

APPENDIX A

Preliminary Research Results

Contaminated Sites, Spills and Underground Storage Tanks: A search of the Alaska Department of Environmental Conservation (ADEC) databases indicated presence of four contaminated sites in Selawik. These sites are:

1. Selawik Airport, Snow Removal Equipment Building (ADOT&PF): Approximately 6.5 cubic yards of soils contaminated with machine oil were discovered on the gravel floor of the SREB at the Selawik Airport during a Phase I evaluation. This site is listed as active.
2. Federal Scout Armory, Lot 31, Block 8, Tract A (AK Army National Guard): Petroleum contamination led to excavation of 50 cubic yards of soil, transferred out of the village. The site is still active.
3. Selawik IRA Fuel Project (Selawik IRA): A tank farm was noted to have experienced contamination from past leaks and releases. A prior spill (1984) was listed at 1,000 gallons, although some cleanup had occurred. This site is listed as inactive.
4. Selawik Tank Farm Gravel Pad (owner unknown): Historic discharges from the tank to the gravel pad had been noted, and this site was established in the database. This site is listed as inactive.

Based on the nature of the boardwalks project, all of these sites, with the exception of Airport site, may be within ¼ mile of the project. The contamination from these properties would not likely affect soils that may be excavated as part of this project. No further contaminated sites were identified.

Anadromous Fish Streams: Selawik River is listed as anadromous (Anadromous Stream # 331-00-10550) as per the ADF&G Anadromous Fish Stream Catalogue for the presence of sheefish (*Stenodus leucichthys*) and White fish (*Prosopium cylindraceum*). Some of the potential improvement corridors are adjacent to or near the river, however none of the proposed boardwalk improvements cross the river. No impacts are expected to this waterway.

Historical, Archeological and Cultural Properties: Review of the Alaska Heritage Resources Survey (AHRs) indicated several known historic properties in the vicinity of the project area, all of which are outside of the project footprint. Many sites in Selawik have been surveyed, including the material site. Based on informal discussions with the State Historic Preservation Office (SHPO) on July 18, 2005, ADOT&PF is not planning to conduct an archaeological survey at this time, however, formal consultation as required by Section 106 of the National Historic Preservation Act is being initiated with the SHPO and with tribal parties.

Coastal Zone Management: Selawik (Map #28) falls within the Alaska Coastal Zone Boundary, and is within the Northwest Arctic Borough Coastal District. A Coastal Zone review will be required for this project to ensure consistency with statewide and district enforceable policies.

Navigability, Floodplain Management, and Wetlands: This project would not affect any navigable waterways.

Selawik does not participate in the National Flood Insurance program, therefore, no floodplain maps could be obtained for this location. The USACE Floodplain Management database indicates that spring breakup had been an annual problem for Selawik until a channel from the river to Selawik Lake was cut above the town. There has been no flooding since. The Selawik floodplain is extremely broad so that a large increase in flood flow would result in a nominal increase in flood height. The estimated 100-year flood level is 94 ft and the recommended building elevation is 95 ft.

Based on a field review of the project area on July 6, 2005, most of the project area is composed of wetlands under USACE jurisdiction. Consultation with the USACE will be initiated and a Section 404/10 permit will be obtained prior to any work in the wetlands.

Threatened and Endangered Species: There are no threatened or endangered species within the proposed project vicinity.

Essential Fish Habitat: There will be no impacts on anadromous fish streams therefore essential fish habitat consultation is not required.

National Wildlife Refuges: Selawik is surrounded by the Selawik National Wildlife Refuge (NWR). The U.S. Fish and Wildlife Service will be consulted regarding this project, however no impacts to the NWR are anticipated.

National Parks, Preserves, Monuments and Wild Scenic Rivers: Selawik is not located within any National Parks, Preserves, or Monuments, however, Selawik River, which runs through the town, was designated on December 2, 1980 as a Wild and Scenic River by the USF&WS for its entire length. Some of the proposed boardwalk improvements may be adjacent to the waterway, however they would remain above ordinary high water.

State Refuges, Critical Habitat Areas and Sanctuaries: The proposed project is not located with a State Refuge, Critical Habitat or a Sanctuary.

State Land Use Plans, State Parks, and Federal Recreational Areas: There are no State Land Use Plans, State Parks, or Federal Recreational Areas that would be impacted by the proposed project.

Material Sites / Disposal Sites / Haul Routes: The material site for most of this project has been identified as an existing material site adjacent to the 'Spud Farm', which lies 13 miles upriver from the town of Selawik. Material would be barged from this site to the barge landing north of the project area, then transported on the haul road. Any expansion of the material site would require consultation with SHPO to determine whether an additional archaeological survey would be necessary.