

EMID-700126

## DEPARTMENT OF ENERGY

Environmental Management Los Alamos Field Office (EM-LA)  
Los Alamos, New Mexico 87544

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



NOV 15 2018

Dear Mr. Kieling:

Subject: Request for Certificate of Completion without Controls for Area of Concern C-21-001 in the DP Site Aggregate Area

References:

1. LANL 1991. "TA-21 Operable Unit RFI Work Plan for Environmental Restoration," Vol. II (Chapters 14 to 16), Los Alamos National Laboratory document LA-UR-91-962, Los Alamos, New Mexico (May 1991).
2. DOE 1987. "Phase I: Installation Assessment, Los Alamos National Laboratory," draft, Volume 1 of 2, Comprehensive Environmental Assessment and Response Program, Environment and Health Division, Environmental Programs Branch, Albuquerque Operations Office, Albuquerque, New Mexico (October 1987).
3. LASL 1946. "Septic Tanks, 'DP' Site Construction," Engineering Drawing ENG-C-2214, sheet number U6, Los Alamos, New Mexico (March 19, 1946).

In accordance with Section XXI of the 2016 Compliance Order on Consent (the Consent Order), the U.S. Department of Energy (DOE) is requesting a certificate of completion without controls for one area of concern (AOC), C-21-001, within the DP Site Aggregate Area at Los Alamos National Laboratory (LANL).

AOC C-21-001 is a one-time spill of hydrogen fluoride inside a corridor in building 21-017 (Figure 1) (LANL 1991) that occurred in the 1950s (DOE 1987). The quantity of hydrogen fluoride spilled is unknown. Building 21-017 was built in 1945 and connected buildings 21-004 and 21-005 (LASL 1946). In 1969, the building was removed (LANL 1991). Building 21-315 was built on top of the former location of building 21-017. Hydrogen fluoride in liquid form vaporizes when exposed to air, such as during a spill. Because this spill occurred within a building and the hydrogen fluoride would have dispersed into the air, no soil contamination resulted and no activities are needed under the Consent Order to address this one-time spill. Therefore, DOE is requesting a certificate of completion without controls for AOC C-21-001.

If you have any questions, please contact Cheryl Rodriguez at (505) 665-5330  
(cheryl.rodriguez@em.doe.gov).

Sincerely,



Arturo Q. Duran  
Designated Agency Manager  
Environmental Management  
Los Alamos Field Office

Enclosures:

1. Figure 1, Location of AOC 21-001 (EM2018-0098)

cc (letter and enclosure[s] emailed):

L. King, EPA Region 6, Dallas, TX

S. Yanicak, NMED

E. Day, N3B

M. Erickson, N3B

E. Evered, N3B

D. Katzman, N3B

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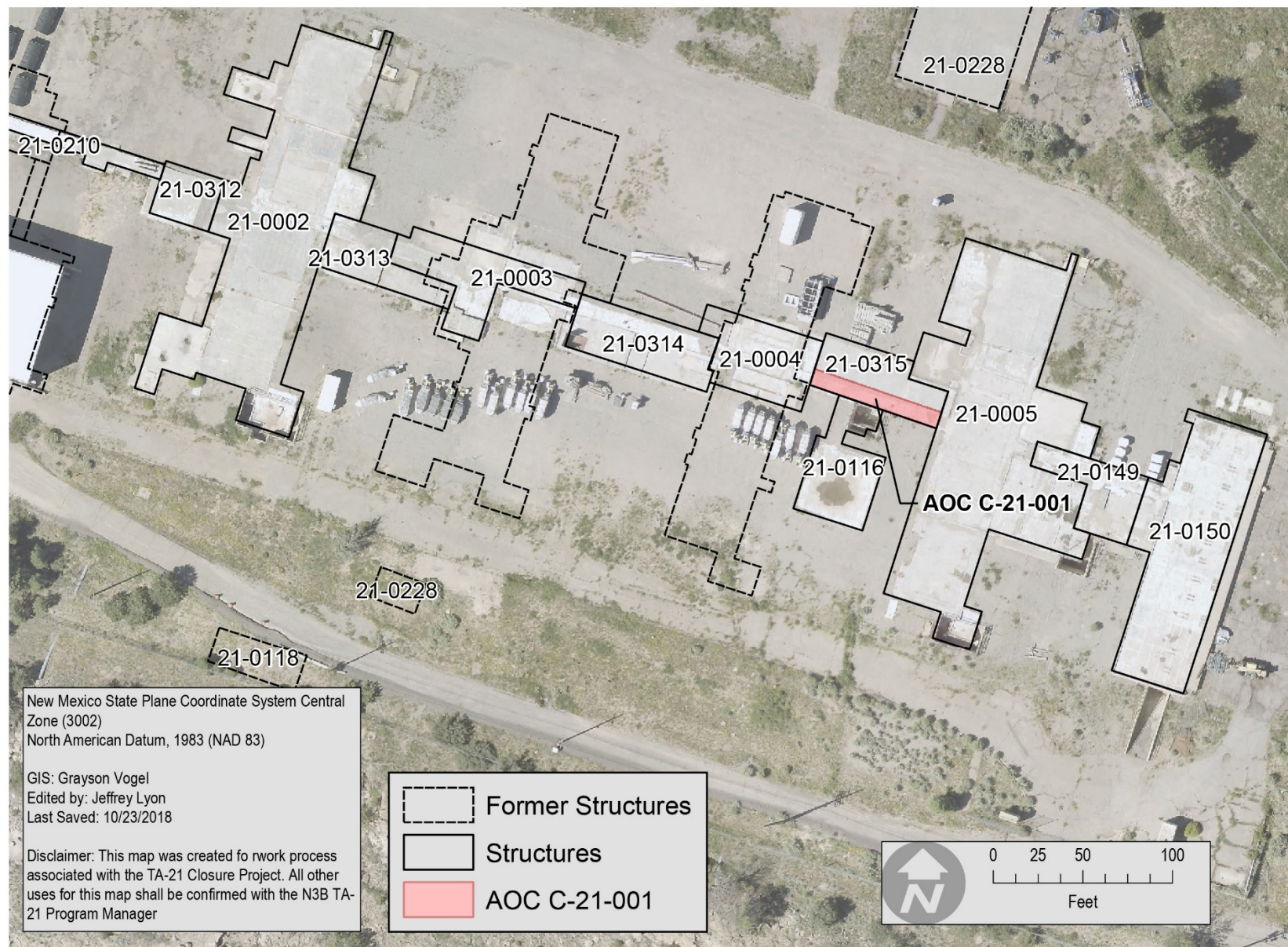
N3B Records

Public Reading Room (EPRR)

PRS Database

EM-LA-40AD-00347





**Figure 1**      **Location of AOC C-21-001**