



THE STATE
of **ALASKA**
GOVERNOR BILL WALKER

Department of Environmental
Conservation

DIVISION OF SPILL PREVENTION AND RESPONSE
Contaminated Sites Program

Post Office Box 1542
Haines, Alaska 99827
Main: 907-766-3184
Fax: 907-766-3185
www.dec.alaska.gov

File No: 2404.38.014

December 8, 2015

Mr. Larry Beck
Bureau of Land Management
4700 BLM Road
Anchorage, Alaska 99507

Re: *Site Characterization and Limited Soil Removal Report*
Kolmakof Mine, Napaimute, Alaska

Dear Mr. Beck:

The Alaska Department of Environmental Conservation (DEC) has received and reviewed the *Site Characterization and Limited Soil Removal Report* for the Bureau of Land Management (BLM) Kolmakof Mine site, prepared by Brice Environmental, and dated November 2015. This report satisfactorily addresses DEC comments made on the draft version of this document. DEC hereby approves the *Site Characterization and Limited Soil Removal Report* in accordance with 18 Alaska Administrative Code (AAC) 75.380.

The cleanup action for this site has been conducted in three phases due to the availability of funding. The first phase of the cleanup began in 2013 with those activities reported in an *Interim Removal Final Report*, dated May 2014, the second phase was conducted in August 2014 and was documented in an *Interim Removal Final Report*, dated December 2014. The *Site Characterization and Limited Soil Removal Report* documents field activities conducted in June 2015, under a DEC-approved work plan addendum dated May 26, 2015.

In 2015, field activities were conducted at both the Mill Area (IA-2) and Retort Mound Area (IA-1). BLM excavated a total of ten (10) cubic yards of metals-contaminated soil from the Mill Area. This soil was shipped to the Columbia Ridge Landfill in Arlington, Oregon. Confirmation samples were collected and analyzed by SGS in Anchorage. The analytical results showed that arsenic, chromium, mercury, and nickel were found to be present at concentrations below the approved cleanup levels. No additional cleanup activities are required at the Mill Area.

BLM excavated four (4) cubic yards of metals contaminated soil from the Retort Mound Area. This soil was also shipped to the Columbia Ridge Landfill in Arlington, Oregon. Characterization samples were collected and analyzed by SGS in Anchorage. The analytical results showed that contaminants of concern remain present at concentrations which exceed the approved cleanup levels. This report estimates that an additional 415 cubic yards of contaminated soil is present at the Retort Mound Area. Additional work is needed at the Retort Mound Area.

We look forward to continuing to work with you on this project. Please let me know if you have any questions regarding this site.

Sincerely,

A handwritten signature in blue ink, appearing to read "Anne Marie Palmieri".

Anne Marie Palmieri
Environmental Program Specialist