

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION (ADEC)

Contaminated Sites, Spills, and Underground Storage Tanks (USTs):

A Phase I Environmental Site Assessment (ESA) was conducted by DOWL Engineering for the project area and will be incorporated into the environmental document. The ESA Phase I report for the airport was completed in February 2005.

A review of the Alaska Department of Environmental Conservation (ADEC) UST Database found no USTs in the Chalkyitsik area. The ADEC leaking underground storage tank (LUST) database indicates no sites occur in the Chalkyitsik area.

The ADEC Spills Database from December 23, 2004, reports two spills in the Chalkyitsik area (Table 1). No additional records were available regarding the 14-gallon diesel fuel spill, but it is assumed the spill was adequately cleaned up and would pose little risk to any subsurface work that may be planned for the airport.

Table 1: Spills Sites near the Chalkyitsik Airport

ADEC Spill #	Spill Date	Date Case Closed	Responsible Party	Location	Substance	Gallons Released	Cause
02309928901	10/6/2002	Transferred to CSITES	Yukon Flats School District	Chalkyitsik CDP, Chalkyitsik School	Diesel	732	Heating Tank Overfill
	8/14/1998	?	Northern Air Fuel/Chalkyitsik	Chalkyitsik CDP, Chalkyitsik School	Diesel	14	Valve Failure

A review of the ADEC contaminated sites database found one site listed for the Chalkyitsik area. That site is near the Chalkyitsik school and resulted from the spill in October 2002 reported in Table 1, above. That 732-gallon diesel spill was cleaned-up and the contaminated soil stockpiled. However, when DOWL Engineering reviewed this contaminated site during the Phase I assessment they found that "...During the site reconnaissance conducted August 4, 2004 the stockpiled soil reported in ADEC records was observed north of the [airport] apron. Polyethylene tarps inadequately covered the stockpiled soil leaving it exposed to the weather and increasing the risk of fuel-laden sediments being transported toward the airport. Several silt fences were observed on a short access road connecting the spill site with the apron, apparently in place to inhibit the passage of silt-laden runoff from the stockpile area. It is DOWL estimation that the location of the spill presents an increased level of environmental risk of encountering contamination during subsurface work on the north end of the apron."

Area Landfill

The City of Chalkyitsik currently operates an unpermitted Class 3 (village) landfill. No other landfills are in the project area.

Formerly Used Defense Sites (FUDS)

A search of the U.S. Army Corp of Engineers (USACE) FUDS website (<http://m1.crrel.usace.army.mil/fuds>) revealed no FUDS in the Chalkyitsik area.

Additional Information

In addition to identifying any concerns and/or issues your agency might have with the proposed project, the following information is requested:

1. The Alaska Department of Environmental Conservation (ADEC) Underground Storage Tank, Contaminated Sites, Spills, and Leaking Underground Storage Tanks databases have been searched and any findings are identified above. If you are aware of any other confirmed or suspected contaminated sites, spills, and any registered underground or aboveground fuel storage tanks that may affect or be affected by the proposed project, please provide that information.
2. Please identify any water quality concerns.
3. The ADEC Solid Waste Management website has been searched and the findings are provided above. Please provide information and/or data on existing (permitted or unpermitted) solid waste landfills, dumps, discharges, or sewage lagoons in the project area.
4. Please provide information and/or data on existing drinking water supplies in the project area.
5. Please identify any permits and/or clearances to be obtained from your agency for the proposed project.

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