



*Environmental Protection Division
Water Quality & RCRA Group (ENV-RCRA)*
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ENTERED

Date: March 24, 2010
Refer To: ENV-RCRA-10-059
LAUR: 10-01744

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

Dear Mr. Bearzi:

**SUBJECT: BUILDINGS OR FIXED STRUCTURES SCHEDULED TO BE
DEMOLISHED DURING SECOND QUARTER 2010 (LA-UR 10-01744)**

The purpose of this letter is to submit a list of buildings or fixed structures scheduled to be demolished during the second quarter of 2010 (April 1, 2010 through June 30, 2010). 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 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.

Please contact Jack Ellvinger at (505) 667-0633 of the Water Quality and RCRA Group (ENV-RCRA) if you have questions.

Sincerely,

for Anthony R. Grieggs
Group Leader
Water Quality & RCRA Group (ENV-RCRA)



Mr. James Bearzi
ENV-RCRA-10-059

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March 24, 2010

ARG:CJ/lm

Enclosure: a/s

Cy: George Rael, LASO-EO, w/o enc., A316
Gene Turner, LASO-EO, w/o enc., A316
Michael B. Mallory, PADOPS, w/o enc., A102
Jay Johnson, PADOPS, w/o enc., A102
J. Chris Cantwell, ADESHQ, w/o enc., K491
Alison Dorries, WES-DO, w/o enc., M996
Ian Albright, PMF-DO, w/enc., J590
Jim Jones, SP-DO, w/o enc., J590
Jack Ellvinger, ENV-RCRA, w/o enc., K490
Catherine Juarez, ENV-RCRA, w/enc., K490
Darrik Stafford, SP-DISP, w/enc., J590
Allan Choloupka, TA-21, w/enc., C348
Duane Parsons, PMFS, w/enc., C349
Kevin Finn, PMFS, w/enc., C349
Ellen Louderbough, LC-LESH, w/o enc., A187
ENV-RCRA File, w/enc., K490
IRM-RMMSO, w/enc., A150

Schedule of D and D Activities Second Quarter 2010

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
03-0480	Transportable	Offices		None		2nd Quarter	
21-0155	Research and Production	Offices, storage, equipment, also used for support of high temperature chemistry work, and for tritium research and production center	1949-2006	*AOC C-21-011 is the location of a 1963, one-time release of radionuclides (uranium-235) from a plugged scrubber on the roof of Building TA-21-0155, the Tritium Systems Test Assembly facility. The affected area was cleaned up and the site was approved for NFA. SWMU 21-024(j) consists of an inactive septic tank (structure 21-194) and its associated drainlines. This septic tank received sewage from Building 21-155. The septic tank was removed during the DP Canyon Aggregate Area investigation and documented in the subsequent IR. SWMU 21-024(n) is a drainline that exits Building 21-155 and discharges into DP Canyon. This SWMU will not be impacted by the D&D of Bldg. 21-0155 and will be addressed in a future investigation work plan. AOC 21-025(a) was an off-gas system at the Tritium Systems Test Assembly (TSTA) facility, building 21-155; the AOC has been approved for NFA.	Asbestos tile, fire door, fittings, valves, roofing	2nd Quarter	
21-0213	Warehouse	General warehouse	1964-2006	*SWMU 21-024(n) is a drainline that exits Building 21-155 and discharges into DP Canyon. This SWMU will not be impacted by the D&D of Bldg. 21-0213 and will be addressed in a future investigation work plan. SWMU 21-024(h) consists of an inactive septic tank (structure 21-163) and its associated drainlines. This septic tank received sewage from Building 21-155 and discharged to an outfall on the north rim of DP Mesa. This SWMU will not be impacted by the D&D of Building 21-0213 and will be addressed in a future investigation work plan.		2nd Quarter	

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21-0312	Corridor	Corridor connecting Building TA-21-21- and TA-21-2 for personnel, utility piping and conduits	1971-2006	None*	Asbestos fittings, valves	2nd Quarter	
35-0256	Transportable	Light lab and offices		<p>AOC 35-004(m) consists of a former container storage area. This location is no longer used as a storage area. 35-014(g2) consists of oil-stained areas occupied by a former container storage area [AOC 35-004(m)]. Both AOCs 35-004(m) and 35-014(g2) were investigated during the Middle Mortandad investigation. Both AOCs 35-004(m) and 35-014(g2) do not pose an unacceptable risk or dose to human health under a residential risk scenario. Both AOCs will not be impacted during the D&D of Building 35-0256.</p>		2nd Quarter	

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48-0046	Transportable			<p>AOC 48-001 consists of the air exhaust system at the main radiochemistry laboratory in building 48-1 and surface and near surface soil potentially impacted by deposition from historical stack emissions from Building 48-0001. AOC 48-001 was investigated during the Upper Mortandad investigation. Because extent has not been defined for cyanide, additional sampling will be conducted as part of a Phase II investigation. SWMU 48-007(f) is an inactive outfall that formerly received discharges from two sink drains in an office and laboratory building (building 48-46). This outfall is located north of building 48-1 and discharged into Mortandad Canyon. In approximately 1993, the facility performed modifications to the drain system within Building 48-46 and the outfall ceased to operate. SWMU 48-007(f) was investigated during the Upper Mortandad investigation. Because extent has not been defined for chromium, barium and manganese, additional sampling will be conducted as part of a Phase II investigation.</p>		2nd Quarter	
52-0035	Transportable	Offices		<p>SWMU 52-002(f) is a septic system that served a building that never used or managed radioactive or hazardous materials. This SWMU has been approved for NFA.</p>		2nd Quarter	
52-0036	Transportable	Offices		<p>SWMU 52-002(f) is a septic system that served a building that never used or managed radioactive or hazardous materials. This SWMU has been approved for NFA.</p>		2nd Quarter	

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52-0043	Transportable	Offices		None		2nd Quarter	
52-0105	Guard Station			None		2nd Quarter	
52-0123	Guard Station			None		2nd Quarter	
53-0409	Transportable	Offices		None		2nd Quarter	

* NOTE: All buildings at TA-21 are located within the boundary of SWMU consists of SWMU 21-021 and AOCs 21-019(a-m) and 21-020(a and b). This consolidated unit was investigated as part of a larger group of SWMUs that represent potential surface soil contamination from historical airborne releases from former incinerators, stacks, and filter houses at TA-21. Radionuclides were the predominant emission and the amounts fluctuated greatly with time. Historical surface sampling data showed slightly elevated radionuclide levels TA-wide including americium-241, cesium-137, isotopes of plutonium, uranium-234 and tritium.