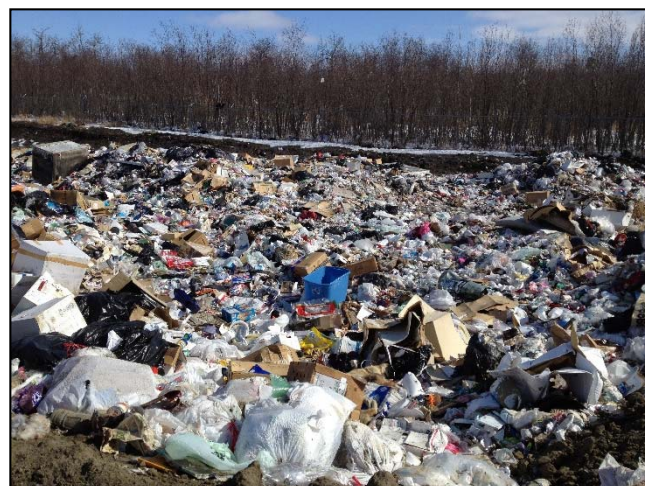




Alaska Department of Environmental Conservation (ADEC) Solid Waste Program (Doug Huntman and Rebecca Colvin) conducted a Coastal Impact Assistance Program (CIAP), Waste Erosion Assessment and Review (WEAR) site visit for Akiak on May 6th, 2013. Ivan Ivan, City Administrator, participated on the site visit. The following narrative is a brief description of our findings during the May inspection.

WEAR Sites

- **Landfill, 60.910003/-161.231700 (Active)** – This unpermitted site is a self-haul landfill and is approximately 2.7 acres in size. The site is fully fenced; however, there is no gate at the entrance and some fencing is broken. Waste was spread throughout half of the landfill and some waste had been disposed of in a large pond on the site. The landfill is managed on an “as needed” basis by the City and the Native Community. There is no designated landfill operator and no items are prohibited from disposal at the landfill. The landfill accepts; municipal, construction & demolition, and special wastes. Houses have been built along the road to the landfill with the closest home only 210 feet away. The landfill is approximately 2,970 feet from the Kuskokwim River. The US Army Corps of Engineers 2009 study Alaska Baseline Erosion Assessment (BEA) lists an estimated erosion rate of 4.1 feet per year for this area of the river.



- **AKARNG FSA, 60.912128/-161.217485 (Active)** – The Akiak Alaska Army National Guard Armory site is listed in the ADEC Contaminated Sites database (File ID 2402.38.002) due to petroleum contamination from fuel spills prior to 1991. Per the *Akiak Federal Scout Readiness Center, Data Gap Investigation Report, January 2013*, groundwater has been impacted by contamination from this site. This site is easily accessible to the public and wildlife as it is along a road and is not fenced. Members of the community stated it is a site of concern for them as it is a known contaminated area. It is approximately 300 feet from the Kuskokwim River, which the BEA lists as eroding at 4.1 feet per year.



- **Elementary School Former Tank Farm, 60.910444/-161.217250 (Active)** – The tank farm is listed as a contaminated site in the ADEC Contaminated Sites database (File ID 2402.38.001) due to petroleum contamination. It contains two vertical, single wall, BIA-style tanks with a capacity of 8,000 gallons that are still in use. They are supported by wooden timbers within a lined, earthen berm. The liner was torn with vegetation growing in it. The site was fully fenced, but not locked. It is approximately 270 feet from the Kuskokwim River, which the BEA lists as eroding at 4.1 feet per year.



- **High School Former Tank Farm, 60.909628/-161.218943 (Active)** – The former tank farm is listed as a contaminated site in the ADEC Contaminated Sites database (File ID 2402.38.003). It consists of seven vertical, single wall, BIA-style tanks with capacity varying from 5,000-9,750 gallons. At the time of the site visit, two of the seven tanks had fallen over. A fence had recently been installed with a locking gate making the site was inaccessible to the public. The tanks are within an earthen berm with vegetation growing within it and was also full of melting snow. The site is approximately 555 feet from the Kuskokwim River, which the BEA lists as eroding at 4.1 feet per year.



- **Kokarmiut Corporation Tank Farm, 60.913897/-161.215962 (Eroded)** – The tank farm is listed as a contaminated site in the ADEC Contaminated Sites database (File ID 2402.38.004). It contained two vertical fuel tanks and was in operation until 1999 when the new consolidated tank farm was completed. The site was 30 feet from the Kuskokwim River in 1999. The tanks were removed from the site in 2009 as the river had eroded to only 20 feet away. The site completely eroded into the river during an October 2012 storm. During the 2013 visit, it was noted that the riverbank had eroded an additional 50 feet from the location of this tank farm.



- **Old City Tank Farm and Power Plant, 60.913428/-161.22074 (Active)** – The two sites are owned by the City of Akiak and listed as a contaminated site in the ADEC Contaminated Sites database (File ID 2402.38.005). The tank farm consists of two 24,000 gallon, single wall, vertical fuel tanks that were in operation until around 1999. There was a fuel spill of 250 gallons on 7/10/1999 at the tank farm. It supplied fuel to the old power plant which is 145 feet west. As of the site visit, the tanks had fallen down. It was noted that the old power plant was unlocked and easily accessible to the public. There were more than 30 5-gallon buckets of used oil, transformers, and equipment in and around the building. The floor was stained with petroleum and there was a strong odor of petroleum. The old power plant building is approximately 780 feet from the Kuskokwim River, which the BEA lists as eroding at 4.1 feet per year.

