



DEPARTMENT OF ENERGY  
National Nuclear Security Administration  
Los Alamos Site Office  
Los Alamos, New Mexico 87544



OCT 01 2009

To: Distribution List


The U. S Department of Energy, National Nuclear Security Administration (NNSA) Los Alamos Site Office (LASO) issued a floodplain assessment for work proposed within Pueblo Canyon for comment in accordance with Title 10, Code of Federal Regulations (CFR), Part 1022, "*Compliance with Floodplain and Wetland Environmental Review Requirements*" on September 15, 2009. A copy of the Floodplain Assessment was made available for review electronically on the Internet at: <http://www.lanl.gov/environment/compliance/>, and for hard copy review at the Robert J. Oppenheimer Study Center Research Library, located within Los Alamos National Laboratory (LANL) Technical Area (TA)-3, Los Alamos, New Mexico. The two-week comment period ended on September 29, 2009, and no comments were received.

Los Alamos Site Office Environmental Operations personnel and Los Alamos National Security, LLC, Environmental Program personnel are preparing to implement a project to repair the degraded Pueblo Canyon channel using a Grade Control Structure in Pueblo Canyon at TA-74. The structure is the preferred method to limit the loss of sediment and dissipate floodwater leaving LANL property. The proposed structure will be composed of gabions with a 30-foot low-flow weir width at four feet above the low point in the existing stream and a 171-foot overflow weir at three feet above the low-flow weir. The estimated 100-year flow was used to determine the weir dimensions. The structure will include a 350-foot earthen guide berm in the floodplain to prevent erosion caused by water as it is collected and funneled toward the structure opening. The proposed structure is part of the corrective actions discussed in the "*Supplemental Interim Measure Work Plan to Mitigate Contaminated Sediment Transport in Los Alamos and Pueblo Canyons*", dated October 2008, that have been approved by the New Mexico Environment Department.

In accordance with 10 CFR 1022, LASO personnel have prepared this Statement of Findings and will perform these proposed actions in a manner so as to avoid or minimize potential harm to or within the affected floodplain area.

If you have any questions or comments on this action, contact Vicki Loucks of my staff at (505) 667-6819 or by e-mail at [vloucks@doeal.gov](mailto:vloucks@doeal.gov). For further information on general Department of Energy floodplain environmental review requirements, contact Mrs. Carol Borgstrom, Director, Office of NEPA Policy and Compliance (GC-20), US Department of Engery, 1000 Independence Avenue, SW, Washington DC 20585; (202) 586-4600, or leave a message at (800) 472-2756.

Sincerely,

  
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Distribution List: See page 3

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