a cooling-water holding tank; and SWMUs 03-045(b) and 03-045(c) are permitted outfalls that discharge into a small tributary of Sandia Canyon directly south of the steam power. The investigation for this consolidated unit is ongoing. Figures that depict these SWMUs and the source for the information above can be found in <i>Investigation Report for Upper Sandia Canyon Aggregate Area</i> (LA-UR-10-3256), which was submitted to NMED-HWB in May 2010 by letter.	Asbestos	2nd Quarter CY 2012	NA

UPDATED - Demolition Reporting
2nd Quarter Calendar Year 2012
(April 1, 2012 - June 30, 2012)

ENCLOSURE 1

Technical Area (TA) and Building Number	Type of Structure	Current and Historic Uses	Approximate Dates of Operation	Solid Waste Management Units (SWMU)/ Areas of Concern (AOC) w/in 50 ft. of Footprint	Category	Date/Quarter Demolition Expected to Begin	Buildings or Fixed Structures identified in previous fiscal year that were not demolished
03-0373	Metal Guard House	Guard Station	1971-2012	None	None	2nd Quarter CY 2012	NA
03-0462	Office Trailer	Office Trailer	1980-2012	None	Asbestos	2nd Quarter CY 2012	NA
03-0545	Office Trailer	Office Trailer	1978-2011	None	None	2nd Quarter CY 2012	NA
03-0546	Office Trailer	Office Trailer	1978-2011	None	None	2nd Quarter CY 2012	NA
03-1530	Office Trailer	Office Trailer	1981-2010	None	Asbestos	2nd Quarter CY 2012	NA
03-1533	Office Trailer	Office Trailer	1983-2010	None	None	2nd Quarter CY 2012	NA
03-1549	Office Trailer	Office Trailer	1984-2011	AOC 03-010(c) is the site of a hydraulic pump housed in a metal shed north of Building TA-03-0216. It was removed between December 1990 and August 1991. This AOC was proposed for NFA and NFA was approved by EPA. A description of this site is provided in the OU 1114 RFI Work Plan (LA-UR-93-1000), which was submitted to NMED in July 1993 by letter.	Asbestos	2nd Quarter CY 2012	NA
03-1550	Office Trailer	Office Trailer	1984-2011	None	Asbestos	2nd Quarter CY 2012	NA
03-1648	Morgan Shed	Storage	1985-2012	None	None	2nd Quarter CY 2012	NA
03-1664	Shed	Hydraulic Pump Enclosure	1986-2011	None	TPH, PCBs	2nd Quarter CY 2012	NA
03-1777	Semi Trailer	Electronics Lab	1989-2012	None	None	2nd Quarter CY 2012	NA
03-1789	Office Trailer	Office Trailer	1985-2012	None	Asbestos	2nd Quarter CY 2012	NA

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03-1939	Transportainer	Storage	1989-2012	None	None	2nd Quarter CY 2012	NA
03-1940	Transportainer	Storage	1989-2012	None	None	2nd Quarter CY 2012	NA
03-2018	Office Trailer	Office Trailer	1985-2011	SWMU 03-009(d) is a former 20-ft x 40-ft construction debris surface disposal site within a drainage gully west of building 03-2018. Small piles of cured asphalt (left over from paving a parking lot) and pieces of metal, sewer pipe, antenna tubing, and wood cable reels (origin unknown) were discarded at this surface disposal area. This SWMU was proposed for NFA and was removed from Module VIII of LANL's Hazardous Waste Facility Permit by NMED. A description of this site is provided in the OU 1114 RFI Work Plan (LA-UR-93-1000), which was submitted to NMED in July 1993 by letter.	Asbestos	2nd Quarter CY 2012	NA
03-2260	Metal Shade Structure	Badge Reader Shelter	1995-2011	AOC 03-010(c) is the site of a hydraulic pump housed in a metal shed north of Building TA-03-0216. It was removed between December 1990 and August 1991. This AOC was proposed for NFA and NFA was approved by EPA. A description of this site is provided in the OU 1114 RFI Work Plan (LA-UR-93-1000), which was submitted to NMED in July 1993 by letter.	None	2nd Quarter CY 2012	NA

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18-0037	Reinf. Concrete Structure	Guard Station	1953-2009	SWMU 18-003(e) is an inactive septic system at TA-18 that includes two inlet lines, a cylindrical septic tank (structure 18-0040), an outlet line, a drain field, and a former outfall. The septic tank is located approximately 50 ft southwest of building 18-0037. The septic system received sanitary waste and may also have received industrial waste. AOC 18-010(d) is an outfall that receives discharge in the form of sheet flow from a storm drainage collection area that drains the paved area northeast of building 18-37. Investigation of these sites is ongoing. Figures that depict this SWMU and AOC and the source for the information above can be found in Investigation Work Plan (IWP) for Lower Pajarito Canyon Aggregate Area, Revision 1 (LA-UR 10-7634), which was submitted to NMED-HWB on November 19, 2010.	Asbestos	2nd Quarter CY 2012	NA
18-0127	Steel Frame w/ Conc. Shear walls	Accelerator Building	1967-2010	None	Asbestos, RCRA metals, VOCs	2nd Quarter CY 2012	NA
18-0129	Cast Concrete	Reactor Sub-Assembly Building	1962-2009	AOC 18-012(c) consists of an inactive sump and two drainlines from building 18-141. One drainline is a 4-in. cast-iron pipe attached to the floor drain of a sump located in the pit of building 18-141. This drainline exits the south side of the building and discharges through an outfall that empties into a former drainage ditch approximately 80 ft east of building 18-141. The second drainline is a 3-in. cast-iron pipe connected to floor drains and sinks in building 18-141. Building 18-141 housed an ultrasonic cleaner, located in a pit below the floor, which used ethanol and benzene to clean beryllium parts and possibly radioactive materials. Investigation of this site is ongoing. Figures that depict this SWMU and the source for the information above can be found in Investigation Work Plan (IWP) for Lower Pajarito Canyon Aggregate Area, Revision 1 (LA-UR 10-7634), which was submitted to NMED-HWB on November 19, 2010.	TPH, PCBs, VOCs, RCRA Metals	2nd Quarter CY 2012	NA

Technical Area (TA) and Building Number	Type of Structure	Current and Historic Uses	Approximate Dates of Operation	Solid Waste Management Units (SWMU)/ Areas of Concern (AOC) w/in 50 ft. of Footprint	Category	Date/Quarter Demolition Expected to Begin	Buildings or Fixed Structures identified in previous fiscal year that were not demolished
18-0141	Reinf. Masonry Structure	Ultra-Sonic Cleaning Building	1966-2009	AOC 18-012(c) consists of an inactive sump and two drainlines from building 18-141. One drainline is a 4-in. cast-iron pipe attached to the floor drain of a sump located in the pit of building 18-141. This drainline exits the south side of the building and discharges through an outfall that empties into a former drainage ditch approximately 80 ft east of building 18-141. The second drainline is a 3-in. cast-iron pipe connected to floor drains and sinks in building 18-141. Building 18-141 housed an ultrasonic cleaner, located in a pit below the floor, which used ethanol and benzene to clean beryllium parts and possibly radioactive materials. Investigation of this site is ongoing. Figures that depict this SWMU and the source for the information above can be found in Investigation Work Plan (IWP) for Lower Pajarito Canyon Aggregate Area, Revision 1 (LA-UR 10-7634), which was submitted to NMED-HWB on November 19, 2010.	VOCs, SVOCs, PCBs, Be, Asbestos, RCRA Metals	2nd Quarter CY 2012	NA

Technical Area (TA) and Building Number	Type of Structure	Current and Historic Uses	Approximate Dates of Operation	Solid Waste Management Units (SWMU)/ Areas of Concern (AOC) w/in 50 ft. of Footprint	Category	Date/Quarter Demolition Expected to Begin	Buildings or Fixed Structures identified in previous fiscal year that were not demolished
18-0187	Premanufactured Metal Tower	Guard Station	1986-2010	SWMU 18-002(b) is an inactive firing site at TA-18 in Three Mile Canyon near the present location of building 18-0032 (Kiva 2). The firing site was used from 1944 to 1945. The site consisted of a 2 ft-long × 2 ft-wide × 2-ft-deep firing chamber (former structure 18-0004) constructed from 1-in.-thick steel and an aboveground armored bunker (structure 18-0005), commonly called a "battleship," used to protect shot instrumentation. The top of the firing chamber was open and set flush with the ground west of structure 18-0005. A ground-level wooden structure (former structure 18-0006), located east of structure 18-0005, was the battery building for the firing site cable conduit system. It contained racks of lead-acid batteries. Structure 18-0004 was removed in 1945, structure 18-0006 was dismantled in 1951, and structure 18-0005 remains. Three additional firing points further up canyon are associated with SWMU 18-002(b). Firing Point C (now beneath building 18-0032) was 51 ft west of structure 18-0005 and on its midline. Firing Point G, located at the southeast corner of the current storage building 18-0122, was 145 ft west of structure 18-0005 on its midline. Firing Points C and G were used in firing operations involving smaller charges than the third firing point. The third firing point, Medium Firing Point, was built to handle HE charges of up to 2 tons. It was located 478 ft west of structure 18-0005 and 15 ft south of its midline. AOC C-00-012 consists of the Three Mile Canyon system. Figures that depict this SWMU and AOC and the source for the information above can be found in <i>Investigation Work Plan (IWP) for Lower Pajarito Canyon Aggregate Area, Revision 1</i> (LA-UR 10-7634), which was submitted to NMED-HWB on November 19, 2010.	Lead	2nd Quarter CY 2012	NA
18-0188	Premanufactured Metal Tower	Guard Station	1984-2010	None	Lead	2nd Quarter CY 2012	NA
18-0190	Reinf. Masonry Structure	Guard Station	1986-2010	None	TPH, PCBs	2nd Quarter CY 2012	NA
18-0227	Steel Frame w/ Conc. Shear walls	Lab	1990-2009	None	RCRA metals, VOCs, SVOCs, TPH, PCBs	2nd Quarter CY 2012	NA
18-0270	Steel Moment Frame	Guard Station	1990-2011	None	Lead	2nd Quarter CY 2012	NA
18-0277	Morgan Shed	Storage	1994-2010	None	None	2nd Quarter CY 2012	NA

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18-0297	Metal Building	Storage	1997-2009	SWMU 18-005(a) consists of an area of potentially contaminated soil associated with a former magazine (structure 18-0015) that was used from 1945 until it was demolished in 1977. The magazine was a small, round, dirt-bermed wooden structure constructed at grade and located west of building 18-297. The magazine originally stored HE for firing-site activities conducted at SWMU 18-002(a). Uranium and beryllium oxide were also stored in the magazine for nuclear criticality studies conducted from approximately 1946 to 1955. Investigation of this site is ongoing. Figures that depict this SWMU and the source for the information above can be found in Investigation Work Plan (IWP) for Lower Pajarito Canyon Aggregate Area, Revision 1 (LA-UR 10-7634), which was submitted to NMED-HWB on November 19, 2010.	None	2nd Quarter CY 2012	NA
35-0033	Cooling tower	Cooling tower	1967-2011	SWMU 35-009(d) is an abandoned 1600-gal. septic tank and leach field located east of structure 35-0033. SWMU 35-016(p) is an outfall northwest of building 35-0033 that discharged noncontact cooling water condensate from building 35-0027. SWMUs 35-009(d) and 35-016(p) were investigated and found to pose no unacceptable risk or dose under a residential scenario and were recommended for corrective action complete without controls. Figures that depict these SWMUs and the sources for the information above can be found in the Sampling and Analysis Plan for the Middle Mortandad/Ten Site Aggregate (LA-UR-02-0244), which was submitted to NMED-HWB in March 2002 by letter and the Investigation Report for Middle Mortandad/Ten Site Aggregate (LA-UR-08-0336), which was submitted to NMED-HWB in February 2008 by letter.	Asbestos	2nd Quarter CY 2012	NA

Technical Area (TA) and Building Number	Type of Structure	Current and Historic Uses	Approximate Dates of Operation	Solid Waste Management Units (SWMU)/ Areas of Concern (AOC) w/in 50 ft. of Footprint	Category	Date/Quarter Demolition Expected to Begin	Buildings or Fixed Structures identified in previous fiscal year that were not demolished
35-0046	Reinforced Conc./CMU	Records Storage	1962-2010	SWMU 35-004(a) consists of an outdoor storage area to the east of structure 35-0046. SWMU 35-009(e) is a 4-in. vitrified clay pipe connected to floor drains inside structure 35-0025. SWMU 35-016(d) is an inactive outfall the formerly discharged noncontact cooling water from structure 35-0046. SWMU 35-014(a) is a former area of soils contaminated by radionuclide emissions from a tritium glovebox facility. These SWMUs were investigated and found to pose no unacceptable risk or dose under a residential scenario (SWMUs 35-004[a] and 35-014[a]) or recreational scenario (SWMUs 35-009[e] and 35-016[d]) and were recommended for corrective action complete. Figures that depict these SWMUs and the sources for the information above, can be found in the Sampling and Analysis Plan for the Middle Mortandad/Ten Site Aggregate (LA-UR-02-0244), which was submitted to NMED-HWB in March 2002 by letter and the Investigation Report for Middle Mortandad/Ten Site Aggregate (LA-UR-08-0336), which was submitted to NMED-HWB in February 2008 by letter.	Asbestos, Tritium	2nd Quarter CY 2012	NA
35-0224	Office Trailer	Office Trailer	1969-2010	Structure 35-0224 is located within the footprint of SWMU 35-014(a) , which is a former area of soils contaminated by radionuclide emissions from a tritium glovebox facility. SWMU 35-014(a) was investigated and found to pose no unacceptable risk or dose under a residential scenario and was recommended for corrective action complete without controls. Figures that depict this SWMU and the sources for the information above can be found in the Sampling and Analysis Plan for the Middle Mortandad/Ten Site Aggregate (LA-UR-02-0244), which was submitted to NMED-HWB in March 2002 by letter and the Investigation Report for Middle Mortandad/Ten Site Aggregate (LA-UR-08-0336), which was submitted to NMED-HWB in February 2008 by letter.	Asbestos, Tritium	2nd Quarter CY 2012	NA

Technical Area (TA) and Building Number	Type of Structure	Current and Historic Uses	Approximate Dates of Operation	Solid Waste Management Units (SWMU)/ Areas of Concern (AOC) w/in 50 ft. of Footprint	Category	Date/Quarter Demolition Expected to Begin	Buildings or Fixed Structures identified in previous fiscal year that were not demolished
35-0226	Office Trailer	Office Trailer	1963-2010	Structure 35-0226 is located within the footprint of SWMU 35-014(a) , which is a former area of soils contaminated by radionuclide emissions from a tritium glovebox facility. SWMU 35-014(a) was investigated and found to pose no unacceptable risk or dose under a residential scenario and was recommended for corrective action complete without controls. Figures that depict this SWMU and the sources for the information above, can be found in the Sampling and Analysis Plan for the Middle Mortandad/Ten Site Aggregate (LA-UR-02-0244), which was submitted to NMED-HWB in March 2002 by letter and the Investigation Report for Middle Mortandad/Ten Site Aggregate (LA-UR-08-0336), which was submitted to NMED-HWB in February 2008 by letter.	Asbestos, Tritium	2nd Quarter CY 2012	NA
35-0227	Office Trailer	Office Trailer	1966-2010	Structure 35-0227 is located within the footprint of SWMU 35-014(a) , which is a former area of soils contaminated by radionuclide emissions from a tritium glovebox facility. SWMU 35-014(a) was investigated and found to pose no unacceptable risk or dose under a residential scenario and was recommended for corrective action complete without controls. Figures that depict this SWMU and the sources for the information above, can be found in the Sampling and Analysis Plan for the Middle Mortandad/Ten Site Aggregate (LA-UR-02-0244), which was submitted to NMED-HWB in March 2002 by letter and the Investigation Report for Middle Mortandad/Ten Site Aggregate (LA-UR-08-0336), which was submitted to NMED-HWB in February 2008 by letter.	Asbestos, Tritium	2nd Quarter CY 2012	NA

Technical Area (TA) and Building Number	Type of Structure	Current and Historic Uses	Approximate Dates of Operation	Solid Waste Management Units (SWMU)/ Areas of Concern (AOC) w/in 50 ft. of Footprint	Category	Date/Quarter Demolition Expected to Begin	Buildings or Fixed Structures identified in previous fiscal year that were not demolished
35-0261	Office Trailer	Office Trailer	1985-2011	SWMU 35-009(c) is an inactive septic tank and leach field located west of building 35-0261. SWMU 35-016(o) consists of four storm drains and outfalls discharging to Mortandad Canyon north of building 35-0002. These SWMUs were investigated and found to pose no unacceptable risk or dose under a residential scenario (SWMU 35-009[c]) or recreational scenario (SWMU 35-016[o]) and were recommended for corrective action complete. Figures that depict these SWMUs and the sources for the information above can be found in the Sampling and Analysis Plan for the Middle Mortandad/Ten Site Aggregate (LA-UR-02-0244), which was submitted to NMED-HWB in March 2002 by letter and the Investigation Report for Middle Mortandad/Ten Site Aggregate (LA-UR-08-0336), which was submitted to NMED-HWB in February 2008 by letter.	None	2nd Quarter CY 2012	NA
35-0262	Office Trailer	Office Trailer	1985-2011	SWMU 35-016(o) consists of four storm drains and outfalls discharging to Mortandad Canyon north of building 35-0002. SWMU 35-016(o) was investigated and found to pose no unacceptable risk or dose under a recreational scenario and was recommended for corrective action complete. Figures that depict this SWMU and the sources for the information above can be found in the Sampling and Analysis Plan for the Middle Mortandad/Ten Site Aggregate (LA-UR-02-0244), which was submitted to NMED-HWB in March 2002 by letter and the Investigation Report for Middle Mortandad/Ten Site Aggregate (LA-UR-08-0336), which was submitted to NMED-HWB in February 2008 by letter.	None	2nd Quarter CY 2012	NA
35-0263	Office Trailer	Office Trailer	1985-2011	None	None	2nd Quarter CY 2012	NA

Technical Area (TA) and Building Number	Type of Structure	Current and Historic Uses	Approximate Dates of Operation	Solid Waste Management Units (SWMU)/ Areas of Concern (AOC) w/in 50 ft. of Footprint	Category	Date/Quarter Demolition Expected to Begin	Buildings or Fixed Structures identified in previous fiscal year that were not demolished
43-0024	Office Trailer	Office Trailer	1985-2011	AOC 43-001(b1) consists of a pipe that received discharges from a drinking fountain and hand washing sink in building 43-0024. This AOC was proposed for NFA and NFA was approved by EPA. A description of this site is provided in the OU 1136 RFI Work Plan (LA-UR-94-1244), which was submitted to NMED in May 1994 by letter. AOC C-43-001 is a storm-drain outfall that flows into Los Alamos Canyon. It collects runoff from the Health Research Laboratory (HRL) (building 43-0001) loading dock and also functions as the overflow from the lift station (structure 43-0010). Investigation of this site is ongoing. Figures that depict this AOC and the sources for the information above can be found in the Phase II Investigation Work Plan for Upper Los Alamos Canyon Aggregate Area (LA-UR-10-6327), which was submitted to NMED-HWB in October 2010 by letter.	Asbestos	2nd Quarter CY 2012	NA
43-0045	Office Trailer	Office Trailer	1991-2011	SWMU 43-001(a1) is a disconnected 4-in. cast-iron sanitary sewer line that served building 43-0001 until 1981, when TA-43 sewer lines were redirected to the TA-03 treatment plant. AOC 43-001(a2) is the sanitary sewer line that served TA-43 after 1981. Investigation of these sites has been deferred until deactivation of nearby utilities and removal of associated buildings. Figures that depict these AOCs and the sources for the information above can be found in the Investigation Work Plan for Upper Los Alamos Canyon Aggregate Area (LA-UR-06-0226), which was submitted to NMED-HWB in April 2006 by letter.	Asbestos	2nd Quarter CY 2012	NA
57-0041	Concrete	Pump House	1980-2010	AOC 57-004(b) is a 5-million-gal., plastic-lined settling pond located southwest of the main TA-57 operating area. The pond was constructed in 1982 and formerly contained circulation fluids from geothermal wells. The pond has a synthetic membrane liner with an underdrain system below the liner. In 2002, the pond, which was regulated under the New Mexico Oil Conservation Division regulations underwent regulatory closure and was modified for use in the Milagro gamma-ray observatory project, which did not require a permit. The pond was cleaned out, instrumented with over 700 photomultiplier tubes, refilled with purified water, and covered with a light-proof cover consisting of a synthetic membrane. The Milagro project has since ended and the photomultiplier tubes removed have been removed. A description of AOC 57-004(b) has not been included in any documents formerly submitted to NMED-HWB.	Asbestos	2nd Quarter CY 2012	NA

UPDATED - Demolition Reporting
2nd Quarter Calendar Year 2012
(April 1, 2012 - June 30, 2012)

ENCLOSURE 1

Technical Area (TA) and Building Number	Type of Structure	Current and Historic Uses	Approximate Dates of Operation	Solid Waste Management Units (SWMU)/ Areas of Concern (AOC) w/in 50 ft. of Footprint	Category	Date/Quarter Demolition Expected to Begin	Buildings or Fixed Structures Identified in previous fiscal year that were not demolished
57-0049	Trailer	Trailer	1962-2011	None	None	2nd Quarter CY 2012	NA
57-0074	Office Trailer	Office Trailer	1987-2010	AOC 57-004(b) is a 5-million-gal., plastic-lined settling pond located southwest of the main TA-57 operating area. The pond was constructed in 1982 and formerly contained circulation fluids from geothermal wells. The pond has a synthetic membrane liner with an underdrain system below the liner. In 2002, the pond, which was regulated under the New Mexico Oil Conservation Division regulations underwent regulatory closure and was modified for use in the Milagro gamma-ray observatory project, which did not require a permit. The pond was cleaned out, instrumented with over 700 photomultiplier tubes, refilled with purified water, and covered with a light-proof cover consisting of a synthetic membrane. The Milagro project has since ended and the photomultiplier tubes removed have been removed. A description of AOC 57-004(b) has not been included in any documents formerly submitted to NMED-HWB.	None	2nd Quarter CY 2012	NA
57-0077	Steel Light Frame	Pump House	1995-2010	AOC 57-004(b) is a 5-million-gal., plastic-lined settling pond located southwest of the main TA-57 operating area. The pond was constructed in 1982 and formerly contained circulation fluids from geothermal wells. The pond has a synthetic membrane liner with an underdrain system below the liner. In 2002, the pond, which was regulated under the New Mexico Oil Conservation Division regulations underwent regulatory closure and was modified for use in the Milagro gamma-ray observatory project, which did not require a permit. The pond was cleaned out, instrumented with over 700 photomultiplier tubes, refilled with purified water, and covered with a light-proof cover consisting of a synthetic membrane. The Milagro project has since ended and the photomultiplier tubes removed have been removed. A description of AOC 57-004(b) has not been included in any documents formerly submitted to NMED-HWB.	None	2nd Quarter CY 2012	NA
57-0084	Slab	Slab	2001-2010	None	None	2nd Quarter CY 2012	NA

Technical Area (TA) and Building Number	Type of Structure	Current and Historic Uses	Approximate Dates of Operation	Solid Waste Management Units (SWMU)/ Areas of Concern (AOC) w/in 50 ft. of Footprint	Category	Date/Quarter Demolition Expected to Begin	Buildings or Fixed Structures identified in previous fiscal year that were not demolished
57-0085	Slab	Slab	2001-2010	AOC 57-004(b) is a 5-million-gal., plastic-lined settling pond located southwest of the main TA-57 operating area. The pond was constructed in 1982 and formerly contained circulation fluids from geothermal wells. The pond has a synthetic membrane liner with an underdrain system below the liner. In 2002, the pond, which was regulated under the New Mexico Oil Conservation Division regulations underwent regulatory closure and was modified for use in the Milagro gamma-ray observatory project, which did not require a permit. The pond was cleaned out, instrumented with over 700 photomultiplier tubes, refilled with purified water, and covered with a light-proof cover consisting of a synthetic membrane. The Milagro project has since ended and the photomultiplier tubes removed have been removed. A description of AOC 57-004(b) has not been included in any documents formerly submitted to NMED-HWB.	None	2nd Quarter CY 2012	NA
57-0115	Server Trailer	Server Trailer	1995-2010	None	None	2nd Quarter CY 2012	NA
57-0118	Slab	Slab	1996-2010	AOC 57-004(b) is a 5-million-gal., plastic-lined settling pond located southwest of the main TA-57 operating area. The pond was constructed in 1982 and formerly contained circulation fluids from geothermal wells. The pond has a synthetic membrane liner with an underdrain system below the liner. In 2002, the pond, which was regulated under the New Mexico Oil Conservation Division regulations underwent regulatory closure and was modified for use in the Milagro gamma-ray observatory project, which did not require a permit. The pond was cleaned out, instrumented with over 700 photomultiplier tubes, refilled with purified water, and covered with a light-proof cover consisting of a synthetic membrane. The Milagro project has since ended and the photomultiplier tubes removed have been removed. A description of AOC 57-004(b) has not been included in any documents formerly submitted to NMED-HWB.	None	2nd Quarter CY 2012	NA
57-0121	Slab	Slab	2001-2010	None	None	2nd Quarter CY 2012	NA
57-0122	Slab	Slab	2001-2010	None	None	2nd Quarter CY 2012	NA
57-0123	Slab	Slab	2001-2010	None	None	2nd Quarter CY 2012	NA

ENCLOSURE 2

2nd Quarter Calendar Year 2012 Demolition Notification – Building Hazardous Material Descriptions

ENV-RCRA-12-0088

LAUR: 12-20498

Date: **MAY 10 2012**

ENCLOSURE 2- Attachment for 2nd Quarter Calendar Year 2012 Demolition Notification – Building Hazardous Material Descriptions

TA and Building Number	Hazardous Material that may be present	Description of Process that may result in the presence of hazardous materials
03-0058	Asbestos	Transite siding and Thermal Systems Insulation
03-0285	Asbestos	Transite siding and Thermal Systems Insulation
03-0187	Asbestos	Transite siding and Thermal Systems Insulation
35-0033	Asbestos	Transite siding and Thermal Systems Insulation
18-0037	Asbestos	VAT Flooring
18-0127	Asbestos, RCRA metals, VOCs	Former SAA in high bay area of building, Former lead storage area in basement
18-0227	RCRA metals, VOCs, SVOCs, TPH, PCBs	Former SAA in this building
18-0270	Lead	Potential for leaded paint and glass
18-0187	Lead	Potential for leaded paint and glass
18-0188	Lead	Potential for leaded paint and glass
18-0190	TPH, PCBs	Hydraulic fluid leaks
18-0129	TPH, PCBs, VOCs, RCRA Metals	Prior lead storage, Former SAA, Oil staining in equipment room
18-0141	VOCs, SVOCs, PCBs, Be, Asbestos , RCRA Metals	Cleaning processes, Prior Pb and Be Storage
03-0097	Asbestos	Roofing, Flooring
03-1664	TPH, PCBs	Possible oil staining
03-0462	Asbestos	Floor Tile, Roofing Products
03-1530	Asbestos	Floor Tile
03-1549	Asbestos	Floor Tile, Roofing Products
03-1550	Asbestos	Floor Tile, Roofing Products

ENCLOSURE 2- Attachment for 2nd Quarter Calendar Year 2012 Demolition Notification – Building Hazardous Material Descriptions

TA and Building Number	Hazardous Material that may be present	Description of Process that may result in the presence of hazardous materials
03-1789	Asbestos	Floor Tile/Linoleum
03-2018	Asbestos	Floor Tile/Linoleum
43-0024	Asbestos	Floor Tile, Roofing Products
35-0046	Asbestos, Tritium	Floor Tile, Roofing Products, Thermal Systems Insulation, Tritium Air Emissions
35-0224	Asbestos, Tritium	Floor Tile, Roofing Products, Tritium Air Emissions
35-0226	Asbestos, Tritium	Floor Tile, Roofing Products, Tritium Air Emissions
35-0227	Asbestos, Tritium	Floor Tile, Roofing Products, Tritium Air Emissions
57-0041	Asbestos	Gaskets, Roofing Products
43-0045	Asbestos	Floor Tile, Roofing Products

ACM= Asbestos Containing Material
 PACM= Presumes Asbestos Containing Material
 VOC= Volatile Organic Carbon
 SVOC= Semi-Volatile Organic Carbon
 TPH= Total Petroleum Hydrocarbon
 RCRA= Resource Conservation and Recovery Act
 PCB=Polychlorinated Biphenyls



COPY



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MAY 10 2012

Date:
Refer To: ENV-RCRA-12-0088
LAUR: 12-20498

Mr. John E. Kieling
Acting Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6313



**SUBJECT: UPDATED ENCLOSURES FOR BUILDINGS OR FIXED STRUCTURES
SCHEDULED TO BE DEMOLISHED 2ND QUARTER CALENDAR YEAR 2012**

Dear Mr. Kieling:

The purpose of this letter is to submit an updated list of buildings or fixed structures scheduled to be demolished during the 2nd Quarter, Calendar Year 2012 (April 1, 2012 through June 30, 2012) along with additional information requested by the New Mexico Environment Department – Hazardous Waste Bureau (NMED-HWB) in a teleconference call on April 11, 2012. The Permittees are providing this information in accordance with an agreement reached during a teleconference call on November 16, 2011 between the NMED-HWB, the Department of Energy (DOE) and Los Alamos National Security (LANS) representatives. It was agreed that on or before the last day of each quarter, DOE/LANS would provide a report to the NMED-HWB that would list the structures anticipated to be demolished the following quarter.

The additional information requested by the NMED-HWB, along with the updated list of buildings or structures, includes previous notification reporting on the following structures:

Structure	Correspondence	Letter Number and Date
03-0058	1 st Qtr CY 2012	ENV-RCRA -11-0272 December 12, 2012
03-0097	1 st Qtr CY 2012	ENV-RCRA -11-0272 December 12, 2012
03-0187	1 st Qtr CY 2012	ENV-RCRA -11-0272 December 12, 2012