



THE STATE
of ALASKA
GOVERNOR BILL WALKER

Department of Environmental
Conservation

DIVISION OF SPILL PREVENTION AND RESPONSE
Contaminated Sites Program

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File No: 2404.38.014

January 21, 2015

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

Re: *Interim Removal Final Report*
Kolmakof Mine, Napaimute, Alaska

Dear Mr. Beck:

The Alaska Department of Environmental Conservation (DEC) has received and reviewed the *Interim Removal Final Report* for the Bureau of Land Management (BLM) Kolmakof Mine site, prepared by Brice Environmental, and dated December 2014. This report satisfactorily addresses DEC comments made on the draft version of this document. DEC hereby approves the *Interim Removal Final Report* in accordance with 18 Alaska Administrative Code (AAC) 75.380.

The cleanup action for this site was divided into two 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. This *Interim Removal Final Report* is dated December 2014 and documents field activities conducted in August 2014, under a DEC-approved work plan addendum dated July 2014.

In August 2014, BLM excavated six (6) 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 chromium and mercury remain present at concentrations which exceed the approved cleanup levels. Additional work is needed at this area.

BLM also excavated a total of 94 cubic yards of metals-contaminated soil from the Retort Mound 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, and mercury remain present at concentrations which exceed the approved cleanup levels. Additional work is also needed at this area.

BLM collected a multi-increment sample in triplicate from the 23 cubic yards of petroleum-contaminated soil in the landspread area in order to assess how quickly the petroleum was attenuating. The sample was analyzed for diesel-range organics by SGS in Anchorage. The 95% upper confidence limit (UCL) for the analytical results of the triplicate sample were calculated to be 149 milligrams per kilogram (mg/kg), below the approved cleanup level of 250 mg/kg. As the sample results are below the approved cleanup level, no further cleanup activities are required for the landspread 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 cursive script, appearing to read "Anne Marie Palmieri".

Anne Marie Palmieri
Environmental Program Specialist