



Alaska Department of Environmental Conservation (ADEC) Solid Waste Program (Kym Bronson and Kit Persson) conducted a Coastal Impact Assistance Program (CIAP), Waste Erosion Assessment and Review (WEAR) site visit for Holy Cross on September 12th, 2013. John with City Maintenance, participated in the site visit. The following narrative is a brief description of our findings during the September inspection.

WEAR Sites

- **Landfill, 62.190421/-159.793809 (Active)** –This unpermitted landfill is self-haul with unrestricted access and has been in operation since around 1985. A fence, surrounding the approximately 1.8 acre site, was being installed during our site visit although access is still expected to remain unrestricted. The site has two functioning Tok burn units with unburned, unseparated waste piled in front of the units. The rest of the waste had recently been compacted and spread out, some areas appeared to have been covered. There were many animal carcasses strewn throughout the site, not buried or limed. To the immediate east of the site is a wetlands area that is used as a storage site for junk vehicles, 55 gallon drums, gas containers, and scrap metal. Recently all the junk vehicles were backhauled. This site is 4,100 feet west of a water off-shoot of Walker Slough and 6,000 feet from Walker Slough from the Yukon River.



- **AVEC Tank Farm, 62.196727/-159.771479 (Active)** –There are ten BIA-style diesel tanks that have a total maximum capacity of 76,591 gallons. The tanks are on wooden pallets in a lined containment berm. The site is completely fenced and is located 300 feet west of an off-shoot of Walker Slough and 1,850 from the edge of Walker Slough.



- **Ghost Creek Drum Site, 62.210414/-159.784401 (Abandoned)** –This dump site is an informational Contaminated Site (File ID 2417.57.001) was created by the late James Walker, and contains approximately 300 abandoned surplus military drums, a 5,000 gallon above ground storage tank, and the barge from his shipping business. The barge is on the bank below the drums and we could not access it for pictures. The land is now owned by Mr. Walker’s heirs. In 2008 samples were taken from the site and no contamination was determined. The majority of the drums are reported to be empty per the Contaminated Sites database. It is being assessed as a brownfield site by the Yukon River Inter-Tribal Watershed Council. The site is 100 feet from the mouth of Ghost Creek as it empties into Walker Slough.



- **School Tank Farm, 62.200978/-159.769676 (Active)** –This site consists of two larger red tanks behind the school shop and two small green tanks located directly north of the basketball court. Both sets of tanks are owned by the school, and are in completely fenced, lined areas. The sites are only 100 feet apart. The community was in the process of cleaning up a fuel leak by the school shop from the tanks' lines. They were working with the ADEC Prevention and Emergency Response Program on this cleanup. They are located approximately 1,080 feet from the Walker Slough.



- **Holy Cross Oil Co, 62.195727/-159.769455 (Active)** – This tank farm is directly east of the sewage lagoon on the south end of the community. This site is part of active Contaminated Site (File ID 2417.38.002) due a 1991 gasoline spill which was only partially cleaned up. It contains two large red diesel tanks and three smaller grey gasoline tanks within two separate raised, lined, earthen berms. Vegetation was growing on both liner systems. These sites are adjacent to each other and are completely fenced. Six small red fuel tanks outside the fenced area appear not to be in use. The tank farm is located approximately 70 feet west of an off-shoot of Walker Slough and 1,550 feet from the edge of Walker Slough.



- **Waste Storage, 62.195754/-159.774044 (Active)** – This site is located across the street from the city shop, which uses the area as bulky waste storage, although it appears waste has also been dumped there by multiple parties. It contains roughly twenty 55-gallon drums of used oil, antifreeze, and other unidentified chemical substances. There was no apparent staining or stressed vegetation found. There are also refrigerators, old tractors, expired fire extinguishers, street lights, and scrap metal. The site is located approximately 690 feet west of an off-shoot of Walker Slough and 2,100 feet from the edge of Walker Slough.



- **City Railroad Tanks, 62.196814/-159.77115 (Active)** – This site contains 4 tanks that are owned by the City of Holy Cross and have reportedly been in use since 1969. Two of the tanks are Army surplus steel, railroad tanks each with 7,042 gallon capacity, while the other two tanks are smaller, unmarked horizontal tanks which were disconnected and not in use. The tanks are located in an unlined containment berm, immediately adjacent to the AVEC tank farm. It is located approximately 300 west of a water off-shoot of Walker Slough and 1,850 from the edge of Walker Slough.

