

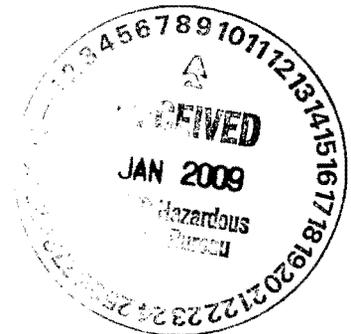
TA 16



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

Date: January 9, 2009
Refer To: ENV-RCRA-09-004

James Bearzi
Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303



Subject: UPDATED BUILDINGS OR FIXED STRUCTURES SCHEDULED TO BE DEMOLISHED DURING FIRST QUARTER 2009

The purpose of this letter is to submit an updated list of buildings or fixed structures scheduled to be demolished during the first quarter of 2009 (January 1, 2009 through March 31, 2009). This information is required under the provisions of the Settlement Agreement and Stipulated Final Order (Agreement) signed April 10, 2007 between the New Mexico Environment Department (NMED), the United States Department of Energy (DOE) and Los Alamos National Security, LLC (LANS). This list is submitted to satisfy the requirements of Paragraph 21 subparagraph (c) of the Agreement.

The attached updated table describes the buildings or fixed structures scheduled for demolition, and for each: the historic uses and dates of operation; solid waste management units (SWMUs) or areas of concern (AOC) within 50 feet; categories of potential wastes generated or managed there, the date or quarter in which the demolition is scheduled to begin and buildings or fixed structures identified in previous fiscal year that were not demolished.

Two buildings reported on the FY 2009 submittal dated September 22, 2008 have been demolished. TA-21-14 was demolished on November 23, 2008 and TA-43-41 was demolished on January 8, 2009.

TA-16-193 is scheduled to be demolished in February 2009, 30 days after this submittal. If a demolition report is prepared, it will be submitted to NMED 30 days after demolition is complete as requested in your letter dated June 21, 2007.



If you should have any questions or comments concerning this submittal, please contact Jack Ellvinger of my staff at (505) 667-0633.

Sincerely,



Anthony R. Grieggs
Group Leader, ENV-RCRA

Enclosures: a/s

Cy: Michael B. Mallory, PADOPS, w/o enc., A102
Richard S. Watkins, ADESHQ, w/o enc., K491
Jay Johnson, PADOPS, w/o enc., A102
George Rael, LASO-EO, w/o enc., A316
Gene Turner, LASO-EO, w/o enc., A316
Alison Dorries, ERSS-DO, w/o enc., M996
Jim Jones, FIRP-DO, w/o enc., J590
Cindy Hayes, IP-DO, w/o enc., K773
Ellen Louderbough, LC-LESH, w/o enc., A187
Darrik Stafford, FIRP-DISP, w/o enc., J590
ENV-RCRA File, w/enc., K490
IRM-RMMSO, w/enc., A150

Updated Schedule of D and D Activities First Quarter 2009

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
TA-21-14	One story high bay, 3000 sq. ft. Foundation - concrete slab, stem walls, and footings. Walls - steel post and beam with stuccoed concrete masonry unit veneer. Roof - asphalt and gravel	Originally served as diesel power plant, then became general maintenance shop. Used by pipe fitters, welders, painters, electricians, and sheet metal workers. Between 1948 and 1985 the building was gradually converted to a general maintenance shop, with power plant equipment subsequently removed.	1947-2003	SWMU 21-024(e) is an inactive septic system that served as the septic system for the former diesel power plant and shop (Building 21-14). A 4-in. tile pipe exited the southeast corner of Building 21-14 and connected to the septic tank (structure 21-123). The septic tank and outfall area were located east of MDA V. The septic tank and piping were removed in 2005/2007 during implementation of the DP Aggregate Area Investigation. Since the slab will not be removed and any drainlines will be capped at the slab, SWMU 21-024(e) will not be impacted by the planned D&D of TA-21-14. Building 21-14 is located within SWMU 21-021, which represents potential surface soil contamination from historical airborne releases from incinerators, stacks, and filter houses at TA-21. The slab will remain intact and drainlines will be capped at the slab. No soil will be removed during demolition activities and radiation survey results for the interior and exterior of Building 21-14 showed no elevated activity.	The buildings exterior stucco and roofing materials contain asbestos. Additional ACM include thermal system insulation in valves and elbows, floor tiles, and fire doors. All exterior wall slump-block debris will be managed as ACM (in lieu of removing the stucco prior to demolition). Therefore, all interior gutting and segregation of Non-ACM materials will be accomplished prior to demolition of the structure.	Reported FY 2009 submittal. Demolished 11/23/09.	16-375; 16-376; 16-659; 16-660; 16-661
TA-22-20	One-story 4 ft x 12 ft concrete bunker/magazine on a reinforced concrete slab, with concrete walls and a concrete roof covered with tar and gravel roofing material. The north (front) wall is exposed and the three remaining walls are covered with compacted earth. A single reinforced metal door is set within the face of the exposed - only access point.	Building use has been limited to containerized HE storage. Mainly, completed assemblies were stored in this bunker.	1949-2003	None.	Sampling conducted in 2003 indicates no ACM.	First Quarter	
TA-43-41	Two story concrete structure on a concrete slab with a gravel and asphalt roof.	Originally served as the Western Steam Plant from 1949 to 1952 when it was placed on standby status until it was removed from service in 1990. Used for warehouse storage from 1991 to 2007.	1949-2007	SWMU 00-003 was a former 100-sq-ft product container storage area located at the east end of TA-43-41 that was always paved and was used to store 55-gal. steel drums of boiler water treatment chemicals on wooden pallets. The area was decommissioned in 1987. NMED approved SWMU 00-003 for NFA in 2002. SWMU 00-012 was a 1000-gal underground blow-off tank that received blow-down steam and water from the boilers at TA-43-41. The tank was made of cylindrical steel and was 4 ft in diameter and 10 ft long; effluent from the tank discharged through a 4-in.-diameter drainline to the sanitary sewer. The tank and associate piping were removed in 2002 and NMED subsequently approved SWMU 00-012 for NFA.	ACM includes thermal system insulation, floor tiles, gaskets, fire doors, roofing, and transite panels.	Reported FY 2009 submittal. Demolished 1/08/09.	

Updated Schedule of D and D Activities First Quarter 2009

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TA-08-26	One-story 25 ft x 25.3 ft structure on a concrete slab with aluminum frame covered by metal panels for walls and ceiling. Roof - tar and gravel.	Functioned as a laboratory-processing facility in support of radiographic inspections. Similar to TA-07-30, this structure was built for cobalt-60 radiography work.	1951-2005	None.	Surveyed in 1993 and 2001; ACM includes resilient floor covering (linoleum) and bituminous roofing material.	First Quarter	
TA-08-30	One-story 25 ft x 25.3 ft structure on a concrete slab with aluminum frame covered by metal panels for walls and ceiling. Roof - tar and gravel. (Almost identical to TA-08-26)	From December 1950 until the early 1991, TA-08-30 was used as a radiation nondestructive test laboratory; the primary work involved the x-ray analysis of weapons components. In July 1991, the building was converted into a Macro Statistical Hydrodynamics Research (MASH) laboratory where studies using cameras as tracking devices for the particles in the liquids were performed on the fluid dynamics of suspensions.	1951-2005	AOC 08-010(c) is a former SAA that contained a 55-gal. drum located inside a shed near building 08-030. The SAA was removed from service in 1990, and EPA approved the site for NFA in 1994 and reaffirmed the NFA in 2005. AOC C-08-019 refers to TA-08-30, the structure built to house the nondestructive radiation test laboratory. EPA approved the site for NFA in 1994 and reaffirmed the NFA in 2005.	Surveyed in 1993 and 2001; ACM includes resilient floor covering (linoleum) and bituminous roofing material.	First Quarter	
TA-08-32	One-story concrete bunker/magazine on a reinforced concrete slab, with concrete walls and a concrete roof covered with tar and gravel roofing material. The north (front) wall is exposed and the three remaining walls are covered with compacted earth. A single reinforced metal door is set within the face of the exposed - only access point.	Magazine in support of radiological inspection.	1951-2005	None.	Surveyed in 1993 and 2001; no ACM.		
TA-08-65	One-story 21 ft x 10ft structure on a raised concrete foundation with steel frame walls covered with metal panels.	Radiation source storage facility.	1955-2003	None.	Surveyed in 1993 and 2001; no ACM.	First Quarter	
TA-08-127	Metal shed.	USGS gauging station.	1993-2007	None.	Not yet surveyed.	First Quarter	

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TA-16-193	Laundry and Change House	Laundry and Change House: 13,444 sq. ft. office/locker rooms/change house/laundry facility. Reinforced concrete construction. Tested for Be, no elevated levels. Drain in south side of building in the former laundry area has potential for Be contamination. Drain went to a trough/sump. Trough/sump will be tested for Be and waste will be managed in accordance with analytical results.	1953 - present	None	Asbestos, suspect beryllium	First Quarter	