



U.S. DEPARTMENT OF  
**ENERGY**

ESHID-603184

*National Nuclear Security Administration  
Los Alamos Field Office  
3747 West Jemez Road, A316  
Los Alamos, New Mexico 87544  
(505) 667-5105/Fax (505) 667-5948*

*Environmental Management  
Los Alamos Field Office  
P.O. Box 1663, M984  
Los Alamos, New Mexico 87544  
(505) 665-5820/Fax (505) 665-5903*

*Date:* **AUG 31 2018**

*Symbol:* EPC-DO: 18-285

*LA-UR:* 18-27804

*Locates Action No.:* N/A

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

**Subject: Demolition Notification for Fiscal Year 2019 and Quarter Ending December 31, 2018  
for Los Alamos National Laboratory**

Dear Mr. Kieling:

The United States Department of Energy (DOE) and its field offices, the National Nuclear Security Administration Los Alamos Field Office (NA-LA) and the DOE - Environmental Management Los Alamos Field Office (EM-LA) along with Los Alamos National Security, LLC (LANS), and Newport News Nuclear BWXT- Los Alamos, LLC (N3B) collectively, the Permittees, are submitting a notice of demolition activities for the fiscal year 2019 and quarter ending December 31, 2018 in accordance with Permit Section 1.17 of the Los Alamos National Laboratory (LANL) Hazardous Waste Facility Permit (Permit) to the New Mexico Environment Department Hazardous Waste Bureau (NMED-HWB).

Enclosures 1 and 2 "Demolition Notification - July 1, 2018 through September 30, 2018 List of Buildings and Attachment of Hazardous Materials Descriptions" LANS, LLC and N3B, LLC, respectively, attached to this letter satisfy the reporting requirements as outlined in Section 1.17.1 of the Permit. The requirement at Section 1.17.1 (7) of the Permit identifying buildings or fixed structures previously identified and not demolished is documented by green highlight in Enclosure 1. Each enclosure also contains a signed certification from the responsible Co-Permittee.

The Permittees understand that investigations may not be complete at Solid Waste Management Units/Areas of Concern (SWMUs/AOCs) located within 50 feet of the buildings proposed for demolition. The Permittees will ensure that the sampling locations and depths proposed in the approved work plans for the SWMUs/AOCs identified are not affected by the demolition activities.

In the case of adverse impacts on the SWMUs/AOCs identified in this notification, demolition activities will be documented so that the impacts are identified and evaluated. Accordingly, if a demolition report is prepared for buildings that the Department has identified in writing, the Permittees will provide a copy of the demolition report to the NMED-HWB within 30 days after the report is completed in accordance with Section 1.17.3 of the Permit.

If you have questions or comments concerning this submittal for LANS, please contact Karen E. Armijo of the Department of Energy (NA-LA) at (505) 665-7314 or Patrick L. Padilla (LANS) at (505) 667-3932.

If you have questions or comments concerning this submittal for N3B, please contact David Rhodes of the Department of Energy- Environmental Management (EM-LA) at (505) 665-5325 or Frazer Lockhart (N3B) at (505) 257-8049.

Sincerely,



Karen E. Armijo  
Permitting and Compliance Program Manager  
National Nuclear Security Administration  
Los Alamos Field Office  
U.S. Department of Energy

Sincerely,

FOR: 

Arturo Q. Duran  
Permitting and Compliance Manager  
Environmental Management  
Los Alamos Field Office  
U.S. Department of Energy

KEA/AQD/TAD/PLP/CLJ:kr

- Enclosure(s): 1) Demolition Notification - Fiscal Year 2019 and Quarter Ending December 31, 2018  
List of Buildings and Attachment of Hazardous Materials Descriptions (LANS) and  
Certification
- 2) Demolition Notification - Fiscal Year 2019 and Quarter Ending December 31, 2018  
List of Buildings and Attachment of Hazardous Materials Descriptions (N3B) and  
Certification

Copy: Laurie King, USEP A/Region 6, Dallas TX, (E-File)  
William S. Goodrum, NA-LA, (E-File)  
Pete Maggiore, NA-LA, (E-File)  
Jody Pugh, NA-LA, (E-File)  
Karen E. Armijo, NA-LA, (E-File)  
David Rhodes, EM-LA, (E-File)  
Arturo Duran, EM-LA, (E-File)  
Paul Holland, LASO-NS-LP, (E-File)  
Sara Ann Mason, EM-LA, (E-File)  
Craig S. Leasure, PADOPS, (E-File)  
William R. Mairson, ADESH, (E-File)  
John C. Bretzke, ADESH, (E-File)  
Enrique Torres, EPC-DO, (E-File)  
Stephanie A. Archuleta, DESHF-DO, (E-File)  
Tammy A. Diaz, EPC-WMP, (E-File)  
Patrick L. Padilla, EPC-WMP, (E-File)  
Catherine L. Juarez, EPC-WMP, (E-File)  
James R Jones, ADPM, (E-File)  
Kenneth J. Schlindwein, OI-PO, (E-File)  
Denise G. Liechty, OI-FD, (E-File)  
Kristi C. Beguin, ADEM-PO, (E-File)  
Robert T. Pease, PM8, (E-File)  
Frazer Lockhart, N3B (E-File)  
Joe Legare, N3B (E-File)  
Pamela Maestas, N3B (E-File)  
[emla.docs@em.doe.gov](mailto:emla.docs@em.doe.gov)  
N3B Records  
[locatesteam@lanl.gov](mailto:locatesteam@lanl.gov), (E-File)  
[epc-correspondence@lanl.gov](mailto:epc-correspondence@lanl.gov), (E-File)  
[rcra-prr@lanl.gov](mailto:rcra-prr@lanl.gov), (E-File)



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**COPY**



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**ENCLOSURE 1**  
**LANS**

Demolition Notification - Fiscal Year 2019 and Quarter  
Ending December 31, 2018

List of Buildings and Attachment of Hazardous Materials  
Descriptions (LANS) and Certification

EPC-DO-18-285

LA-UR-18-27804

**AUG 31 2018**

Date: \_\_\_\_\_

**CERTIFICATION**

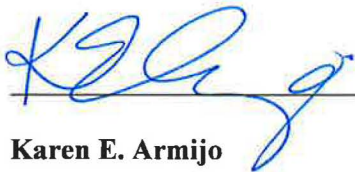
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



**Tammy A. Diaz**  
Group Leader (Acting)  
Environmental Protection and Compliance Programs  
Los Alamos National Laboratory

8/30/18

Date Signed



**Karen E. Armijo**  
Permitting and Compliance Program Manager  
National Nuclear Security Administration  
Los Alamos Field Office  
U.S. Department of Energy

30 Aug 2018

Date Signed

Demolition Notification Fiscal Year 2019 and Quarter Ending December 31, 2018 and List of Buildings and Attachment of Hazardous Materials Descriptions

Technical Area (TA) and Building Number (1.17.1(1))	Current and Historic Uses (1.17.1(2))	Approximate Dates of Operation (1.17.1(3))	Solid Waste Management Units (SWMU)/ Areas of Concern (AOC) w/in 50 ft. of Footprint (1.17.1(4))	Category/ Hazardous Material That May Be Present (1.17.1(5))	Date/Quarter Demolition Expected to Begin (1.17.1(6))	Buildings or Fixed Structures Identified in Previous Fiscal Year that were not Demolished (1.17.1(7))
03-0154	Housed equipment	1962-2014	03-034(a) (LA-UR-10-2046)	PACM; Rad	FY2018	This Building was previously identified to be demolished in FY 2018, but has not yet been demolished.
03-0390	Modular Office Bldg	1975- Current	None	Asbestos	FY2018	This Building was previously identified to be demolished in FY 2018, but has not yet been demolished.
03-0391	Modular Office Bldg	1975- Current	None	Asbestos	FY2018	This Building was previously identified to be demolished in FY 2018, but has not yet been demolished.
03-0481	Transportable	1983-Current	None	Asbestos	FY2018	This Building was previously identified to be demolished in FY 2018, but has not yet been demolished.
03-0564	Housed equipment	1979-2017	03-050(a), 03-010(b); (LA-UR-10-2899) (LA-UR-93-1000)	PACM	FY2018	This Building was previously identified to be demolished in FY 2018, but has not yet been demolished.
03-0586	Housed equipment	1996- 2017	None	Rad	FY2018	This Building was previously identified to be demolished in FY 2018, but has not yet been demolished.
03-1188	Capacitor Station	1973-Current	03-003(m) (LA-UR-95-0731)	PCB	FY2018	This Building was previously identified to be demolished in FY 2018, but has not yet been demolished.
33-0016	Storage Building	1950-2016	33-004(g); 33-007(c) (LA-UR-10-7226)	ACM	FY2018	This Building was previously identified to be demolished in FY 2018, but has not yet been demolished.

Demolition Notification Fiscal Year 2019 and Quarter Ending December 31, 2018 and List of Buildings and Attachment of Hazardous Materials Descriptions

Technical Area (TA) and Building Number (1.17.1(1))	Current and Historic Uses (1.17.1(2))	Approximate Dates of Operation (1.17.1(3))	Solid Waste Management Units (SWMU)/ Areas of Concern (AOC) w/in 50 ft. of Footprint (1.17.1(4))	Category/ Hazardous Material That May Be Present (1.17.1(5))	Date/Quarter Demolition Expected to Begin (1.17.1(6))	Buildings or Fixed Structures Identified in Previous Fiscal Year that were not Demolished (1.17.1(7))
51-0103	Trailer	1987-Current	None	None	FY2018	This Building was previously identified to be demolished in FY 2018, but has not yet been demolished.
53-0840	Transportainer	1983 - Current	None	None	FY2018	This Building was previously identified to be demolished in FY 2018, but has not yet been demolished.
53-0844	Transportainer	1982 - Current	None	None	FY2018	This Building was previously identified to be demolished in FY 2018, but has not yet been demolished.
53-0845	Transportainer	1983 - Current	None	None	FY2018	This Building was previously identified to be demolished in FY 2018, but has not yet been demolished.
53-0846	Transportainer	1983 - Current	None	None	FY2018	This Building was previously identified to be demolished in FY 2018, but has not yet been demolished.
53-0885	Transportable-Light Lab/Open	1985 - Current	None	PACM	FY2018	This Building was previously identified to be demolished in FY 2018, but has not yet been demolished.
53-0886	Transportable-Central Storage	1985 - Current	None	PACM	FY2018	This Building was previously identified to be demolished in FY 2018, but has not yet been demolished.
54-0224***	Dome	1995-2017	54-018 (LA-UR-14-28753)	RCRA	FY2018	This Building was previously identified to be demolished in FY 2018, but has not yet been demolished.



Demolition Notification Fiscal Year 2019 and Quarter Ending December 31, 2018 and List of Buildings and Attachment of Hazardous Materials Descriptions

Technical Area (TA) and Building Number (1.17.1(1))	Current and Historic Uses (1.17.1(2))	Approximate Dates of Operation (1.17.1(3))	Solid Waste Management Units (SWMU)/ Areas of Concern (AOC) w/in 50 ft. of Footprint (1.17.1(4))	Category/ Hazardous Material That May Be Present (1.17.1(5))	Date/Quarter Demolition Expected to Begin (1.17.1(6))	Buildings or Fixed Structures Identified in Previous Fiscal Year that were not Demolished (1.17.1(7))
53-1313	Shed-metal	2008-Current	None	None	FY2018	This Building was previously identified to be demolished in FY 2018, but has not yet been demolished.
53-0862	Steel Storage Container	1983-Current	None	None	Quarter ending Dec 31, 2018	N/A
53-0740	Tank	1989-Current	None	None	Quarter ending Dec 31, 2018	N/A
53-0741	Tank	1989-Current	None	None	Quarter ending Dec 31, 2018	N/A
53-0742	Tank	1989-Current	None	None	Quarter ending Dec 31, 2018	N/A
53-0511	Shed-metal	1979-present	None	PACM	Quarter ending Dec 31, 2018	N/A
46-0001	Lab/Office	1956 - 2009	46-004(b2), 46-006(f) (LA-UR-16-26150; LA-UR-11-6363, LA-UR-11-2487, LA-UR-10-7539)	Rad, Mercury, Asbestos	Quarter ending Dec 31, 2018	N/A
3-0021	Tank Farm	1952 - 2015	03-050(g), 03-001(k) (LA-UR-10-2899, LA-UR-10-0385, LA-UR-10-0386)	Rad, Haz	Quarter ending Dec 31, 2018	N/A
3-0191 (renumbered to 03-2175)	Fuel Tank	1964 - 2015	03-050(g), 03-001(k) (LA-UR-10-2899, LA-UR-10-0385, LA-UR-10-0386)	Rad, Haz	Quarter ending Dec 31, 2018	N/A

\*\*\* Future demolition updates for this structure will be reported by N3B

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  
 N/A= Not Applicable

# **ENCLOSURE 2**

## **N3B**

Demolition Notification - Fiscal Year 2019 and Quarter  
Ending December 31, 2018

List of Buildings and Attachment of Hazardous Materials  
Descriptions (N3B) and Certification

EM2018-0043

**AUG 31 2018**

Date: \_\_\_\_\_

**CERTIFICATION**

**NEWPORT NEWS NUCLEAR BWXT – LOS ALAMOS, LLC**

**Demolition Notification - Fiscal Year 2019 and Quarter Ending December 31, 2018,  
List of Buildings and Attachment of Hazardous Materials Descriptions**

**CERTIFICATION STATEMENT OF AUTHORIZATION**

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"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."



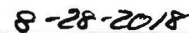
Frazer Lockhart, Program Manager  
Regulatory and Stakeholder Interface  
Newport News Nuclear BWXT – Los Alamos, LLC



Date



David S. Rhodes, Director  
Office of Quality and Regulatory Compliance  
Environmental Management  
Los Alamos Field Office



Date

Demolition Notification for Fiscal Year 2019 and Quarter Ending December 31, 2018,  
List of Buildings and Attachment of Hazardous Materials Descriptions

Technical Area (TA) and Building Number [1.17.1(1)]	Current and Historical Uses [1.17.1(2)]	Approximate Dates of Operation [1.17.1(3)]	Solid Waste Management Units (SWMUs) / Areas of Concern (AOCs) within 50 ft of Footprint [1.17.1(4)]	Category / Hazardous Material That May Be Present [1.17.1(5)]	Date/Quarter Demolition Expected to Begin [1.17.1(6)]	Buildings or Fixed Structures Identified in Previous Fiscal Year That Were Not Demolished [1.17.1(7)]
No N3B structures are scheduled for demolition in the current reporting quarter.						Only used for fiscal year reporting
21-257	Waste Treatment Plant	Late 1960s - Mid 2000s	21-011(a), C-21-005, 21-007, 21-001, 21-011(h), 21-011(j), 21-011(i), 21-011(d), 21-011(e), 21-011(f), 21-011(g), 21-022(b)-99, 21-011(b) (LA-UR-09-6108 and LA-UR-14-26889)	RCRA/ACM/RAD	4Q FY2019	N/A
21-112	Effluent Waste Holding Tank	Late 1960s - Mid 2000s	21-011(f), 21-011(g), 21-011(a), C-21-005, 21-022(b)-99, 21-016(a)-99, 21-011(b) (LA-UR-09-6108 and LA-UR-14-26889)	RCRA/RAD	4Q FY2019	N/A
21-113	Effluent Waste Holding Tank	Late 1960s - Mid 2000s	21-011(f), 21-011(g), 21-011(a), C-21-005, 21-022(b)-99, 21-016(a)-99, 21-011(b) (LA-UR-09-6108 and LA-UR-14-26889)	RCRA/RAD	4Q FY2019	N/A
21-110	Influent Waste Storage Tank	Late 1960s - Mid 2000s	21-011(a), C-21-005, 21-007, 21-001, 21-011(h), 21-011(j), 21-011(i), 21-011(d), 21-011(e), 21-022(b)-99, 21-011(b) (LA-UR-09-6108 and LA-UR-14-26889)	RCRA/RAD	4Q FY2019	N/A
21-111	Influent Waste Storage Tank	Late 1960s - Mid 2000s	21-011(a), C-21-005, 21-007, 21-001, 21-011(h), 21-011(j), 21-011(i), 21-011(d), 21-011(e), 21-022(b)-99, 21-011(b) (LA-UR-09-6108 and LA-UR-14-26889)	RCRA/RAD	4Q FY2019	N/A

Demolition Notification for Fiscal Year 2019 and Quarter Ending December 31, 2018,  
List of Buildings and Attachment of Hazardous Materials Descriptions

Technical Area (TA) and Building Number [1.17.1(1)]	Current and Historical Uses [1.17.1(2)]	Approximate Dates of Operation [1.17.1(3)]	Solid Waste Management Units (SWMUs) / Areas of Concern (AOCs) within 50 ft of Footprint [1.17.1(4)]	Category / Hazardous Material That May Be Present [1.17.1(5)]	Date/Quarter Demolition Expected to Begin [1.17.1(6)]	Buildings or Fixed Structures Identified in Previous Fiscal Year That Were Not Demolished [1.17.1(7)]
21-288	Sodium Hydroxide Solution Storage Tank	Late 1960s - Mid 2000s	21-011(a), C-21-005, 21-007, 21-001, 21-011(h), 21-011(j), 21-011(i), 21-011(d), 21-011(e), 21-022(b)-99, 21-011(b) (LA-UR-09-6108 and LA-UR-14-26889)	RCRA/RAD	4Q FY2019	N/A
21-289	Americium Raffinate Storage Tank	Late 1960s - Mid 2000s	21-011(a), C-21-005, 21-007, 21-001, 21-011(h), 21-011(j), 21-011(i), 21-011(d), 21-011(e), 21-022(b)-99, 21-011(b) (LA-UR-09-6108 and LA-UR-14-26889)	RCRA/RAD	4Q FY2019	N/A

ACM = Asbestos-containing material

PACM = Presumes asbestos-containing material

PCB = Polychlorinated biphenyl

RAD = Radionuclides

RCRA = Resource Conservation and Recovery Act

SVOC = Semivolatile organic compound

TPH = Total petroleum hydrocarbons

VOC = Volatile organic compound

N/A = Not applicable