

Conversation Contents

Skull Valley Mineral Exploration - Chemical and Physical Analysis

Attachments:

/77. Skull Valley Mineral Exploration - Chemical and Physical Analysis/1.1 Kirkland Mining_Sale Application_2015-07_OCR_ex_sm.pdf

"Hawes, David" <rhawes@blm.gov>

From: "Hawes, David" <rhawes@blm.gov>
Sent: Fri Dec 11 2015 14:04:08 GMT-0700 (MST)
To:
Subject: Skull Valley Mineral Exploration - Chemical and Physical Analysis
Attachments: Kirkland Mining_Sale Application_2015-07_OCR_ex_sm.pdf

(b) (6): Regarding your question about the presence of erionite in the mineral deposits to be explored in the Skull Valley, AZ area, none has been found. We don't monitor for such materials. However, the Kirkland Mining Company in the attached July 7, 2015 mineral materials sale application (which it later replaced with a simple mining notice) states that they found no fibrous minerals such as asbestos, erionite or other fibrous minerals.

This finding appears to be supported by the included Appendix A, Chemical and Physical Analysis by ASU.

From the July 7, 2015 Sale Application

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"8. There will be no significant impacts on public health or safety. In particular, KMC undertook testing of the material stockpile (June 2015) and no asbestos containing material or other fibrous minerals are present."

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"Air Quality

Regulated air pollutants will primarily be fugitive dust. At the planned production rate, KMC's operation will be below the permit threshold and will not require a permit. The project site was visited by inspectors from the Arizona Department of Environmental Quality ("ADEQ") on May 13, 2015. The inspectors reported "No deficiencies were noted during the course of the inspection. No ADEQ action will result from this inspection."

Fiberquant Analytical Services ("Fiberquant"), specialists in detecting fibrous minerals, tested 18 samples of HQP from the stockpile and other locations on the KMC adjacent claims. Fiberquant did not find any fibers indicating the presence of asbestos, erionite or other fibrous minerals that could be an airborne hazard (Appendix E). KMC will water the haul road regularly and limit vehicle speed to control dust from traffic."

Contacts for Chemical and Physical Analysis:

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Barzin Mobasher, Ph.D., P.E.
Professor of Civil and Environmental Engineering
Arizona State University
School of Sustainable Engineering and the Built Environment
Civil and Environmental Engineering Program
Arizona State University, Tempe, Arizona 87287-3005
Phone: (480) 965-0141
Fax (480) 965-0557
E-mail: barzin@asu.edu
home page: <http://ceaspub.eas.asu.edu/cement>

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Fiberquant Analytical Services
5025 S 33rd Street
Phoenix, Arizona 85040-2816
Phone 602-276-6139

If you have any other mining-related questions, contact me or Geologist Matt Plis at 623-580-5518.

— Rem Hawes
Hassayampa Field Manager
BLM Phoenix District
21605 N 7th Ave • Phoenix, AZ 85027 • 623-580-5530