



**National Nuclear Security Administration**

Los Alamos Field Office  
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Los Alamos, New Mexico 87544  
(505) 667-5105/Fax (505) 667-5948

**Environmental Management**

Los Alamos Field Office  
1200 Trinity Drive, Suite 400P  
Los Alamos, New Mexico 87544  
(240) 562-1122

Date: March 14, 2023

Mr. Dave Cobrain, Acting Chief  
Hazardous Waste Bureau  
New Mexico Environment Department  
2905 Rodeo Park Drive East, Building 1  
Santa Fe, NM 87505-6313

**Subject: Demolition Notification for Quarter Ending June 30, 2023 and List of Buildings and Attachment of Hazardous Materials Descriptions, Hazardous Waste Facility Permit, Los Alamos National Laboratory, EPA ID# NM0890010515**

Dear Mr. Cobrain:

The United States Department of Energy (DOE) and its field offices, the National Nuclear Security Administration, Los Alamos Field Office (NA-LA) and the Environmental Management, Los Alamos Field Office (EM-LA), together with Triad National Security, LLC (Triad) and Newport News Nuclear BWXT-Los Alamos, LLC (N3B), collectively the Permittees, submit the enclosed report, *Demolition Notification for Quarter Ending June 30, 2023*, to the New Mexico Environment Department-Hazardous Waste Bureau (NMED-HWB). The report provides notice of demolition activities for the period of April 1, 2023, through June 30, 2023, in accordance with Permit Sections 1.17.1 and 1.17.2 of the Los Alamos National Laboratory Hazardous Waste Facility Permit (Permit).

Enclosures 1 and 2, *Demolition Notification for Quarter Ending June 30, 2023 and List of Buildings and Attachment of Hazardous Materials Descriptions*, from NA-LA/Triad and EM-LA/N3B respectively, are provided to satisfy the reporting requirements of Permit Section 1.17.1. Permit Section 1.17.1(7), requiring the identification of buildings or fixed structures previously identified and not demolished, is not relevant for this quarter. Each enclosure also provides a signed certification from the responsible Permittee.

The Permittees understand that Solid Waste Management Units/Areas of Concern (SWMUs/AOCs) located within 50 feet of the structures proposed for demolition may still require investigation. 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.

Demolition activities that have the potential for adverse impact to the SWMUs/AOCs identified in this notification will be identified, evaluated, and documented. A demolition completion report will be provided to NMED-HWB within 30 days of report completion for any buildings identified by NMED-HWB in accordance with Permit Section 1.17.3.

If you have questions or comments for Triad concerning this submittal, please contact Karen E. Armijo (NA-LA) at (505) 665-7314 or Patrick L. Padilla (Triad) at (505) 412-0462.

If you have questions or comments for N3B concerning this submittal, please contact Arturo Duran (EM-LA) at (575) 373-5966 or Christian Maupin (N3B) at (505) 695-4281.

Sincerely,

**Robert A.  
Gallegos**

Digitally signed by Robert A.  
Gallegos  
Date: 2023.03.09 15:53:58  
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Karen E. Armijo  
Permitting and Compliance Program Manager  
National Nuclear Security Administration  
Los Alamos Field Office  
U.S. Department of Energy

Sincerely,

**M Lee Bishop**

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Bishop  
Date: 2023.03.13 16:37:29  
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M. Lee Bishop, Director  
Office of Quality and Regulatory Compliance  
Environmental Management  
Los Alamos Field Office  
U.S. Department of Energy

- Enclosures: 1) Demolition Notification for Quarter Ending June 30, 2023 and List of Buildings and Attachment of Hazardous Materials Descriptions, U.S. Department of Energy, National Nuclear Security Administration, Los Alamos Field Office and Triad National Security, LLC
- 2) Demolition Notification for Quarter Ending June 30, 2023 and List of Buildings and Attachment of Hazardous Materials Descriptions, U.S. Department of Energy, Environmental Management, Los Alamos Field Office and Newport News Nuclear BWXT-Los Alamos, LLC.

copy w/enclosures:

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U.S. DEPARTMENT OF  
**ENERGY**

**COPY**

**National Nuclear Security Administration**

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**Environmental Management**

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Date: March 14, 2023

Mr. Dave Cobrain, Acting Chief  
Hazardous Waste Bureau  
New Mexico Environment Department  
2905 Rodeo Park Drive East, Building 1  
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**Subject: Demolition Notification for Quarter Ending June 30, 2023 and List of Buildings and Attachment of Hazardous Materials Descriptions, Hazardous Waste Facility Permit, Los Alamos National Laboratory, EPA ID# NM0890010515**

Dear Mr. Cobrain:

The United States Department of Energy (DOE) and its field offices, the National Nuclear Security Administration, Los Alamos Field Office (NA-LA) and the Environmental Management, Los Alamos Field Office (EM-LA), together with Triad National Security, LLC (Triad) and Newport News Nuclear BWXT-Los Alamos, LLC (N3B), collectively the Permittees, submit the enclosed report, *Demolition Notification for Quarter Ending June 30, 2023*, to the New Mexico Environment Department-Hazardous Waste Bureau (NMED-HWB). The report provides notice of demolition activities for the period of April 1, 2023, through June 30, 2023, in accordance with Permit Sections 1.17.1 and 1.17.2 of the Los Alamos National Laboratory Hazardous Waste Facility Permit (Permit).

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# ENCLOSURE 1

**Demolition Notification for Quarter Ending June 30, 2023  
and List of Buildings and Attachment of Hazardous  
Materials Descriptions, Hazardous Waste Facility Permit,  
Los Alamos National Laboratory, EPA ID# NM0890010515**

*Date: March 9, 2023*

U.S. Department of Energy,  
National Nuclear Security Administration Los Alamos Field Office, and  
Triad National Security, LLC





## Demolition Notification Quarter Ending June 30, 2023

### CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision according to 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.

**JENNIFER PAYNE**  
(Affiliate)

Digitally signed by JENNIFER  
PAYNE (Affiliate)  
Date: 2023.03.03 16:56:52 -07'00'

**Jennifer E. Payne**  
Division Leader  
Environmental Protection and Compliance Division  
Triad National Security, LLC  
Los Alamos National Laboratory

\_\_\_\_\_  
Date Signed

**Robert A.  
Gallegos**

Digitally signed by Robert A.  
Gallegos  
Date: 2023.03.09 16:00:09 -07'00'

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

**Acting for**

\_\_\_\_\_  
Date Signed

**Demolition Notification Quarter Ending June 30, 2023 and  
List of Buildings and Attachment of Hazardous Materials Descriptions**

| Quarter Ending: June 30, 2023                 |  |  |   |  |   |
|---|--|--|---|--|---|
| Technical Area-Building Number<br>(1.17.1(1)) | Current and Historic Uses<br>(1.17.1(2)) | Approximate Dates<br>of Operation<br>(1.17.1(3)) | Solid Waste Management Units<br>(SWMU)/ Areas of Concern (AOC)<br>within 50 ft of Footprint<br>(1.17.1(4))  | Category/Hazardous<br>Material that May Be<br>Present<br>(1.17.1(5)) | FY/Quarter Ending<br>Demolition Expected to<br>Begin<br>(1.17.1(6)) |
| 52-0001                                       | UHTREX Building                          | 1966-2012  | 52-001(a), LA-UR 08-6122<br>52-001(b), LA-UR 08-6122<br>52-001(c), LA-UR 08-6122<br>52-001(d), LA-UR 11-2487<br>C-52-001, LA-UR 08-6122<br>C-52-002, LA-UR 08-6122  | ACM, RAD   | June 30, 2023   |
| 52-0044                                       | Office Trailer                           | 1982-2021  | 52-002(b), LA-UR 08-6122  | N/A  | June 30, 2023   |
| 52-0045                                       | Office Trailer                           | 1982-2021  | 52-002(b), LA-UR 08-6122  | N/A  | June 30, 2023   |
| 52-0118                                       | Office Trailer Vestibule                 | 1982-2021  | 52-002(b), LA-UR 08-6122  | N/A  | June 30, 2023   |
| 16-0380                                       | HE Powder Inspection                     | 1952-2017  | 16-030(g), LA-UR 11-0135 16-<br>006(d), LA-UR 11-0135 16-003(m),<br>LA-UR 11-0135   | ACM, HE  | June 30, 2023   |
| 11-0024                                       | Shop/Assembly Bldg.                      | 1957-2009  | 11-004(a), LA-UR 93-1196<br>11-004(b), LA-UR 93-1196<br>11-004(c), LA-UR 93-1196<br>11-004(d), LA-UR 93-1196<br>11-004(e), LA-UR 93-1196<br>11-004(f), LA-UR 93-1196<br>11-001(b), LA-UR 93-1196<br>11-010(b), LA-UR 93-1196<br>11-011(d), LA-UR 15-28016 | ACM  | June 30, 2023   |
| 11-0036                                       | HE Magazine                              | 1966-2009  | 11-004(d), LA-UR 93-1196 11-<br>004(f), LA-UR 93-1196 11-004(c),<br>LA-UR 93-1196 11-001(b), LA-UR<br>93-1196 11-004(b), LA-UR 93-1196<br>11-004(e), LA-UR 93-1196 11-<br>004(a), LA-UR 93-1196 11-010(a),<br>LA-UR 93-1196                               | ACM, HE  | June 30, 2023   |
| 08-0032                                       | Magazine                                 | 1951-2009  | C-08-016, LA-UR 93-1230   | ACM  | June 30, 2023   |

ACM = Asbestos Containing Material  
RAD = Radiation  
HE = High Explosive

## **ENCLOSURE 2**

### **Demolition Notification for Fiscal Year 2023 Quarter 3 Ending June 30, 2023, List of Buildings and Attachment of Hazardous Materials Descriptions**

*Date: February 15, 2023*

U.S. Department of Energy,  
Environmental Management Los Alamos Field Office and  
Newport News Nuclear BWXT-Los Alamos, LLC



## CERTIFICATION

### NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC

#### Demolition Notification for Fiscal Year 2023 Quarter 3 Ending June 30, 2023, List of Buildings and Attachment of Hazardous Materials Descriptions

#### CERTIFICATION STATEMENT OF AUTHORIZATION

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In accordance with the New Mexico Administrative Code Title 20, Chapter 4, Part 1 (incorporating the Code of Federal Regulations, Title 40 CFR § 270.11):

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision according to 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."



Robert Macfarlane, Program Manager  
Environment, Safety, Health and Quality  
Newport News Nuclear BWXT-Los Alamos, LLC

February 9, 2023

Date

M Lee  
Bishop

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Lee Bishop  
Date: 2023.02.10  
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M. Lee Bishop, Director  
Office of Quality and Regulatory Compliance  
U.S. Department of Energy  
Environmental Management  
Los Alamos Field Office

Date

**Demolition Notification for Fiscal Year 2023 Quarter 3 Ending June 30, 2023,  
List of Buildings and Attachment of Hazardous Materials Descriptions**

| FY: Fiscal Year 2023 Quarter 3 Ending: June 30, 2023  |  |   |  |   |   |
|---|--|---|--|---|---|
| Technical Area-<br>Building Number<br>(1.17.1(1))   | Current and Historic Uses<br>(1.17.1(2))   | Approximate<br>Dates of<br>Operation<br>(1.17.1(3)) | Solid Waste Management Units<br>(SWMUs)/ Areas of Concern<br>(AOCs) within 50 ft of Footprint<br>(1.17.1(4)) | Category/Hazardous<br>Material that May Be<br>Present<br>(1.17.1(5))  | Date/Quarter Ending<br>Demolition Expected<br>to Begin<br>(1.17.1(6)) |
| TA-3/drainlines associated with building 3-0040 (SWMU 03-033, Twomile Canyon Aggregate Area)                                  | While building 3-0040 will not be removed, the drainlines that previously carried wastes from plating baths and plating rinses will be removed. This building previously served as a circuit board shop and is now used as office space. | 1970s–<br>January 1991                              | SWMU 03-033, AOC 03-014(z)   | Metals, cyanide, nitrate, perchlorate, VOCs, and SVOCs  | April 30, 2023/<br>FY 2023 Q3   |
| TA-3/drainline associated with former structure 03-1502 [AOC 03-038(f), Twomile Canyon Aggregate Area]                        | This is an abandoned industrial acid drainline that previously removed liquid wastes from a shower, sink, and toilet in former structure 03-1502. This drainline is no longer in use.  | Unknown start date–1986                             | AOC 03-038(f)  | Metals, cyanide, nitrate, perchlorate, VOCs, SVOCs, isotopic uranium, tritium, gamma-emitting radionuclides, and PCBs | May 15, 2023/<br>FY 2023 Q3   |
| TA-6/septic tank 100 ft north of building 06-0003 [SWMU 06-001(a), Twomile Canyon Aggregate Area]                             | This is a septic tank that formerly served a laboratory located in former building 06-0001 and a darkroom, restroom, and laboratory with lead-lined sink located in former building 06-0003.   | May 1944–1986                                       | SWMU 06-001(a)   | Metals, cyanide, nitrate, perchlorate, VOCs, SVOCs, HE, isotopic uranium, gamma-emitting radionuclides, and PCBs      | February 15, 2023/<br>FY 2023 Q2*                                     |
| TA-6/septic tank and distribution box 200 ft north of former building 06-0006 [SWMU 06-001(b), Twomile Canyon Aggregate Area] | The septic tank served former building 06-0006, which originally housed laboratory operations related to detonator assembly, an electronics work room, a chemistry laboratory, two darkrooms, restrooms, and a sink.                     | 1945–1989   | SWMU 06-001(b)   | Metals, cyanide, nitrate, perchlorate, VOCs, SVOCs, HE, isotopic uranium, and gamma-emitting radionuclides            | January 12, 2023/<br>FY 2023 Q2*                                      |

**Demolition Notification for Fiscal Year 2023 Quarter 3 Ending June 30, 2023,  
List of Buildings and Attachment of Hazardous Materials Descriptions**

| Technical Area-Building Number<br>(1.17.1(1))  | Current and Historic Uses<br>(1.17.1(2))  | Approximate Dates of Operation<br>(1.17.1(3)) | Solid Waste Management Units (SWMUs)/ Areas of Concern (AOCs) within 50 ft of Footprint<br>(1.17.1(4)) | Category/Hazardous Material that May Be Present<br>(1.17.1(5))   | Date/Quarter Ending Demolition Expected to Begin<br>(1.17.1(6)) |
|--|---|---|--|--|---|
| TA-22/inactive septic tank (structure 22-0050) and manhole riser north of building 22-0034 [SWMU 22-010(a), Twomile Canyon Aggregate Area] | The septic tank received sanitary waste from building 22-0034 (a detonator explosives building).  | 1952–1993                                     | SWMU 22-010(a)   | Metals, cyanide, nitrate, perchlorate, VOCs, SVOCs, HE, and PCBs | March 15, 2023/ FY 2023 Q2*                                     |
| TA-22/manhole and filter basket of seepage pit [SWMU 22-014(a), Twomile Canyon Aggregate Area] south of building 22-0093                   | Sump receives rinse water from parts and clothing washing facility where explosives compacting operations were conducted in building 22-0093. | 1985–1995                                     | SWMU 22-014(a)   | Metals, cyanide, nitrate, perchlorate, VOCs, SVOCs, HE, and PCBs | March 15, 2023/ FY 2023 Q2*                                     |
| TA-22/sump associated with building 22-0034, (Twomile Canyon Aggregate Area)   | Sump received contaminated wastewater from chemistry laboratory, explosives lab, and photographic lab located in building 22-0034.            | 1953–1994                                     | SWMU 22-014(b)   | Metals, cyanide, nitrate, perchlorate, VOCs, SVOCs, HE, and PCBs | March 1, 2023/ FY 2023 Q2*                                      |
| TA-22/seepage pit infrastructure associated with building 22-0091 [SWMU 22-015(a), Twomile Canyon Aggregate Area]                          | The seepage pit treated waste from etching operations in building 22-0091.  | 1958–1987                                     | SWMU 22-015(a)   | Metals, cyanide, nitrate, perchlorate, VOCs, SVOCs, HE, and PCBs | March 30, 2023/ FY 2023 Q2*                                     |

**Demolition Notification for Fiscal Year 2023 Quarter 3 Ending June 30, 2023,  
List of Buildings and Attachment of Hazardous Materials Descriptions**

| Technical Area-Building Number<br>(1.17.1(1))   | Current and Historic Uses<br>(1.17.1(2))  | Approximate Dates of Operation<br>(1.17.1(3)) | Solid Waste Management Units (SWMUs)/ Areas of Concern (AOCs) within 50 ft of Footprint<br>(1.17.1(4)) | Category/Hazardous Material that May Be Present<br>(1.17.1(5))   | Date/Quarter Ending Demolition Expected to Begin<br>(1.17.1(6)) |
|---|---|---|--|--|---|
| TA-22/sump associated with building 22-0025 [SWMU 22-015(b), Twomile Canyon Aggregate Area]                               | The inactive sump received waste from building 22-0025, which was used for the recrystallization of PETN.   | 1949–1960s                                    | SWMU 22-015(b)   | Metals, cyanide, nitrate, perchlorate, VOCs, SVOCs, HE, and PCBs | February 15, 2023/ FY 2023 Q2*                                  |
| TA-40/drainline, distribution box, and seepage pit surface infrastructure [SWMU 40-001(b), Twomile Canyon Aggregate Area] | The fixtures to be removed originally served former building 40-0019, a three-room guard shack, which was converted to a storage building in 1977 and decommissioned and removed in 2006. | 1949–2004                                     | SWMU 40-001(b)   | Metals, cyanide, nitrate, perchlorate, VOCs, SVOCs, HE, and PCBs | March 15, 2023/ FY 2023 Q2*                                     |

Note: In accordance with RCRA Permit Condition 1.17, this notification includes buildings and other fixed structures, such as drainlines, septic tanks, and other non-building structures that may contain hazardous material.

\* Indicates noted demolition is estimated to begin before the quarter ending June 30, 2023.

**Acronyms**

ACM = Asbestos Containing Material

AOC = Area of Concern

FY = Fiscal Year

HE = High Explosives

PACM = Presumes Asbestos Containing Material

PCB = Polychlorinated Biphenyl

PETN = Pentaerythritol Tetranitrate

Q = Quarter

RAD = Radiation

RCRA = Resource Conservation and Recovery Act

SVOC = Semivolatile Organic Compound

SWMU = Solid Waste Management Unit

TA = Technical Area

TPH = Total Petroleum Hydrocarbon

VOC = Volatile Organic Compound