DEPT. OF ENVIRONMENTAL CONSERVATION

DIVISION OF SPILL PREVENTION AND RESPONSE
CONTAMINATED SITES PROGRAM

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May 10, 2006

Randy Johnson
Deputy Director
Department of Public Works
Fairbanks North Star Borough
809 Pioneer Road
Fairbanks, AK 99707

Re: Wescott Pool - Underground Storage Tank (UST)

Dear Mr. Johnson:

The Alaska Department of Environmental Conservation, Contaminated Sites Program (ADEC) reviewed the 1995 AGRA report titled *"UST Monitoring Well Project Quarterly Report."* Based on the information from this report and the administrative case file, ADEC has determined that soil and groundwater contamination remain at the site above the most stringent 18 AAC 75 cleanup levels but the nature and extent of the contamination do not pose an unacceptable risk to human health or the environment. This determination is subject to site specific conditions and, if complied with, will require no further remedial action at this time.

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

Site Background
The Wescott Pool is located adjacent to the North Pole Middle School at 306 East 8th Street, North Pole, Alaska. A 500-gallon gasoline underground storage tank (UST) was removed in 1991 and a 500-gallon diesel UST was removed (and replaced) in 1993. The tanks were located between a storage building and the school's hockey rink and both impacted soil and water were observed during the removal process.

Approximately 130 cubic yards of contaminated soil were excavated and transported off site for thermal treatment. Soil samples at the limits of the excavation (8 feet below ground surface) detected diesel range organics (DRO) up to 3400 mg/kg but gasoline range organics (GRO); benzene, toluene, ethylbenzene, and total xylenes (BTEX) were not detected above ADEC cleanup levels.

In 1992, two groundwater wells and a city fire well were sampled down gradient from the UST site and no contaminants were detected above ADEC cleanup levels. An onsite monitor well (MW-3)

was sampled in 1993 and no contaminants were detected above ADEC cleanup levels. However, MW-3 was sampled in November 1995 and benzene was detected at 0.02 mg/L which is above the ADEC cleanup level of 0.005 mg/L.

The Wescott Pool property is served by the community's public water system.

Exposure Pathway Evaluation
Exposure pathways evaluated at this site include incidental ingestion of soil and groundwater; and the inhalation of indoor and outdoor air. The contaminant levels detected on site are below the risk based concentrations established for soil ingestion and inhalation and there is no unacceptable risk posed to human health by these pathways. The groundwater ingestion pathway may be a risk if the groundwater was used for drinking water purposes. However, the site is served by community water and this groundwater ingestion pathway is not an issue.

The migration to groundwater pathway is complete but the corrective actions have removed the source material and the contamination remaining is expected to naturally attenuate over time. There is no evidence the contamination has migrated off-site.

Cleanup Levels
The soil 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 levels.

The groundwater cleanup levels established for this site are the 18 AAC 75.345 Table C levels.

ADEC Decision
Based on the information provided to date, ADEC has determined that the cleanup actions employed at the Wescott Pool have been effective in removing the majority of the contamination at the site. The contamination remaining beneath the former USTs does not pose a risk to human health or the environment provided site specific conditions and/or controls are attached to the property. As a result of this determination, ADEC will require no further remedial action subject to the following conditions:

1. A Notice of Environmental Contamination will be added to the ADEC Contaminated Sites Database identifying the nature and extent of contamination remaining on site.

2. In accordance with 18 AAC 78.274(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. The groundwater on site shall not be used for any purpose without the prior approval of ADEC.

In accordance with 18 AAC 78.276(f)(2) ADEC may require additional site assessment, monitoring, remediation, and/or other necessary actions at this facility should new information become available that indicates contamination at this site may pose a threat to human health or the environment.

Site closure (without conditions) can be achieved when soil and groundwater sampling confirm that soil on site meets the most stringent 18 AAC 75.341 Method Two, migration to groundwater, Under 40 Inch Zone, cleanup levels and groundwater achieves the 18 AAC 75.345 Table C levels.

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, 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 Uzzell at (907) 451-2104 or via e-mail at Shannon_Uzzell@dec.state.ak.us.

Sincerely,

Shannon Uzzell
Environmental Program Specialist

Jim Frechione
Environmental Program Manager