



Site Summary Update
January 2003

Alaska Department of Environmental Conservation
Division of Spill Prevention and Response

Hamilton's Place
Cooper Landing, Alaska

Current Status

Two additional monitoring wells were installed in 2002 to further delineate the groundwater contaminant plume. Soil and groundwater samples were collected and analyzed for petroleum hydrocarbon contaminants. Contaminants exceeding groundwater cleanup levels were detected in one of the two newly installed wells.

Groundwater quality is currently being monitored at the site through an array of five monitor wells. Two additional down gradient monitoring wells will be installed along the embankment above the Kenai River in April 2003. Groundwater monitoring will continue to determine whether the contaminant plume poses risks to the Kenai River.

Future Action

If the groundwater monitoring data indicates an expanding plume or increased risk of contaminant migration into the Kenai River, then cleanup action (including possible excavation of contaminated soils) from the vicinity of the former gasoline tanks may be warranted. The presence of underground utilities and piping for the UST system could limit the excavation of impacted soil.

Background

Hamilton's Place service station is located at Mile 48.5 of the Sterling Highway in Cooper Landing, Alaska. It is approximately 200 feet from the banks of the Kenai River. Petroleum hydrocarbon contamination was identified in the soil and groundwater at the site. The impact to groundwater continues to be assessed through groundwater monitoring and monitoring well installations. The potential for contamination migration to the Kenai River is a concern, and is still being investigated and evaluated.

As a result of the contaminant levels and proximity of the Kenai River, two additional monitoring wells were installed in 2002 to further delineate the groundwater contaminant plume. Soil and groundwater samples were collected and analyzed for petroleum hydrocarbon contaminants. Contaminants exceeding groundwater cleanup levels were detected in one of the two newly installed wells.

For more information:

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