



Division of Spill Prevention and Response Contaminated Sites Program

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ADOT&PF REGIONAL COMPLEX - JUNEAU


[View information from the database on this site.](#)
Database Name: ADOTPF - Regional Complex - Juneau

Status: Active

Location: 6860 Glacier Highway, Juneau

Latitude: 58.36

Longitude: -134.526667

DEC Contaminated Sites contact: [Bruce Wanstall](#), Project Manager, (907) 465-5210 (Juneau)

Contacts updated: July 24, 2014

PDF Version

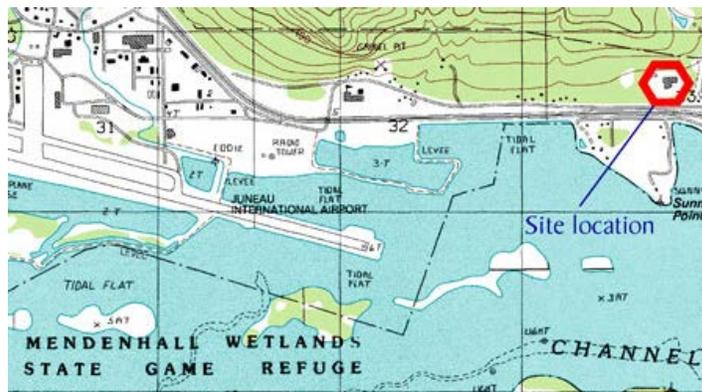
Summary updated: June 2005

[Click on photos or maps for larger versions.](#)

Description

The contaminated site is the base of operations for the Southeast Regional Office of the Alaska Department of Transportation & Public Facilities (ADOTPF). The facility operations include a large vehicle maintenance shop, a materials testing laboratory and two office buildings.

Contaminated soil was left in place where five underground storage tanks (USTs) were closed by removal in 2000. Multiple petroleum contaminants in unknown quantities have been released to subsurface soils at the former UST sites. The office buildings are located in the groundwater migration path of the contaminant sources. The 2003 environmental site assessment entailed the installation of 11 groundwater monitoring wells and the collection of soil, groundwater, and soil vapor samples. Based on the laboratory results, elevated target analyte concentrations were reported in the subsurface soil, water, and vapor samples.



Public Health and Environmental Concerns

Petroleum contamination will likely continue to dissolve into and migrate with groundwater; petroleum vapors will continue to migrate along soil vapor pathways. The elevated vapor concentrations have potential to impact ambient air in occupied buildings downgradient of the contamination sources. Consistent monitoring is essential and possible active treatment should be considered.

Current Status

Vapor badges were placed in six locations to screen for benzene in the ambient air of the office buildings in 2003; results were non-detect. Elevated concentrations of gasoline range hydrocarbons and benzene were detected in water samples from five of the monitoring wells and elevated concentrations of diesel range hydrocarbons were detected in seven of the wells located at former UST sites. Additional groundwater monitoring and field tests of ambient air in occupied buildings are planned. The temporary contaminated soil stockpile will be removed and remediated off-site as soon as possible.

More Information



Aerial photo of site



Just left and down from the center of the photo below is a monitoring well used to track migration of contamination in the ground water. Ground water flow is from right to left in this photo looking west; Marine Highway Safety Building is on the left.

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