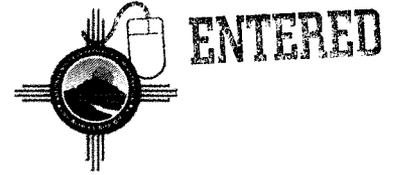




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JUN 15 2015



*Associate Director for ESH*  
Environment, Safety, and Health  
P.O. Box 1663, MS K491  
Los Alamos, New Mexico 87545  
505-667-4218/Fax 505-665-3811

**NMED  
Hazardous Waste Bureau**

*National Nuclear Security Administration*  
Los Alamos Field Office, MS A316  
Environmental Projects Office  
Los Alamos, New Mexico 87544  
(505) 667-4255/FAX (505) 606-2132

*Date:* JUN 15 2015  
*Refer To:* ADESH-15-096  
*LAUR:* N/A

*Locates Action No.:* U1402324

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

**Subject: Request for Extension to Install the Angled Boring for Sandia Wetland Borehole 1**

Dear Mr. Kieling:

Los Alamos National Security, LLC (LANS) and the U.S. Department of Energy (DOE) request an extension to the June 30, 2015, deadline to install the Angled Boring for Sandia Wetland Borehole 1 (SWB-1) to a new date of June 30, 2016. DOE/LANS request this extension under Section III.J.2 of the March 2005 Compliance Order on Consent (Consent Order).

The requirement to install angled boring SWB-1 by June 30, 2015, was established in the Approval with Modifications of the Sandia Canyon Phase II Investigation Report, dated February 19, 2014. This approval was received before the final siting of R-67/Corehole-6. The New Mexico Environment Department (NMED) stated that the angled borehole was needed to investigate the possible transport pathways for chromium-contaminated groundwater in a possible shear zone beneath the Sandia wetland.

The location of R-67/Corehole-6 has now been established and moved farther to the west, closer to the Sandia wetland than initially discussed with NMED. Following this well siting decision, Los Alamos National Laboratory (the Laboratory) and NMED staff discussed the timing of the installation of SWB-1 to maximize the usefulness of this borehole. NMED staff agreed that the installation of SWB-1 should be delayed until after R-67/Corehole-6 has been installed and two quarters of groundwater sampling have been collected, analyzed, and validated. R-67/Corehole-6 is scheduled to be NMED-complete in August 2015. The first round of water samples will be collected within 60 days of its development, with a second round collected approximately 3 months later.



The extension will allow Laboratory staff time to review validated water chemistry results from R-67/Corehole-6 and evaluate some of the hypotheses to be tested by SWB-1, possibly altering the location, length, and angle of the borehole or determining SWB-1 is no longer necessary. Therefore, the Laboratory requests an extension for the SWB-1 requirement from the June 30, 2015, date to a new date of June 30, 2016.

If you have any questions, please contact Stephani Swickley at (505) 606-1628 (sfuller@lanl.gov) or Hai Shen at (505) 665-5046 (hai.shen@em.doe.gov).

Sincerely,



Alison M. Dorries, Division Leader  
Environmental Protection Division  
Los Alamos National Laboratory

Sincerely,



Christine Gelles, Acting Manager  
Environmental Management  
Los Alamos Field Office

AD/CG/DM/SS:sm

Cy: (date-stamped letter emailed)  
Laurie King, EPA Region 6, Dallas, TX  
Steve Yanicak, NMED-DOE-OB, MS M894  
lasomailbox@nnsa.doe.gov  
Kimberly Davis Lebak, DOE-NA-LA  
Peter Maggiore, DOE-NA-LA  
Annette Russell, DOE-EM-LA  
Hai Shen, DOE-EM-LA  
Cheryl Rodriguez, DOE-EM-LA  
David Rhodes, DOE-EM-LA  
Stephani Swickley, ADEP ER Program  
Dave McInroy, ADEP ER Program  
Randy Erickson, ADEP  
Jocelyn Buckley, ADESH-ENV-CP  
Mike Saladen, ADESH-ENV-CP  
Tony Grieggs, ADESH-ENV-CP  
Alison Dorries, ADESH-ENV-DO  
Michael Brandt, ADESH  
Amy De Palma, PADOPS  
Michael Lansing, PADOPS  
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