

U.S. ARMY CORP OF ENGINEERS (USACE)

Flood Plain Management

Allakaket 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 1994 and that flood events in the area are primarily caused by rainfall. The 100-year flood level elevation is 499 ft at the upstream end of town and 497 ft at the downstream end of runway. The elevation datum is assumed, and is consistent with the 1991 ADOT&PF topographic map. An apparent 80 ft difference exists between this map and the USGS 1 63,360 Scale topographic map (Bettles C-6). National Weather Service datum can be obtained by subtracting 462.53 ft. The airport was constructed with a freeboard of 1 foot above the 100-year flood level, therefore, it is above the 100-year floodplain.

Navigable Waters

The USACE Navigable Waters web page (www.poa.usace.army.mil/reg/NavWat.htm) lists the Koyukuk River (544 miles) 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 Alatna River is not listed as navigable.

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 3) indicate that wetlands of various types do occur in the project area. Wetlands, dominated by Open Mixed Shrub Scrub, accounted for 78% of the mapped area, with uplands, primarily Open Tall Scrub and Open Broadleaf Forest, accounting for the remaining 22%. The Koyukuk River which is located within the study area mapped for wetlands, 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 Allakaket 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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