

STATE OF ALASKA

**DEPT. OF ENVIRONMENTAL CONSERVATION
DIVISION OF SPILL PREVENTION AND RESPONSE
CONTAMINATED SITES PROGRAM**

SARAH PALIN, GOVERNOR

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File: 870.38.001

January 31, 2007

Jennie Peter
City Clerk
City of Ruby
PO Box 90
Ruby, Alaska 99768

Re: Environmental Status
City of Ruby Teen Center Spill
Reckey # 2001310112501

Dear Ms. Peter:

The Alaska Department of Environmental Conservation, Contaminated Sites Program, (ADEC) reviewed the letter regarding the corrective actions taken at the Ruby Teen Center in 2001. Based on the information you provided and the administrative file, ADEC has determined that soil contamination remains at the site above the most stringent 18 AAC 75.341 soil cleanup levels. However, the nature and extent of this contamination does not pose an unacceptable risk to human health or the environment and allows ADEC to conditionally close this site subject to conditions established in this document.

Please note the following information that was considered in making the determination on the environmental status of the site.

Background

In 2001, the fuel supply line to the furnace reportedly leaked heating oil to soil under the Teen Recreation Center in Ruby, Alaska. It was estimated that 70 gallons of heating fuel was released and impacted the gravel pad (approximately 120 square feet) underlying the building.

The City of Ruby initiated spill response and corrective action measures that included: replacing the floor, insulation and walls; removing the old furnace and installing a new monitor furnace; and an attempt to remove soil from underneath the building. However, soil removal was unsuccessful due to limited space between the ground and the building foundation.

The groundwater in the Ruby area is characterized by a shallow aquifer in an interbedded sandy silt unit with thin lenses of gravelly sand and a static water level of 12 feet below ground surface (bgs). A deeper aquifer located in fractured limestone bedrock is approximately 45 to 185 feet bgs. It is unknown if either of the aquifers are confined.

The Teen Center site is hydraulically downgradient from the drinking water well serving the community's school and approximately 2,200 feet from the water well serving the community washeteria. The Teen Center and the library (located next door) depend on water from other sources for drinking water. The Center is not currently being used but it likely will be in the future.

Pathways Evaluated

Pathways evaluated at the site include: ingestion (soil and water), inhalation (indoor and outdoor air) and migration to groundwater. Based on information provided to date, all pathways are considered complete.

The soil beneath the teen center building has not been characterized to evaluate human health risks but is estimated to be minimal in extent. The migration of contaminant vapors into the building is a potential exposure pathway that might pose a risk depending upon concentrations.

Cleanup Levels

The cleanup levels established for this site are the 18 AAC 75.341 Tables B1 and B2 Method Two, "under 40 inch zone" migration to groundwater soil levels and the 18 AAC 75.345 Table C groundwater levels.

ADEC Decision

Based on the information provided to date, ADEC has determined that the City of Ruby Teen Center site does not pose an unacceptable risk to human health or the environment. The contamination remaining under the building is limited in extent and, if the conditions established by this decision are complied with, no further remedial action will be required.

This determination (conditional closure) is subject to the following conditions:

1. A Notice of Environmental Contamination will be listed in the ADEC Contaminated Sites Database identifying the nature and extent of contamination remaining on site and any conditions that are attached to the site.
2. In accordance with 18 AAC 75.370(b), ADEC approval must be obtained prior to removal and/or disposal of soil or groundwater from this site to an off-site location.
3. If the contaminated soil remaining on site becomes accessible and/or is determined to pose a risk in the future, a plan to address the contamination shall be submitted to ADEC for review and approval.

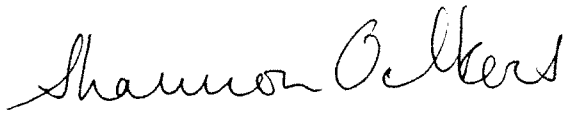
In accordance with 18 AAC 75.380(d)(1) ADEC reserves the right to require additional site assessment, monitoring, remediation, and/or other necessary actions at this facility should new information become available that suggests any contamination at this site may pose a threat to human health or safety, or the environment.

ADEC will consider a Site Closure (and removal of institutional controls) only after the soil and/or groundwater achieves the established cleanup levels for the site.

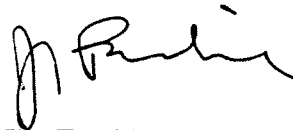
Any person who disagrees with this decision may request an adjudicatory hearing in accordance with 18 AAC 15.195 – 18 AAC 15.340 or an informal review by the Division Director in accordance with 18 AAC 15.185. Informal review requests must be delivered to the Division Director, P.O. Box 111800, 410 Willoughby Avenue, Suite 303, Juneau, Alaska 99811-1800, within 15 days of the decision. Adjudicatory hearing requests must be delivered to the Commissioner of the Department of Environmental Conservation, P.O. Box 111800, 410 Willoughby Avenue, Suite 303, Juneau, Alaska 99811-1800 Juneau, Alaska 99801, within 30 days of the decision. If a hearing is not requested within 30 days, the right to appeal is waived.

If you have any questions, please contact Shannon Oelkers at (907) 451-2104 or via e-mail at shannon_oelkers@dec.state.ak.us.

Sincerely,



Shannon Oelkers
Environmental Program Specialist



Jim Frechione
Environmental Program Manager