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CERTIFIED MAIL – RETURN RECEIPT REQUESTED

July 22, 2016

Doug Hintze, Manager
U.S. Department of Energy
EM-Los Alamos Field Office, DOE
3747 West Jemez Rd, MS A316
Los Alamos, NM 87544

Michael Brandt, Associate Director
Environment, Safety, Health
Los Alamos National Laboratory
P.O. Box 1663, MS K491
Los Alamos, NM 87545

RE: CERTIFICATE OF COMPLETION
ONE AREA OF CONCERN C-00-041, IN THE GUAJE/BARRANCAS/RENDIJA CANYONS AGGREGATE AREA
EPA ID #NM0890010515
HWB-LANL-15-039

Dear Messrs. Hintze and Brandt:

The New Mexico Environment Department (Department) has received the United States Department of Energy's (DOE) and Los Alamos National Security, LLC (collectively the Permittees) *Request for Certificate of Completion for One Area of Concern in the Guaje/Barrancas/Rendija Aggregate Area* (Request), dated August 13, 2015, and referenced by ADESH-15-107.

This area of concern (AOC) was recommended for corrective action complete in the *Response to the Notice of Disapproval for the Investigation Report for Guaje/Barrancas/Rendija Canyons Aggregate Area at Technical Area 00 and Revision 1* (Report), dated November 29, 2007 (EP2007-0719). The Department issued an Approval with Direction in response to the Report on December 20, 2007, requiring the Permittees to collect samples from four separate storm events to evaluate potential contaminant transport by stormwater in the Aggregate Area, and to biennially inspect and remove any asphalt or tar-like substance that may be unearthed by storm or other erosional events.

The Department has completed its review of the Request, and hereby issues this certificate of completion with controls for AOC C-00-041pursuant to Section XXI.E of the 2016 Consent Order.

AOC C-00-041 is a former asphalt batch plant located in a 600-ft-long portion of a side slope and drainage channel that flows into Rendija Canyon on United States Forest Service (USFS) land. Based on evidence from historic aerial photography, the plant operated from the late 1940's through 1958. The plant was removed, and the land was transferred to the USFS in 1969. The AOC was investigated in 1995, 1999, and 2006-2007. The investigations indicated that the site does not pose unacceptable risk under residential land use scenarios. The results of the ecological risk-screening assessment indicate no potential unacceptable risk to ecological receptors at the site.

However, the Department's Approval with Direction letter (dated December 20, 2007) directed the Permittees to conduct biennial inspections "to remove any additional asphalt and tar that may be unearthed by storm events or other erosion". The Permittees performed biennial inspections and removal of tar and asphalt in 2009, 2013, 2011, 2013, and 2015. The controls for AOC C-00-041 are the continuation of biennial inspections and removal of exposed tar and asphalt and the submittal of reports summarizing the inspection and removal activities to the Department by December 31st of each year that inspections are conducted. Next inspection report is due on December 31, 2017.

The Department has determined that AOC C-00-041 qualifies for a certificate of completion with controls. Although corrective action is complete under the Consent Order, the Permittees must continue to comply with all applicable state and federal regulations. If new information becomes available that indicates that these sites potentially pose a risk to human health or the environment, the Department may require additional corrective action at this site.

Please contact Siona Briley at (505) 476-6049, if you have any questions.

Sincerely,

John E. Kieling
Chief
Hazardous Waste Bureau

cc: K. Roberts, NMED-RPD
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File: 2016 LANL, Certificate of Completion for AOC C-00-041, Guaje/Barrancas/Rendija Aggregate Area LANL 15-039