

**FLOODPLAIN STATEMENT OF FINDINGS
FOR
THE OUTDOOR FIRE RANGE UPGRADES AT
TECHNICAL AREA - 72
LOS ALAMOS NATIONAL LABORATORY
LOS ALAMOS, NEW MEXICO**

AGENCY: U.S. Department of Energy (DOE) National Nuclear Security Administration (NNSA), Los Alamos Field Office (NA-LA)

ACTION: Floodplain Statement of Findings

PROPOSED ACTION: DOE is proposing several upgrades to the Outdoor Live Fire Range including the 1) construction of a new storage warehouse, 2) repair small drainage issues around the outdoor live fire range, and 3) placement of asphalt millings or base course on and around disturbed areas within the shooting range for extra stabilization and to reduce silica dust during operations (Figure 1).

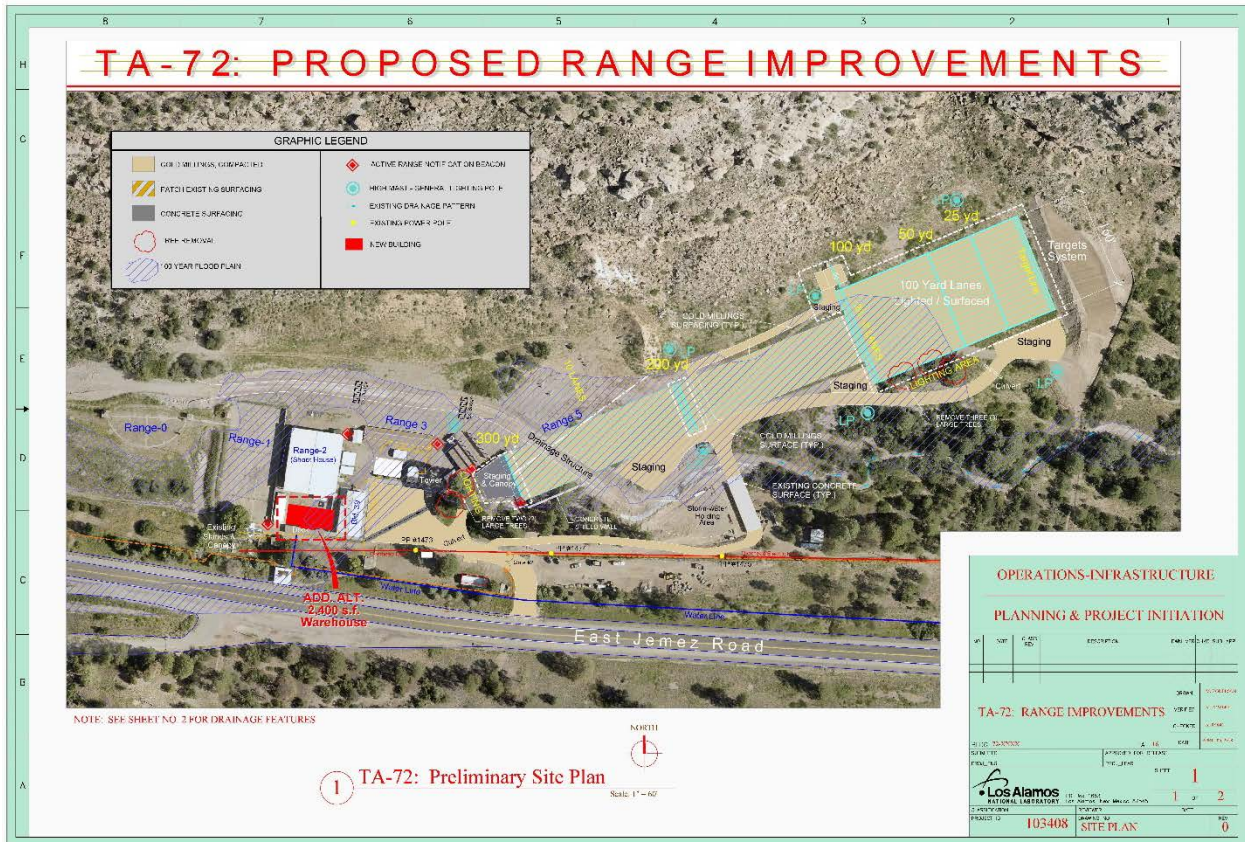


Figure 1. Proposed upgrades for the TA-72 outdoor live fire range in Sandia Canyon in relation to the 100-year floodplain.

The proposed 2400 ft² (222 m²) warehouse will be constructed just south of building 36 and north of building 12 for storage of targets, supplies, and other consumables (Figure 1). This footprint is already disturbed and partially developed and surrounded by other structures. The second part of this project will be to perform small repairs around the existing buildings to correct drainage issues during rain events. The third part of the project will be to place asphalt millings from onsite road projects and/or base course material at specific locations around the site. Areas that will receive the material are the existing dirt roads in the site, the parking areas, and the dirt field that is within range 5 (Figure 1). No asphalt millings or base course will be placed within the drainage structure.

SUPPLEMENTARY INFORMATION: The notification for actions within a floodplain area and request for comments was sent to appropriate government agencies, tribal, and groups and persons known to be interested in or potentially affected by the proposed floodplain action via the GovDelivery system and published online on May 11, 2018. Access to the “*Floodplain Assessment for the TA-72 Outdoor Fire Range Upgrades at Los Alamos National Laboratory*” (Assessment) was posted to the LANL Electronic Public Reading Room at <http://permalink.lanl.gov/object/tr?what=info:lanl-repo/lareport/LA-UR-18-23647> as well as posted on the DOE NEPA website <https://www.energy.gov/nnsa/other-environmental-documents>.

Additionally a hard copy of the Assessment was placed in the Los Alamos National Laboratory Public Reading Room, located at 94 Cities of Gold Road, Pojoaque, New Mexico. No comments were received. This Floodplain Statement of Findings was prepared in accordance with Executive Order 11988, *Floodplain Management* and DOE implementing regulations 10 Code of Federal Regulations 1022 *Compliance with Floodplain and Wetland Environmental Review Requirements*; and provides a summary of the Assessment analysis and determination.

ALTERNATIVES: The only viable alternative to the proposed action is a no action alternative. This alternative was not selected because it would not DOE to fulfill mission requirements and ensure armed Protective Force personnel are trained and qualified to protect the laboratory workforce and operations as required by: DOE Order 470.3B, Graded Security Protection (GSP) Policy, DOE Order 470.4B, Safeguards and Security Program, Admin Change 1, DOE Order 473.3, Protection Program Operations, and the LANL Site Safeguards and Security Plan. Compliance with the listed safety and security requirements is mandatory.

FLOODPLAIN IMPACTS: DOE NA-LA has determined that this project will not result in long-term adverse impacts to the beneficial values of the 100-year floodplain. The project will conform to applicable floodplain protection standards. The drainage design for the entire fire range will ensure runoff is directed into the channel with a design that will minimize erosion and damage to facilities. The project will not change the elevations or flow paths; thus, the potential for erosion, sediment transport, and flooding following completion of this project will remain the same. Best management practices, including erosion and sediment control measures will be utilized during construction to minimize any potential harm. No effects to lives or property associated with floodplain disturbance are anticipated.

Compliance with the Migratory Bird Treaty Act restricts vegetation removal during the peak bird breeding season, May 15 through July 31, unless LANL biological resources staff have conducted a survey to ensure that there are no nesting birds present. If active nests are found, the

nest tree or shrub will be left in place until the nesting is complete. Large tree removals will be evaluated on a case by case basis by LANL biological resources staff.

FOR FURTHER INFORMATION CONTACT: For further information on this proposed floodplain action contact Ms. Kristen Dors via email at Kristen.Dors@nnsa.doe.gov; fax (505) 667-5948; or mail to Ms. Kristen Dors, NNSA Los Alamos Site Office, 3747 West Jemez Road, Los Alamos, NM 87544