

LA-UR-12-20479

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Title: Expedited Demolition Notification for 2nd Quarter CY 2012 Structures

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Intended for: Report



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National Nuclear Security Administration
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Date: MAY 10 2012

Refer To: ENV-RCRA-12-0098
LAUR: 12-20479

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

Dear Mr. Kieling:

**SUBJECT: EXPEDITED DEMOLITION NOTIFICATION FOR 2ND QUARTER CY 2012
STRUCTURES**

The National Nuclear Security Administration (NNSA) and Los Alamos National Security, LLC (LANS) (collectively the Permittees) are informing the New Mexico Environment Department Hazardous Waste Bureau (NMED-HWB) of the need to expedite the demolition of structures summarized in the enclosures. These structures have been identified to receive funding and be demolished prior to the 3rd Quarter Demolition Notification (June 30, 2012). This letter is a follow up to the email that was sent to the NMED-HWB on April 17, 2012.

The enclosures (Enclosure 1 and Enclosure 2) attached to this letter satisfy the reporting requirements as outlined in Section 1.17 of the LANL Hazardous Facility Waste Permit (Permit). Demolition of buildings that appear on this list will not occur until 30 days after NMED has received this notification.

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 (ENV-RCRA)
Los Alamos National Security, LLC

ARG:GET/lm

Sincerely,



Peter Maggiore for
Gene E. Turner
Environmental Permitting Manager
Environmental Projects Office
Los Alamos Site Office
U.S. Department of Energy

Enclosure 1 Expedited Demolition Notification for 2nd Quarter CY 2012 Structures
Enclosure 2 Expedited Demolition Notification 2nd Qtr 2012 - Building Hazardous Material Descriptions

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ENCLOSURE 1

Expedited Demolition Notification for 2nd Quarter CY 2012 Structures

ENV-RCRA-12-0098

LAUR-12-20479

MAY 10 2012

Date: _____

Enclosure 1-Expedited Demolition Notification for 2nd Quarter CY 2012 Structures

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
03-2030	Shed	Hydraulic Pump Enclosure	1989-2006	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.	TPH, PCBs	2nd Quarter CY 2012	NA
15-0324	Tank Oil Storage	Mineral Oil Tank	1990-2004	None	None	2nd Quarter CY 2012	NA
15-0325	Tank Oil Storage	Mineral Oil Tank	1990-2004	None	None	2nd Quarter CY 2012	NA
15-0326	Metal Shed	Equipment-Enclosure	1989-2012	None.	None	2nd Quarter CY 2012	NA
36-0141	Oil Tank	Oil Storage Tank	1990-2004	None	None	2nd Quarter CY 2012	NA
36-0142	Oil Tank	Oil Storage Tank	1990-2004	None	None	2nd Quarter CY 2012	NA

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46-0036*	Pre-Engineered Metal Building	Programmatic Storage	1957-2009	<p>SWMU 46-006(f) is a storage shed (building 46-0036) located approximately 50 ft east of building 46-0001. Stored materials may have included oils (possibly containing PCBs), alkali metals, asbestos-containing products, beryllium alloys, potassium dichromate, lead bricks, lead shot, and mercury. SWMU 46-007 is an area of potential soil contamination associated with a partially paved ditch on the south and southeast sides of building 46-0001. During the late 1950s and early 1960s, the ditch was used to clean equipment from a cesium-plasma diode operation using butanol and kerosene. The ditch also received copper-containing material from heat-pipe research. This SWMU may also have received a variety of chlorinated and hydrocarbon solvents. SWMU 46-008(b) is a former drum storage area located on the east side of building 46-0001. The storage area was unpaved, measured approximately 20 ft x 20 ft, and sloped east to a storm drainage ditch and culvert that discharge into Cañada del Buey. Figures that depict these SWMUs and the sources for the information above, can be found in the Phase II Investigation Work Plan for Upper Canada del Buey Aggregate Area (LA-UR-11-6363), which was submitted to NMED-HWB in November 2010 by letter.</p>	VOC, SVOC, PCB, ACM, Be, Pb, Hg	2nd Quarter CY 2012	NA
46-0310	Metal Shed	Storage	1989-2009	None.	None	2nd Quarter CY 2012	NA
53-1138	Wooden Shed	Shed was historically used as a detector building. There is no current use and has been inactive for approximately 8 years.	1989 - 2004	None.	None	2nd Quarter CY 2012	NA

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57-0086	Slab	Slab	2001-2011	<p>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 have been removed. A description of AOC 57-004(b) has not been included in any documents formerly submitted to NMED-HWB.</p>	None	2nd Quarter CY 2012	NA

*Slab will remain

ENCLOSURE 2

**Expedited Demolition Notification 2nd Quarter 2012 – Building
Hazardous Material Descriptions**

ENV-RCRA-12-0098

LAUR-12-20479

Date: MAY 10 2012

Enclosure 2-Expedited Demolition Notification 2nd Qtr 2012 - 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
03-2030	TPH, PCBs	Hydraulic fluid leaks
46-0036	VOC, SVOC, PCB, ACM, Be, Pb, Hg	Programmatic materials were once stored in this structure. Materials have been removed. Note: Floor slab will not be removed.

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

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