

U.S. ARMY CORP OF ENGINEERS (USACE)

Flood Plain Management

Chalkyitsik does not participate in the National Flood Insurance Program, but some flood hazard information is available for the project area from the USACE flood hazard webpage (www.poa.usace.army.mil/en/cw/fld_haz/allakaket.htm). That information indicates that the last recorded flood event was in 1997 and that flood events in the area are primarily caused by ice jams. Significant flooding occurred in 1937, 1947 or 1948, and 1967. The 100-year flood level elevation is estimated at 110 ft, which is about 3 ft higher than that recorded for the 1967 flood event. The elevation datum is based on the Bench Mark #1, elevation 100.0 ft, of the NWS slope gage.

Navigable Waters

The USACE Navigable Waters web page (www.poa.usace.army.mil/reg/NavWat.htm) does not list the Black River as a navigable water. The Corps of Engineers defines navigable waters to include "...those waters that are subject to the ebb and flow of the tide and/or are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce." The webpage lists waterways considered navigable based upon results of navigability studies.

Wetlands

A wetlands survey of the project area was conducted in summer 2004 and a draft report was completed in December 2004 and submitted to ADOT&PF for review. The preliminary results of that survey (see [Figure 2](#)) indicate that wetlands of various types do occur in the project area. Wetlands, dominated by Sedge-Scrub Bob, accounted for 31% of the mapped area, with uplands, primarily white spruce and aspen forests, accounting for the remaining 69%. Although the Black River was not located within the study area mapped for wetlands, it is of high value because it provides anadromous fish habitat. Should any dredge/fill be required in wetlands for this project, the appropriate permits would be acquired before construction.

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. If you know of any information and/or data with respect to the base floodplains, regulatory floodways, and/or special flood hazard areas of drainages that may be affected by the proposed project please provide that information.
2. Are any navigable waters of the U.S. present in the project vicinity over which USACE has Section 10 authority other than those listed above?

3. Please identify any permits and/or clearances to be obtained from your agency for the proposed project.

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