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Date: November 28, 2011
Refer To: ENV-RCRA-11-0261
LAUR: 11-06545

Mr. John 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: RESPONSE TO LETTER DATED NOVEMBER 1, 2011 ON REVIEW
DEMOLITION NOTIFICATION FOR FISCAL YEAR 2012 LOS ALAMOS
NATIONAL LABORATORY**

The purpose of this letter is to respond to the request from the New Mexico Environment Department Hazardous Waste Bureau (NMED-HWB) to provide additional information identified in the HWB-LANL-11-MISC letter dated November 1, 2011. Enclosed with this letter are responses to the questions contained within the letter of November 1, 2011 from the NMED-HWB regarding the Fiscal Year 2012 Demolition Notification that Los Alamos National Laboratory submitted to the NMED-HWB on September 29, 2011.

Please contact Mark Haagenstad of LANS at (505) 665-2014 or mph@lanl.gov or Gene Turner with DOE/NNSA at (505) 667-5794 or gturner@doeal.gov should you have any questions.

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:CJ

Enclosure: a/s

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ENV-DO File, w/o enc., K404, (E-File)
ENV -RCRA File, w/enc., M704
IRM-RMMSO (U1102126), w/enc., A150

ENCLOSURE

**RESPONSE TO LETTER DATED NOVEMBER 1, 2011- REVIEW DEMOLITION
NOTIFICATION FOR FISCAL YEAR 2012 LOS ALAMOS NATIONAL
LABORATORY**

LA-UR-11-06545

ENV-RCRA-11-0261

The following lists NMED-HWB's comments in italics and LANL responses directly follow the comment.

- 1. The building and structures numbers listed in the first and the last column for each row in Table (Demolition Reporting Fiscal Year 2012) are similar on pages 1 to 3, but different on pages 4 to 7. It is not clear why the building or fixed structure numbers listed in the first and the last column would be different. For example, the first row on page 4 includes discussion on structure 18-0037, and the last column of the first row states that structure 18-0147 was identified but not demolished in previous fiscal year. Clarify the relationship of structure 18-0147 with structure 18-0037 and for all structures listed in these two columns on pages 4 to 7 in a replacement table.*

Response:

Attachment 1 contains the replacement table requested by NMED. The buildings and structures that were listed in the last column are now listed concurrently within the table and are highlighted in green. The column with the heading "Buildings or Fixed Structures Identified in Previous Fiscal Year that were not Demolished" is now marked with "This building was previously identified to be demolished in FY 2011 but has not yet been demolished." This applies to those buildings that are highlighted and were identified for demolition, but which were not demolished during last fiscal year.

In the fiscal year submission, all buildings that had been previously identified, but not demolished within the fiscal year were listed with no relation to the buildings identified in the first column. This information was submitted according to previous submissions under the Sigma Mesa settlement agreement.

- 2. Structure 63-0001 was included in the table entitled Attachment for FY 2012 Demolition Notification- Building Hazardous Material Descriptions but no description for this structure was provided in the table entitled Demolition Reporting Fiscal Year 2012. Revise the table to include information related to the structure 63-0001.*

Response:

Attachment 2 contains the updated table removing structure 63-0001 as no hazardous material was identified.

3. *The investigations are not complete at several Solid Waste Management Units (SWMUs) located within 50 ft. of the buildings proposed for demolition. Several of these SWMU s are or may be proposed for further investigation. Some of the proposed sampling locations are adjacent to the buildings scheduled for demolition. The demolition activities must be documented to ensure that there are no adverse impacts to SWMUs where investigations are not complete.*

Response:

The demolition activities for the SWMUs located within 50 ft. of the buildings will be documented to ensure that no adverse impacts occur to SWMUs where investigations are not complete. Should a demolition report be prepared, the Permittees will provide a copy within 30 days after the completion of the report to NMED.

4. *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:*

- 03-0058, Cooling Tower*
- 03-0285, Cooling Tower*
- 15-0456, Transportable Wood Lt. Frame*
- 18-0028, Steel Braced Frame*
- 18-0030, Concrete Sheer Walls*
- 18-0031, Concrete Sheer Walls*
- 18-0037, Reinforced Concrete Structures*
- 18-0127, Steel Frame w/Concrete Sheer Walls*
- 18-0187, Premanufactured Metal Tower*
- 18-0188, Premanufactured Metal Tower*
- 18-0189, Cast Concrete*
- 18-0190, Reinforced Masonry Structure*
- 18-0270, Steel Moment Frame*
- 22-0001, Metal and Wood Framed Structure*
- 35-0224, Trailer-Wood Lt. Frame*
- 35-0226, Trailer-Wood Lt. Frame*
- 35-0227, Trailer-Wood Lt. Frame*

Response:

The Permittees previously provided at least 30-days advance notice of demolition of the above structures as required under Permit Section 1.17, and respectfully notes that Section 1.17.3 requires a demolition completion report to be provided to NMED within 30 days after the report is written. The Permittees notified NMED of its intent to demolish the following buildings by

letter dated October 6, 2011 entitled “*Response To [NMED] Letter of August 12, 2011 Requiring 30 Day Notification of Demolition Activities for Buildings Identified In Third Quarter 2011*”:

- 03-0058, Cooling Tower
- 03-0285, Cooling Tower
- 15-0456, Transportable Wood Lt. Frame
- 18-0028, Steel Braced Frame
- 18-0030, Concrete Sheer Walls
- 18-0031, Concrete Sheer Walls
- 18-0037, Reinforced Concrete Structures
- 18-0187, Premanufactured Metal Tower
- 18-0188, Premanufactured Metal Tower
- 18-0189, Cast Concrete
- 18-0190, Reinforced Masonry Structure
- 18-0189, Cast Concrete
- 22-0001, Metal and Wood Framed Structure
- 35-0224, Trailer-Wood Lt. Frame
- 35-0226, Trailer-Wood Lt. Frame
- 35-0227, Trailer-Wood Lt. Frame

The Permittees’ notified NMED about the intent to demolish the buildings listed below by letter dated September 22, 2009 entitled “*Fiscal Year 2009, Demolition Notification.*”

- 18-0127, Steel Frame w/Concrete Sheer Walls
- 18-0270, Steel Moment Frame

Attachment 1 - RESPONSE TO LETTER DATED NOVEMBER 1, 2011 ON REVIEW DEMOLITION NOTIFICATION FOR FISCAL YEAR 2012 LOS ALAMOS NATIONAL LABORATORY

Technical Area (TA) and Building Number	Type of Structure	Current and Historic Uses	Approximate dates of Operation	Solid Waste Management Units (SWMUs)/Areas of Concern (AOCs) within 50 ft of Footprint	Category	Date/Quarter Demolition Expected to Begin (Based Upon Calendar Year Quarters)	Buildings or Fixed Structures Identified in Previous Fiscal Year that were not Demolished
18-0037	Reinforced Concrete Structure	Guard Station	1953-2009	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 18-0037. 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 depicting this AOC and the sources of the information above, can be found in <i>Investigation Work Plan 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. This site will be investigated during the Lower Pajarito Canyon Aggregate Area investigation.	Asbestos	1st Quarter 2012	
18-0127	Steel Frame with Concrete Shear Walls	Accelerator Building	1967-2010	None	Asbestos, RCRA metals, VOCs	1st Quarter 2012	
18-0129	Reinforced Concrete Structure	Reactor Sub-Assy Building	1962-2009	SWMU 18-003(e) is an inactive septic tank (structure 18-040) that served Bldg. 18-129 from 1962 to 1969. Drain lines to the septic system will be capped at the slab or capped at the excavation boundary; therefore, there should be no impacts to this SWMU.	Asbestos, VOC's, Lead	Not scheduled for demolition at this time	This building was previously identified to be demolished in FY 2011 but has not yet been demolished
18-0141	Reinforced Masonry Structure	Ultra-Sonic Cleaning Building	1966-2009	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.	Asbestos, VOC's, Lead, Beryllium	Not scheduled for demolition at this time	This building was previously identified to be demolished in FY 2011 but has not yet been demolished
18-0147	CMU Office Building	Offices	1968-2007	None	Asbestos	4th Quarter 2011	This building was previously identified to be demolished in FY 2011 but has not yet been demolished

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18-0187	Premanufactured Metal Tower	Guard Station	1986-2010	SWMU 18-012(a) is an outfall at for a combined industrial drain and storm sewer drain for building 18-116 (Kiva 3). Drainlines discharging to this outfall are connected to building 18-116 roof drains, floor drains, and sinks. The outfall, found during 1992 field inspections using a dye-trace test, is located approximately 120 ft northeast of building 18-116 and approximately 150 ft from the stream channel in Pajarito Canyon. Building 18-116 was built in 1960 and used for uranium mockup tests for the Rover Program—a nuclear rocket propulsion program conducted from 1955 to 1972. The date this outfall became operational is unknown, but it is likely that the outfall was operational from the time building 18-116 was completed in 1960. Figures depicting this SWMU and the sources of the information above, can be found in <i>Investigation Work Plan for Lower Pajarito Canyon Aggregate Area, Revision 1 (LA-UR-10-7634)</i> , which was submitted to NMED-HWB on November 19, 2010. This site will be investigated during the Lower Pajarito Canyon Aggregate Area investigation.	Lead	1st Quarter 2012	This building was previously identified to be demolished in FY 2011 but has not yet been demolished
18-0188	Premanufactured Metal Tower	Guard Station	1984-2010	SWMU 18-005(a) consists of an area of potentially contaminated soil associated with a former magazine (structure 18-15) that was used from 1945 until it was demolished in 1977. The magazine was a small, round, dirt-bermed wooden structure constructe 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. The former location of structure 18-15 is not currently visible, and the berm surrounding the former location of the magazine is no longer present. Figures depicting this SWMU and the sources of the information above, can be found in <i>Investigation Work Plan for Lower Pajarito Canyon Aggregate Area, Revision 1 (LA-UR 10-7634)</i> , which was submitted to NMED-HWB on November 19, 2010. This site will not be impacted during D&D and will be investigated during the Lower Pajarito Canyon Aggregate Area investigation.	Lead	1st Quarter 2012	

Technical Area (TA) and Building Number	Type of Structure	Current and Historic Uses	Approximate dates of Operation	Solid Waste Management Units (SWMUs)/Areas of Concern (AOCs) within 50 ft of Footprint	Category	Date/Quarter Demolition Expected to Begin (Based Upon Calendar Year Quarters)	Buildings or Fixed Structures Identified in Previous Fiscal Year that were not Demolished
18-0189	Cast Concrete	Communications/ Control Center	1986-2007	<p>SWMU 18-003(g) is an inactive septic system consisting of an inlet line, a septic tank (structure 18-43), a discharge line, and a drain field. The reinforced concrete septic tank is located approximately 25 ft southwest of building 18-1 and 10 ft northeast of building 18-147. Installed in 1944, the tank is 3 ft wide x 5 ft long x 5 ft deep and has an estimated capacity of 500 gal. Between 1944 and 1969, the septic system received sanitary and photochemical laboratory waste from building 18-1 and discharged to a drain field southeast of septic tank 18-43. In 1969, SWMU 18 003(g) was connected to the site sewer system that routed effluent to the sanitary sewage lagoons that were previously located east of TA-18. When the TA-46 SWSC plant came online in 1992, discharges to the lagoons ceased and the septic tank contents were routinely pumped and trucked to the SWSC plant. Most of building 18-1 was demolished in 1968, leaving only a high bay, which was used as an electronic assembly and storage area until decommissioning of the building in 2009. SWMU 18-003(h) is an inactive septic system consisting of an inlet line, a septic tank (structure 18-152), and a discharge line. The septic tank is located approximately 5 ft southeast of building 18-147. Installed in 1944, the steel tank measures 4.3 ft in diameter x 5 ft deep and has a capacity of 500 gal. Between 1967 and 1992, the septic system received sanitary waste from building 18-147 and discharged to the sanitary sewer system that routed effluent to the sanitary sewage lagoons east of TA-18. When the TA-46 SWSC plant came online in 1992, discharges to the lagoons ceased and the septic tank contents were routinely pumped and trucked to the SWSC plant. Building 18-147 was decommissioned in 2009 and the drainlines to the septic tank were plugged. Figures depicting these SWMUs and the sources of the information above, can be found in <i>Investigation Work Plan for Lower Pajarito Canyon Aggregate Area, Revision 1</i> (LA-UR 10-7634), which was submitted to NMED-HWB on November 19, 2010. SWMUs 18-003(g & h) will not be impacted during D&D and will be investigated during the Lower Pajarito Canyon Aggregate Area investigation.</p>	None	4th Quarter 2011	This building was previously identified to be demolished in FY 2011 but has not yet been demolished

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18-0190	Reinforced Masonry Structure	Guard Station	1986-2010	<p>SWMU 18-002(b) is an inactive firing site in Threemile Canyon near the present location of building 18-32 (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 18-4) constructed from 1-in.-thick steel and an aboveground armored bunker (structure 18-5), 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 18-5. A ground-level wooden structure (former structure 18-6), located east of structure 18-5, was the battery building for the firing site cable conduit system. It contained racks of lead-acid batteries. Structure 18-4 was removed in 1945, structure 18-6 was dismantled in 1951, and structure 18-5 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 Threemile Canyon system. Figures depicting this SWMU and AOC and the sources of the information above, can be found in <i>Investigation Work Plan for Lower Pajarito Canyon Aggregate Area, Revision 1</i> (LA-UR-10-7634), which was submitted to NMED-HWB on November 19, 2010. Both sites will be investigated during the Lower Pajarito Canyon Aggregate Area investigation.</p>	TPH, PCBs	1st Quarter 2012	This building was previously identified to be demolished in FY 2011 but has not yet been demolished
18-0227	Steel Frame with Concrete Shear walls	Lab	1990-2009	None	RCRA metals, VOCs, SVOCs, TPH, PCBs	1st Quarter 2012	

Technical Area (TA) and Building Number	Type of Structure	Current and Historic Uses	Approximate dates of Operation	Solid Waste Management Units (SWMUs)/Areas of Concern (AOCs) within 50 ft of Footprint	Category	Date/Quarter Demolition Expected to Begin (Based Upon Calendar Year Quarters)	Buildings or Fixed Structures Identified in Previous Fiscal Year that were not Demolished
18-0270	Steel Moment Frame	Guard Station	1990-2011	SWMU 18-003(e) is an inactive septic system that includes two inlet lines, a cylindrical septic tank (structure 18-40), an outlet line, a drain field, and a former outfall. The septic tank is located approximately 50 ft southwest of building 18-37 and approximately 50 ft east of building 18-29 (a log cabin). The tank is constructed of reinforced concrete and measures 6 ft in diameter x 6 ft deep. The septic system received sanitary waste from building 18-31 (a utility building), building 18-37 (Guard Station 205), building 18-129 (a reactor subassembly building), building 18 189, and building 18 190. While in operation from 1951 to 1969, the septic system may have also received industrial waste from a sink in building 18-28 (a warehouse). Septic tanks associated with SWMUs 18-003(g, h) (structure 18-43 and structure 18-152, respectively) may have discharged to this septic system. Effluent discharged into a drain field that has four drainlines, each of which is approximately 40 ft long. The drainlines, which are 10 ft apart from each other, merge at the distal end of the drain field and continue an estimated 100 ft to the former outfall. In 1969, sanitary waste from the buildings was connected to the site sewer system that routed effluent to the sanitary sewage lagoons. At that time, the septic tank was backfilled with sand. Figures depicting this SWMU and the sources of the information above, can be found in <i>Investigation Work Plan for Lower Pajarito Canyon Aggregate Area, Revision 1</i> (LA-UR 10-7634), which was submitted to NMED-HWB on November 19, 2010. This SWMU will not be impacted by planned D&D activities and will be investigated during the Lower Pajarito Canyon Aggregate Area investigation.	Lead	1st Quarter 2012	
18-0297	Other	Warehouse	1997-2009	None	None	1st Quarter 2012	
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 22-0001. The sump was filled with concrete in 1984 after the building was no longer in use. Figures depicting these SWMUs and the sources of the information above can be found in <i>Investigation Work Plan for Starmar/Upper Pajarito Canyon Aggregate Area, Revision 1</i> (LA-UR-11-1821), that was submitted to the NMED-HWB by letter in March 2011. This SWMU will not be impacted by planned D&D activities at building 22-0001 and will be investigated during the Starmar/Upper Pajarito Canyon Aggregate Area investigation.	Asbestos	4th Quarter 2011	This building was previously identified to be demolished in FY 2011 but has not yet been demolished

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35-0224	Trailer-Wood Lt. Frame	Offices	1969-2008	SWMU 35-014(a) is an area of potential soil contamination associated with stack emissions from a former air filter building (former Building 35-7). This site was investigated and addressed during the Middle Mortandad Investigation. Figures depicting the SWMU and the sources of 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. NMED issued a Certificate of Completion Without Controls for SWMU 35-014(a) on June 30, 2011.	Asbestos, Tritium	4th Quarter 2011	This building was previously identified to be demolished in FY 2011 but has not yet been demolished
35-0226	Trailer-Wood Lt. Frame	Offices	1963-2008	SWMU 35-014(a) is an area of potential soil contamination associated with stack emissions from a former air filter building (former Building 35-7). This site was investigated and addressed as part of the Middle Mortandad Investigation. Figures depicting the SWMU and the sources of 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. NMED issued a Certificate of Completion Without Controls for SWMU 35-014(a) on June 30, 2011.	Asbestos, Tritium	4th Quarter 2011	This building was previously identified to be demolished in FY 2011 but has not yet been demolished
35-0227	Trailer-Wood Lt. Frame	Offices	1966-2008	SWMU 35-014(a) is an area of potential soil contamination associated with stack emissions from a former air filter building (former Building 35-7). This site was investigated and addressed during the Middle Mortandad Investigation. Figures depicting the SWMU and the sources of 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. NMED issued a Certificate of Completion Without Controls for SWMU 35-014(a) on June 30, 2011.	Asbestos, Tritium	4th Quarter 2011	This building was previously identified to be demolished in FY 2011 but has not yet been demolished
46-0181	Trailer- Wood Lt. Frame	Offices	1979-2011	None	N/A	4th Quarter 2011	This building was previously identified to be demolished in FY 2011 but has not yet been demolished
46-0421	Premanufactured Metal Enclosure	Radio Isolation Enclosure	1993-2011	None	N/A	4th Quarter 2011	This building was previously identified to be demolished in FY 2011 but has not yet been demolished
46-0546	Trailer	Offices	1984-2010	None	Asbestos	4th Quarter 2011	This building was previously identified to be demolished in FY 2011 but has not yet been demolished
48-0056	Transportable-Wood Lt. Frame	Offices	1987-2011	None	N/A	3rd Quarter 2012	This building was previously identified to be demolished in FY 2011 but has not yet been demolished
48-0057	Modular	Offices	1987-2011	None	N/A	3rd Quarter 2012	This building was previously identified to be demolished in FY 2011 but has not yet been demolished

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Technical Area (TA) and Building Number	Type of Structure	Current and Historic Uses	Approximate dates of Operation	Solid Waste Management Units (SWMUs)/Areas of Concern (AOCs) within 50 ft of Footprint	Category	Date/Quarter Demolition Expected to Begin (Based Upon Calendar Year Quarters)	Buildings or Fixed Structures Identified in Previous Fiscal Year that were not Demolished
48-0203	Trailer-Wood Lt. Frame	Offices	1995-2010	None	N/A	3rd Quarter 2012	This building was previously identified to be demolished in FY 2011 but has not yet been demolished
55-0007	Calcium Building-unreinforced masonry bearing walls	Production Related Laboratory	1975-2011	None	Asbestos	2nd Quarter 2012	
55-0009	Wood light frame	Guard Station	1975-2011	None	Asbestos	3rd Quarter 2012	
55-0022	Other Type Structure	Vehicle Monitoring Station	1975-2011	None	Asbestos	3rd Quarter 2012	

Attachment 2 for Response of Review of Fiscal 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	Asbestos- transite siding
03-0285	Asbestos	Asbestos - transite siding
18-0028	Asbestos	Asbestos-floor covering material
18-0030	Asbestos	Asbestos-floor covering material and transite siding
18-0031	Asbestos	Asbestos - transite siding
18-0037	Asbestos	PACM- roofing and floor covering materials
18-0127	Asbestos, VOCs, SVOCs, TPH, PCBs, RCRA Metals	Former Satellite Accumulation Area in high bay area of building that held wastes with the following hazards: VOCs, SVOCs, TPH, PCBs, RCRA Metals Former lead storage area in basement of building Asbestos-Floor covering
18-0147	Asbestos	Asbestos -roofing and flooring material
18-0187	Lead	Leaded paint and glass potential
18-0188	Lead	Leaded paint and glass potential
18-0190	TPH, PCBS	Hydraulic oil leak

Attachment 2 for Response of Review of Fiscal 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
18-0227	VOCs, SVOCs, TPH, PCBs, RCRA Metals	Former Satellite Accumulation Area in building that held wastes with following hazards: VOCs, SVOCs, TPH, PCBs, RCRA Metals
18-0270	Lead	Leaded paint and glass potential
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.
46-0546	Asbestos	ACM -roofing mastics, flashings and flooring
55-0007	Asbestos	ACM- ducting mastic
55-0009	Asbestos	ACM -roofing and ducting mastics, sheet siding, floors and caulking
55-0022	Asbestos	ACM - roofing and ducting mastics, sheet siding, floors and caulking

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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2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303



Dear Mr Kieling:

SUBJECT: RESPONSE TO LETTER DATED NOVEMBER 1, 2011 ON REVIEW
DEMOLITION NOTIFICATION FOR FISCAL YEAR 2012 LOS ALAMOS
NATIONAL LABORATORY

Domestic Return Receipt form with fields for SENDER (Mr. John E. Kieling), COMPLETE THIS SECTION ON DELIVERY (Signature, Date of Delivery), and Article Number (11-0261). Includes handwritten notes and a 'RECEIVED' stamp.

Los Alamos National Laboratory

National Nuclear Security Administration