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Date: July 18, 2011
Refer To: ENV-RCRA-11-0130
LAUR: 11-03747

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

Dear Mr. Kieling:

SUBJECT: NOTIFICATION OF DEMOLITION ACTIVITIES FOR THIRD QUARTER 2011

The purpose of this letter is to submit notification of demolition activities for the third quarter (July 1, 2011 through September 30, 2011) of 2011. This submittal is required by the Los Alamos National Laboratory (LANL) Hazardous Waste Facility Permit (the Permit) issued by the New Mexico Environment Department Hazardous Waste Bureau (NMED-HWB) to the U.S. Department of Energy and Los Alamos National Security, LLC (Permittees), effective December 30, 2010. Section 1.17.1 of the Permit sets forth the requirements for notification of demolition activities. The enclosed spreadsheet and attachment contain the listing of buildings and fixed structures scheduled to be demolished and a description of the processes or conditions that may result in the presence of hazardous material required by Permit Section 1.17.1.

Section 1.17.2 of the Permit requires that a demolition notification must be submitted to NMED on or before the last day of each quarter. Therefore, this notification was due no later than June 30, 2011. However, the Las Conchas Wildfire forced closure of LANL beginning June 27, 2011. By letter dated June 28, 2011, NMED-HWB granted Permittees' request for a two-week extension from the date the Laboratory re-opened for this compliance deadline. LANL re-opened on July 6, 2011, and as a result, this notification is due no later than July 20, 2011.

On July 6, 2011, the Permittees received a letter from NMED-HWB, *Review – Response to Notice of Disapproval Demolition Activities for Second Quarter* requesting the following information and requirements for demolition activities/reporting:

- “The Permittees must document the demolition activities to ensure that there are no impacts to the sampling locations and depths proposed in the approved IWP.”
- “In future submittals, include a figure depicting location of these buildings in relation to SWMU/AOCs located within 50 feet of the building footprint to facilitate review of the document.”
- “The Permittees must also include references to the document used as a source of information on SWMUs/AOCs located within 50 feet of the building footprint.”
- “Pursuant to Section 1.17.3 of the Los Alamos National Laboratory Hazardous Waste Permit (Permit), NMED hereby requires notice of demolition 30 days prior to the commencement of demolition activities, for the following structures:, the Permittees provided what is considered to be the 30-day notice pursuant to Permit Section 1.17.3 regarding demolition of the following structures:
 - TA-18-0028, Warehouse Metal Building
 - TA-18-0030, Office Buildings and Machine Shops
 - TA-18-0031, Utility and other Service Buildings
 - TA-18-0147, Office Buildings
 - TA-18-0189, Communications/Control Center.”

In response to NMED-HWB’s July 6, 2011 letter, the Permittees will complete the following:

- The Permittees will document the demolition activities and ensure that there are no impacts to the sampling locations and depths proposed in the approved IWP.
- Although not required under Section 1.17 of the Permit, the Permittees will voluntarily provide figures or references to figures (for documents previously provided to NMED-HWB) regarding buildings proposed for demolition within 50 feet of SWMUs/AOCs for future submittals. References to figures for this Third Quarter 2011 submittal can be found in the attached spreadsheet within the “Solid Waste Management Units (SWMU)/Area of Concern (AOC) w/in 50 ft of footprint” column.
- The Permittees will provide references to the document used as a source of information on SWMUs/AOCs located within 50 feet of the building footprint within the cover letter or as part of the “Solid Waste Management Units (SWMU)/Area of Concern (AOC) w/in 50 ft of footprint” column within the enclosure for future submittals. Information in the attached Third Quarter 2011 spreadsheet contains references to the sources of information.
- The Permittees provided the 30-day notice of demolition required under Permit Section 1.17.3 in its March 29, 2011 letter *Notification of Additional Demolition Activities for the Second Quarter of 2011* for the following structures: TA-18-0028, Warehouse Metal Building; TA-18-0030, Office Buildings and Machine Shops; TA-18-0031, Utility and other Service Buildings; TA-18-0147, Office Buildings; and TA-18-0189, Communications/Control Center. In addition, NMED-HWB was provided prior notification of demolition of the above identified structures in the September 22, 2009 letter to NMED-HWB, *Building for Fixed Structures Scheduled to Be Demolished During Fiscal Year 2009*.

If you have questions or comments concerning this submittal, please contact Gene Turner (LASO) 667-5794 or Mark Haagenstad (LANS, LLC) 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
Los Alamos Site Office
National Nuclear Security Administration

ARG:GET/lm

Enclosures: a/s

Cy: Gene Turner, LASO-EO, w/enc., A316
Carl A. Beard, PADOPS, w/o enc., A102
J. Chris Cantwell, ADESHQ, w/o enc., K491
Mark Haagenstad, ENV-RCRA, w/o enc., K404, (E-File)
Catherine Juarez, ENV-RCRA, w/enc., K404, (E-File)
Marjorie Stockton, ENV-ES, w/enc., K760
John Tymkowych, ENV-ES, w/enc., C925
Connie Gerth, ENV-ES, w/enc., C919
Randy Johnson, ENV-ES, w/enc., E500
Alison Dorries, WES-DO, w/o enc., K491
Jim Jones, SP-DO, w/enc., J590
Ken Schlindwein, IP-DO, w/enc., M895
Janet Harry, IP-SDFD, w/enc., M895
Darrik Stafford, SP-DISP, w/enc., J590
Ian Albright, PMF-FUNCT, w/enc., J590
ENV-RCRA File, w/enc., K490
IRM-RMMSO, w/enc., A150

Demolition Reporting
3rd Quarter 2011

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 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	3rd Quarter	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 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	3rd Quarter	NA
09-0272	Transportable-Wood Lt. Frame	Offices	1988-2011	None	N/A	3rd Quarter	NA
09-0273	Transportable-Wood Lt. Frame	Offices	1984-2010	None	N/A	3rd Quarter	NA
15-0456	Transportable-Wood Lt. Frame	Offices	1984-2011	SWMU 15-009(k) is a septic tank (structure 15-423) located approximately 250 ft north a radiographic support laboratory (Building 15-313). This septic tank has a capacity of 1000 gal. and is constructed of reinforced concrete. SWMU 15-009(k) received sanitary waste from Building 15-313 and is no longer active. SWMU 15-014(a) is a former NPDES-permitted outfall that is used for discharges from various drains in Building 15-183. This outfall has been in use since 1961. Originally, waste discharged to this outfall included photographic waste. The drain associated with this outfall was replaced in 1987 with a new drain installed at the same location. This outfall was removed from the NPDES permit January 14, 1998. SWMU 15-014(b) consisted of two separate outfalls from drains in Building 15-183. Drains discharging to these outfalls included 13 floor drains, five sinks, and a water fountain. In 1992, the drains from the buildings were connected to the SWSC, and thus there is no longer flow into the outfalls. In the addition the area was disturbed during construction. Figures that depict these SWMUs and the source for the information above, can be found in <i>Investigation Work Plan for Canon de Valle Aggregate Area</i> (LA-UR-06-4960), that was submitted to the NMED-HWB in September 2006 by letter.	N/A	3rd Quarter	NA

Demolition Reporting
3rd Quarter 2011

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
18-0037	Reinf. Concrete Structure	Guard Station	1953-2009	<p>AOC 18-010(d) is an outfall at TA-18 that receives discharge in the form of sheet flow from a storm drainage collection area that drains the paved area northeast of building 18-0037. The outfall discharges to a flat graveled and grassy area southeast of building 18-0037 and west of building 18-0258. The discharge point is approximately 100 ft north of the stream channel in Pajarito Canyon. The date this outfall became operational is unknown, but it is likely that the outfall has been operational from the time building 18-0037 was constructed in 1951. Figures that depict these 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 by letter.</p>	Asbestos	3rd Quarter	NA
18-0129	Reinf. Concrete Structure	Reactor Sub-Assy Bldg.	1962-2009	None	Asbestos, VOC's, Lead	3rd Quarter	NA
18-0141	Reinf. Masonry Structure	Ultra-Sonic Cleaning Bldg.	1966-2009	<p>AOC 18-012(c) consists of an inactive sump, drainlines, and outfall from Building 18-141, which housed ultrasonic cleaning operations. The ultrasonic cleaner used ethanol and benzene and was located in a pit below the floor of the building. A drainline from this pit leads to an outfall east of the building. Material spilled in the pit would have been discharged to this outfall, which is located adjacent to a drainage ditch approximately 80 ft east of Building 18-141. Figures that depict these 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.</p>	Asbestos, VOC's, Lead, Beryllium	3rd Quarter	NA

Demolition Reporting
3rd Quarter 2011

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 x 2 ft-wide x 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 upcanyon 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.	N/A	3rd Quarter	NA
18-0188	Premanufactured Metal Tower	Guard Station	1984-2010	None	N/A	3rd Quarter	NA
18-0190	Reinf. Masonry Structure	Guard Station	1986-2010	None	Asbestos	3rd Quarter	NA
22-0001 (partial)	Metal and wood framed	Shower Rooms	1948-1984	SWMU 22-012 is a concrete pad that was used for washing explosive-contaminated equipment with water. SWMU 22-015(e) is an inactive explosives sump that collected water through interconnected drainlines from a wash pad and sink drain in Room 108 of Building 22-1. The sump was filled with concrete in 1984 after the building was no longer in use. Figures that depict these SWMUs and the source for the information above can be found in <i>Investigation Work Plan (IWP) for Starmer/Upper Pajarito Canyon Aggregate Area, Revision 1</i> (EP2011-0066), that was submitted to the NMED-HWB by letter in March 2011.	Asbestos	3rd Quarter	NA

Demolition Reporting
3rd Quarter 2011

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
03-1524	Trailer- Wood Lt. Frame	Offices	1979-2010	AOC 03-007 is a decommissioned firing site located southeast of the building 03-1524 and within the security fence at the Sigma Complex. This AOC includes a containment building for explosive experiments (03-0159) and a personnel safety barrier (structure 03-0160). The site was remediated in the late 1970s, and no explosive compounds were detected. In the mid-1980s, building 03-0159 was modified to serve as a storage building for thoria (oxide) and thorium (metal), which were containerized within the building. This AOC will not be impacted during D&D activities and has been investigated. Figures that depict the AOC and the source for the information above can be found in <i>Phase II Investigation Work Plan for Upper Mortandad Canyon Aggregate Area, Revision 1</i> , (LA-UR-11-2489) that was submitted to the NMED-HWB by letter in May 2011.	N/A	3rd Quarter	NA
03-1525	Trailer- Wood Lt. Frame	Offices	1979-2010	AOC 03-007 is a decommissioned firing site located south of the building 03-1525 and within the security fence at the Sigma Complex. This AOC includes a containment building for explosive experiments (03-0159) and a personnel safety barrier (structure 03-0160). The site was remediated in the late 1970s, and no explosive compounds were detected. In the mid-1980s, building 03-0159 was modified to serve as a storage building for thoria (oxide) and thorium (metal), which were containerized within the building. This AOC will not be impacted during D&D activities and has been investigated. Figures that depict the AOC and the source for the information above can be found in <i>Phase II Investigation Work Plan for Upper Mortandad Canyon Aggregate Area, Revision 1</i> , (LA-UR-11-2489) that was submitted to the NMED-HWB by letter in May 2011.	N/A	3rd Quarter	NA
03-1540	Trailer- Wood Lt. Frame	Offices	1983-2010	None	N/A	3rd Quarter	NA
03-1541	Trailer- Wood Lt. Frame	Offices	1983-2010	None	N/A	3rd Quarter	NA
35-0224	Trailer- Wood Lt. Frame	Offices	1969-2008	SWMU 35-014(a) is an area of soil contaminated by laboratory radionuclide stack emissions from a former air filter building (former Building 35-7). This site has been investigated and addressed as part of the Middle Mortandad Investigation. Figures that depict the SWMU and the source for the information above can be found in <i>Investigation Report for the Middle Mortandad/Ten Site Aggregate, Revision 1</i> (LA-UR-07-4716) that was submitted to the NMED-HWB by letter in July 2007.	Asbestos, Tritium	3rd Quarter	NA
35-0226	Trailer- Wood Lt. Frame	Offices	1963-2008	SWMU 35-014(a) is an area of soil contaminated by laboratory radionuclide stack emissions from a former air filter building (former Building 35-7). This site has been investigated and addressed as part of the Middle Mortandad Investigation. Figures that depict the SWMU and the source for the information above can be found in <i>Investigation Report for the Middle Mortandad/Ten Site Aggregate, Revision 1</i> (LA-UR-07-4716) that was submitted to the NMED-HWB by letter in July 2007.	Asbestos, Tritium	3rd Quarter	NA

Demolition Reporting
3rd Quarter 2011

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
35-0227	Trailer- Wood Lt. Frame	Offices	1966-2008	SWMU 35-014(a) is an area of soil contaminated by laboratory radionuclide stack emissions from a former air filter building (former Building 35-7). This site has been investigated and addressed as part of the Middle Mortandad Investigation. Figures that depict the SWMU and the source for the information above can be found in <i>Investigation Report for the Middle Mortandad/Ten Site Aggregate, Revision 1</i> (LA-UR-07-4716) that was submitted to the NMED-HWB by letter in July 2007.	Asbestos, Tritium	3rd Quarter	NA
46-0119	Transportable- Wood Lt. Frame	Offices	1977-2010	SWMU 46-004(f) is an inactive outfall from an industrial drainline that served rooms 101 through 134 of building 46-24 at TA-46. The outfall consists of a 6-in.-diameter VCP that received discharges from a sump, acid sink, several floor and sink drains, and cooling water system. SWMU 46-003(a) is an inactive sanitary system consisting of a septic tank (structure 46-8), a manhole (structure 46-6), two distribution boxes (structures 46-9 and -10), and an associated drain field. Engineering drawings indicate that a drainpipe outfall located adjacent to Building 46-41, a warehouse, is associated with this system. The septic tank is located approximately 50 ft west of the southwest corner of Building 46-41. Figures that depict the SWMUs and the source for the information above can be found in <i>Investigation Report for Upper Cañada del Buey Aggregate Area, Revision 1</i> (LA-UR-11-2487) that was submitted to the NMED-HWB in May 2011.	Asbestos	3rd Quarter	NA
46-0180	Trailer- Wood Lt. Frame	Offices	1978-2010	AOC 46-004(e2) is the outfall from roof, floor, and sink drains in building 46-42 at TA-46. The outfall consists of a 4-in.-diameter pipe located approximately 50 ft northeast of building 46-42 at the head of a drainage ditch associated with SWMU 46-006(a). The outfall is located approximately 3 ft below the level of the asphalt pavement. Figures that depict the AOC and the source for the information above can be found in <i>Investigation Report for Upper Cañada del Buey Aggregate Area</i> (LA-UR-10-7539), that was submitted to the NMED-HWB in November 2010.	N/A	3rd Quarter	NA
46-0181	Trailer- Wood Lt. Frame	Offices	1979-2011	None	N/A	3rd Quarter	NA
46-0194	Transportable- Wood Lt. Frame	Offices	1976-2010	None	Asbestos	3rd Quarter	NA
46-0195	Transportable- Wood Lt. Frame	Offices	1977-2011	None	Asbestos	3rd Quarter	NA
46-0201	Transportable- Wood Lt. Frame	Offices	1986-2011	None	N/A	3rd Quarter	NA
46-0204	Transportable- Wood Lt. Frame	Offices	1984-2011	SWMU 46-005 consists of two surface impoundments and the drainlines that connect the impoundments to Building 46-158. The sanitary waste line from Building 46-158 is connected to the upper, southernmost impoundment. The upper impoundment has an overflow drain to the lower impoundment, which in turn has an overflow line to a former NPDES-permitted outfall into SWSC Canyon. Figures that depict the SWMU and the source for the information above can be found in <i>Investigation Report for Upper Cañada del Buey Aggregate Area</i> (LA-UR-10-7539), submitted to the NMED-HWB in November 2010.	N/A	3rd Quarter	NA

Demolition Reporting
3rd Quarter 2011

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
46-0254	Transportable-Wood Lt. Frame	Offices	1985-2010	None	N/A	3rd Quarter	NA
46-0314	Trailer- Wood Lt. Frame	Offices	1989-2010	SWMU 46-003(a) is an inactive sanitary system consisting of a septic tank (structure 46-8), a manhole (structure 46-6), two distribution boxes (structures 46-9 and -10), and an associated drain field. Engineering drawings indicate that a drainpipe outfall located adjacent to Building 46-41, a warehouse, is associated with this system. The septic tank is located approximately 50 ft west of the southwest corner of Building 46-41. SWMU 46-009(a) is a surface disposal area located at the head of SWSC Canyon near the southeastern corner of TA-46. The surface disposal area covers approximately 5000 yd ² , extending from the canyon rim to the floor of SWSC Canyon. The disposal area contains a variety of material including asphalt, concrete, plywood, pipe, and other construction materials. Figures that depict the SWMUs and the source for the information above can be found <i>Investigation Report for Upper Cañada del Buey Aggregate Area</i> (LA-UR-10-7539) that was submitted to the NMED-HWB in November 2010.	N/A	3rd Quarter	NA
46-0318	Shed	Storage	1977-2011	SWMU 46-004(f) is an inactive outfall from an industrial drainline that served rooms 101 through 134 of building 46-24 at TA-46. The outfall consists of a 6-in.-diameter VCP that received discharges from a sump, acid sink, several floor and sink drains, and cooling water system. SWMU 46-003(a) is an inactive sanitary system consisting of a septic tank (structure 46-8), a manhole (structure 46-6), two distribution boxes (structures 46-9 and -10), and an associated drain field. Engineering drawings indicate that a drainpipe outfall located adjacent to Building 46-41, a warehouse, is associated with this system. The septic tank is located approximately 50 ft west of the southwest corner of Building 46-41. Figures that depict the SWMUs and the source for the information above can be found <i>Investigation Report for Upper Cañada del Buey Aggregate Area</i> (LA-UR-10-7539) that was submitted to the NMED-HWB in November 2010.	N/A	3rd Quarter	NA
46-0342	Metal Building	Storage	1979-2011	None	N/A	3rd Quarter	NA
46-0343	Shed	Storage	1968-2011	None	N/A	3rd Quarter	NA
46-0421	Premanufactured Metal Enclosure	Radio Isolation Enclosure	1993-2011	None	N/A	3rd Quarter	NA
46-0546	Trailer	Offices	1984-2010	None	Asbestos	3rd Quarter	NA
48-0056	Transportable-Wood Lt. Frame	Offices	1987-2011	None	N/A	3rd Quarter	NA
48-0057	Modular	Offices	1987-2011	None	N/A	3rd Quarter	NA
48-0203	Trailer- Wood Lt. Frame	Offices	1995-2010	None	N/A	3rd Quarter	NA

Demolition Reporting
3rd Quarter 2011

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
55-0007	Unreinforced Masonry	The 55-7 facility was designed and constructed as a storage facility for salts and calcium metal. The facility has also served as a staff shop for metal and plastic work.	1975 to present	None	Asbestos	3rd Quarter	NA
55-0009	Wood Lt. Frame	Building 55-9 is the current personnel Entry Control Facility into the protected area.	1975 to present	None	Asbestos	3rd Quarter	NA
55-0022	Vehicle Monitoring Station	Building 55-22 is the current vehicle Entry Control Facility into the protected area and is attached to Building 55-9.	1985 to present	None	Asbestos	3rd Quarter	NA
55-0162	Steel Shear Walls	Guard tower	1985-1994	None	N/A	3rd Quarter	NA
63-0001	Masonry/Other	Offices	1965-2009	SWMU 63-001(b) is an inactive 920-gal. septic tank (structure 63-14) and its associated seepage pit and drainlines. The seepage pit is 4 ft in diameter and 50 ft deep. Formerly, the tank and seepage pit were designated as structures 52-154 and structure 00-462, respectively. This septic system served Building 63-1 and received only sanitary wastewater. The septic system was removed from service in 1993 when the lines were connected to the TA-46 SWSC. Figures that depict the SWMU and the source for the information above can be found in <i>Investigation Report for the Middle Mortandad/Ten Site Aggregate, Revision 1</i> (LA-UR-07-4716), that was submitted to the NMED-HWB in July 2007.	Asbestos	3rd Quarter	NA

Attachment for 3rd Quarter 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	Asbestos – transite siding
03-0285	Asbestos	Asbestos – transite siding
18-0037	Asbestos	PACM – roofing and floor covering materials
18-0129	Asbestos, VOCs, Lead	PACM – roofing and floor covering materials VOC’s – room was a former Satellite Accumulation Area for solvents. Oil stains found on floor of equipment room will be analyzed for VOCs, SVOCs and TPH. The lead storage area concrete will be sampled for TCLP metals. Any wall and floor areas with visible chemical staining will be sampled for VOCs and SVOCs.
18-0190	Asbestos	PACM– roofing and floor covering materials
18-0141	Asbestos, VOCs, Beryllium	PACM- roofing materials VOCs- Benzene and ethanol ere used in cleaning processes and managed in sumps via drainlines, these will be sampled for VOCs and SVOCs. Any wall and floor areas with visible chemical staining will be sampled for VOCs and SVOCs.
22-0001 (partial)	Asbestos	Asbestos – transite siding PACM- roofing mastics and flashing
35-0224	Asbestos, Tritium	ACM- flooring Tritium- trace amounts of tritium contamination slightly above background levels in roofing materials, Structures will be disposed of as low level waste.
35-0226	Asbestos, Tritium	ACM- flooring Tritium- trace amounts of tritium contamination slightly above background levels in roofing materials, Structures will be disposed of as low level waste.
35-0227	Asbestos, Tritium	ACM- flooring Tritium- trace amounts of tritium contamination slightly above background levels in roofing materials, Structures will be disposed of as low level waste.
46-0119	Asbestos	ACM – window sealant
46-0194	Asbestos	ACM – roofing
46-0195	Asbestos	ACM – roofing and mastics
46-0546	Asbestos	ACM – roofing mastics, flashings and flooring
55-0007	Asbestos	ACM – roofing mastics

Attachment for 3rd Quarter Demolition Notification – Building Hazardous Material Descriptions

55-0009	Asbestos	ACM – roofing mastics
55-0022	Asbestos	ACM – roofing mastics
63-0001	Asbestos	ACM – roofing mastics, flashings and flooring

*ACM= Asbestos Containing Material

**PACM= Presumes Asbestos Containing Material



COPY

Environmental Protection Division
 Water Quality & RCRA Group (ENV-RCRA)
 P.O. Box 1663, K490
 Los Alamos, New Mexico 87545
 (505) 667-0666/FAX (505) 667-5224

National Nuclear Security Administration
 Los Alamos Site Office, A316
 3747 West Jemez Road
 Los Alamos, New Mexico 87545
 (505) 667-5794/FAX (505) 667-5948

Date: July 18, 2011
 Refer To: ENV-RCRA-11-0130
 LAUR: 11-03747



Mr. John E. Kieling
 Bureau Chief
 Hazardous Waste Bureau

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	A. Signature <i>[Handwritten Signature]</i> <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee	
1. Article Addressed to: Mr. John E. Kieling Hazardous Waste Bureau New Mexico Environment Department 2905 Rodeo Park Drive East, Building 1 Santa Fe, NM 87505	B. Received by (Printed Name) <i>[Handwritten Name]</i>	C. Date of Delivery 7.19.11
	D. Is delivery address different from Item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
	3. Service Type <input type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.	
	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	
2. Article Number ENVRCRA 11-0130 (Transfer from service label)		

FOR THIRD QUARTER 2011

ies for the third quarter (July 1, by the Los Alamos National ed by the New Mexico the U.S. Department of Energy iber 30, 2010. Section 1.17.1 of tivities. The enclosed spreadsheet eduled to be demolished and a ce of hazardous material required

Section 1.17.2 of the Permit requires that a demolition notification must be submitted to NMED on or before the last day of each quarter. Therefore, this notification was due no later than June 30, 2011. However, the Las Conchas Wildfire forced closure of LANL beginning June 27, 2011. By letter dated June 28, 2011, NMED-HWB granted Permittees' request for a two-week extension from the date the Laboratory re-opened for this compliance deadline. LANL re-opened on July 6, 2011, and as a result, this notification is due no later than July 20, 2011.

On July 6, 2011, the Permittees received a letter from NMED-HWB, *Review – Response to Notice of Disapproval Demolition Activities for Second Quarter* requesting the following information and requirements for demolition activities/reporting: