



THE STATE
of **ALASKA**
GOVERNOR SEAN PARNELL

Department of
Environmental Conservation

DIVISION OF SPILL PREVENTION & RESPONSE
Contaminated Sites Program

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File No: 660.38.005

November 07, 2013

Indian Health Service
Alaska Area Native Health Service
Office of Environmental Health & Engineering
Attention: Mr. Dale Mossefin,
4141 Ambassador Drive, Suite 300
Anchorage, AK 99508

Re: ADEC Determination of Cleanup Complete and No Further Action Required for
the Former Gambell Indian Health Service (IHS) Health Clinic

Dear Mr. Mossefin;

Thank you for providing the Alaska Department of Environmental Conservation's Contaminated Sites Program (ADEC) with a copy of the Final Former Gambell IHS Health Clinic 2012 Site Closure Report which is dated July 2013 and was received by ADEC on July 12, 2013. ADEC submitted an approval letter of the final report to IHS on September 6, 2013. Thank you also for submitting the IHS's site closure request letter which is dated September 10, 2013 and was received by ADEC on September 12, 2013.

In 2012, IHS conducted a site characterization effort with the intent of constructing a containment cell for the purpose of holding and treating petroleum-contaminated soils originating from the former health clinic site. Soils were excavated from the site and placed into two separate stockpiles; one stockpile of soils for which the field screening results indicated the soils likely to be clean and another where the results indicated possibly to exceed cleanup levels. After encountering permafrost at 12 feet below ground surface, the field crew collected confirmation soil samples from the excavation floor and sidewalls as well as from both soil stockpiles. Analytical results of all soil samples were below the ADEC-approved cleanup levels respective to the associated depths for this site. ADEC notes that although analytical results indicated that one soil sample collected from the excavation floor had diesel range organic contamination at concentrations (342 mg/kg DRO) above the most stringent migration to groundwater pathway (250 mg/DRO) this concentration is still well below the ADEC-approved cleanup level of 10,250 mg/kg DRO. Soil sample analytical results indicated that concentrations of all contaminants of concern associated identified for this site were well below the ADEC-approved cleanup levels which are listed below.

Compounds of Concern	Cleanup Level(1) < 2 feet bgs (mg/kg)	Cleanup level(2) >2 feet bgs (mg/kg)
Gasoline Range Organics (GRO)	300	1,400
Diesel Range Organics (DRO)	250	10,250
Benzene	0.02	150
Toluene	5.4	20,300
Ethyl Benzene	5.5	10,000
Xylenes (total)	78	20,300
18 AAC 75 B1 Method Two Cleanup Levels Under 40-inch Zone for Migration to Groundwater		18 AAC 75 Table B1 Method Two Cleanup Levels Under 40-inch Zone for Ingestion

Analysis results from the 2012 soil stockpile samples confirmed that no contaminants exceeded the respective cleanup levels as described above. Therefore, ADEC approved IHS's 2012 request to not treat any of the excavated soils which were then backfilled into the excavation site.

This letter serves as ADEC's final determination that the contamination cleanup requirements have been achieved for the former Gambell HIS health clinic site and that no further exposure risks remain to either human health or the environment. ADEC will update its database and files accordingly to reflect this determination. Please note that this determination may be reviewed and/or changed by ADEC at any time in the event that new information confirms that conditions at the site are no longer protective of human health and/or the environment.

Please contact me at curtis.dunkin@alaska.gov or at (907)269-3053 if you have any questions regarding this letter.

Sincerely,

Curtis Dunkin
Environmental Program Specialist

cc: Michael Weaver, Monica Weaver, Ken Harper, Paula Poncho,
Kelly Leseman, and Denman Ondelacy – IHS (via email)
Glen Hasburgh and Larry Helgeson – EMI, Inc. (via email)