

APPENDIX A

Preliminary Research Results

- Contaminated Sites, Spills and Underground Storage Tanks: A search of the Alaska Department of Environmental Coordination databases found two sites. A Phase 1 Environmental Site Assessment will be conducted as part of the environmental documentation for this project.
 - AKARNG Stebbins FSA, located on Unnamed Road. The database indicates that 50 cubic yards of petroleum-contaminated soil will be extracted. The site is active.
 - Stebbins Landfill Drums, located $\frac{3}{4}$ mile from the coastline. The database indicates that ADEC received a report of twenty 55-gallon drums that were approximately 100 feet from the Stebbins landfill. The drums were in poor condition and contained varying amounts of waste oil. Staining was observed around the drums, however vegetation was observed growing in the stained area. As of October 30, 2003 the database indicates the drums remain at the site and no cleanup occurred. The site is inactive.
- Historical, Archeological and Cultural Properties: The *Alaska Heritage Resources Survey*, reviewed indicates there are four historic properties in the vicinity of the project area. The following sites are known sites located in the AHRS database:
 - Atrivik (SMI-00017): One of the largest and earliest prehistorical villages on St. Michael Island. It was one of two villages on that existed at the time of European contact. It has potential to yield significant information on the prehistory of the area. The site is located on the south coast of the Norton Sound, near the northwest tip of Saint Michael Island, and immediately at the north fringe of the Village of Stebbins.
 - North Lake House Pits (SMI-00050): This site includes a series of depressions, which are considered subterranean houses. This site is located near the north end of a small lake approximately 200 meters to the east of Stebbins Village on Saint Michael Island.
 - Southwest Lake House Pits (SMI-00051): This site includes a series of four small circular depressions, which are considered to be subterranean houses. The depressions are rather shallow and measure about 2.5 meters diameter. The site is located near the southwest corner of a small lake about 200 meters east of the Village of Stebbins on Saint Michael Island.
 - Southeast Lake House Pits (SMI-00052): This site includes a series of six or eight depressions and is located near the southeast corner of a small lake approximately 200 meters east of the Village of Stebbins on Saint Michael Island.
- Coastal Zone Management: A review of the *Coastal Zone Boundaries* atlas found that portions of the project area are within the Bering Straits CRSA Coastal District. A Coastal Project Questionnaire and Certification Statement will be filed with the Alaska Department of Natural Resources, Office of Permitting and Project Management for this project.

- Navigability, Flood Plain Management, and Wetlands: The U.S. Army Corps of Engineers (COE) Navigable Waters web page indicates there are no navigable waters in the vicinity of the project area.

The COE Community Flood Hazard Data indicates that the 100-year flood elevation is 20 feet.

DOWL Engineers conducted a wetland delineation of the airport property in September 2004 and determined wetlands are located in the project area.

- Threatened and Endangered Species: There are no threatened or endangered species within the proposed project vicinity. There are however Peregrine Falcon nests approximately 7 miles from the airport. Peregrine Falcons were delisted from the Endangered, Threatened and Candidate Species in Alaska list on August 25, 1999, but are still protected under the Migratory Bird Treaty Act of 1918. Peregrine Falcons' nesting season is April 1st to July 31st therefore clearing or work within ¼ mile of the nests is not recommended.
- Anadromous Fish Streams: No anadromous fish streams will be impacted; Stebbins is divided into an Island by the St. Michael and Little St. Michael Canal (Anadromous Stream # 333-70-10820 and 333-70-10820-2011), however both streams are outside the project area.
- Essential Fish Habitat: No anadromous fish will be impacted by this project and therefore neither will essential fish habitat.
- National Wildlife Refuges: The U.S. Fish and Wildlife Service web site has been visited to determine if National Wildlife Refuges exist in the Stebbins project area. Stebbins is not located within a National Wildlife Refuge, however it is adjacent to the Yukon Delta National Wildlife Refuge.
- National Parks, Preserves, Monuments and Wild and Scenic Rivers: The National Park Service web site has been visited to determine if any National Parks, Preserves, Monuments or Wild and Scenic Rivers exist in the Stebbins project area. The site indicates there are none.
- State Refuges, Critical Habitat Areas and Sanctuaries: A review of the Alaska Department of Fish and Game (ADF&G) publication *State of Alaska Refuges, Critical Habitat Areas, and Sanctuaries* found that the project is not located within a refuge, critical habitat area or sanctuary.
- State Land Use Plans, State Parks: There is not an ADNR Land Use Plan for the project Area.