



*State of New Mexico*  
**ENVIRONMENT DEPARTMENT**  
*Hazardous Waste Bureau*



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**CERTIFIED MAIL -- RETURN RECEIPT REQUESTED**

September 26, 2018

Doug Hintze, Manager  
 Environmental Management  
 Los Alamos Field Office  
 P.O. Box 1663 MS-M984  
 Los Alamos, NM 87545

**RE: APPROVAL  
 REQUEST FOR EXTENSION OF PHASE 2 PILOT AMENDMENTS  
 TESTING WORK PLAN  
 FISCAL YEAR 2018 MILESTONE #10  
 LOS ALAMOS NATIONAL LABORATORY  
 EPA ID #NM0890010515  
 HWB-LANL-MISC-GW**

Dear Mr. Hintze:

The New Mexico Environment Department ("NMED") has received from the United States Department of Energy's ("DOE") document entitled *Request for Extension of Phase 2 Pilot Amendments Testing Work Plan* ("Request"), dated September 20, 2018 and referenced by EM-LA-20AD-00310. The Request was received on September 20, 2018.

DOE has requested an extension for the Phase 2 Pilot Amendments Testing Work Plan (Phase 2 work plan), listed as Milestone #10 in the Fiscal Year ("FY") 2018 version of Appendix B, Milestones and Targets, in the 2016 Compliance Order on Consent ("Consent Order"). The Phase 2 work plan will be based on results from the Phase 1 pilot-scale amendments test ("Phase 1 test"), which has not yet been completed. DOE is requesting an extension to submit the Phase 2 work plan because the Phase 1 test results are necessary to inform the Phase 2 work plan. The extension will also enable the completion of a cross-hole tracer study between CrPZ-1 and CrEX-2 to support the Phase 2 amendments testing.

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Section XXVIII, *Extensions*, of the Consent Order allows for milestone extensions when good cause exists, such as the collection of new technical information. DOE has demonstrated that a good cause exists for the requested extension. NMED hereby grants the extension for submittal of FY 2018 Milestone #10 in accordance with Section XXVIII of the Consent Order.

Additionally, in accordance with Section XXXV.A.3 of the Consent Order, Milestone #10 is no longer a milestone for FY 2018. As proposed in the Request, DOE must submit the Phase 2 work plan by **June 28, 2019**. DOE and NMED have agreed that the milestone shall be incorporated into the updated FY 2019 Appendix B pursuant to the process set forth in Section VIII.C.

Additionally, DOE shall submit a work plan for the cross-hole tracer study between CrPZ-1 and CrEX-2 by **October 31, 2018**, as stated in the Request.

If you have any questions or comments regarding this correspondence, please contact Dane Andersen at 505-476-6056.

Sincerely,



John E. Kielling  
Chief  
Hazardous Waste Bureau

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File: Reading and LANL 2018, Request for Extension of Phase 2 Pilot Amendments Testing  
Work Plan Milestone