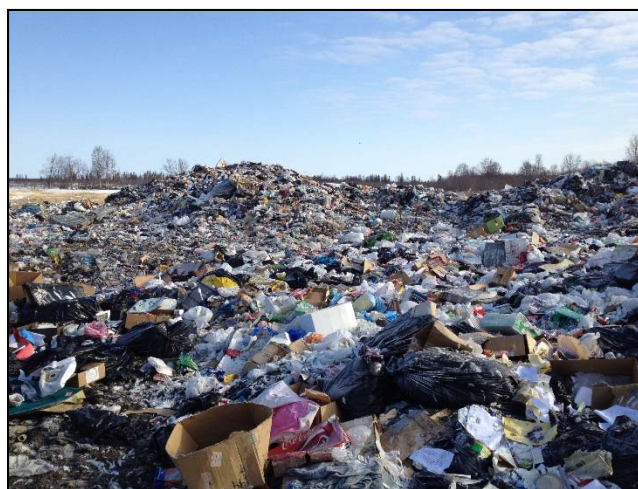




Alaska Department of Environmental Conservation (ADEC) Solid Waste Program (Doug Huntman and Rebecca Colvin) conducted a Coastal Impact Assistance Program (CIAP), Waste Erosion Assessment and Review (WEAR) site visit for Akiachak on May 8<sup>th</sup>, 2013. The IGAP Coordinator participated on the site visit. The following narrative is a brief description of our findings during the May inspection.

### WEAR Sites

- **Landfill, 60.915733/-161.440198 (Active)** – This one acre unfenced landfill has waste spread throughout the site and litter along both sides of the landfill road. Small piles of cover material were staged at the site in preparation for summer 2013 landfill operations. The landfill has two functioning burn units onsite; these units however are only used during the summer months due to prevailing winds in the winter that blows smoke towards the community. Trash collection trailers are staged throughout the Village, and hauled to the landfill by sanitation workers when full. Some residents also self-haul trash to the landfill. The landfill is located ¼ mile north of the community and is 500 feet west of the cemetery. Due to the close location of the landfill and the wind direction in the winter, residents reported they could smell the landfill. It is located 2,550 feet from the Kuskokwim River.





- **Tank Farm, 60.91138/-161.456936 (Active)** – This consolidated tank farm, located on the west side of the village, was completed in 2005 through the Denali Commission. It was constructed on a pile foundation approximately 5 feet above the normal grade at the site to keep the tank farm above potential flood elevations. It contains 11 vertical and one horizontal fuel tanks with a total capacity of 605,000 gallons. It is approximately 240 feet from the Kuskokwim River. Despite erosion mitigation measures of Geotextile fabric placed along the river bank, residents report the shoreline continues to erode at 10 feet per year.



- **Old Elementary School Tank Farm, 60.909634/-161.437013 (Abandoned)** – This decommissioned tank farm is centrally located in the village. The site has a perimeter fence and secondary containment. The decommissioned tanks were used to store heating fuel and gasoline for the elementary school. A total of 14 vertical, single wall tanks sit on sturdy wooden piling within a fenced area. All tanks were marked 'Permanently Closed 8-24-2006' and were reported to be empty. The site is 223 feet from the Kuskokwim River.



- **Water Plant Old Tank Farm, 60.911207/-161.441029 (Abandoned)** – This decommissioned tank farm is located on the north side of town and consists of three vertical single wall tanks. These tanks were used to store heating fuel for the water plant. There was no visible secondary containment and no perimeter fence. Tanks were disconnected, empty and inspection holes cut into the sides of each tank. All tanks were marked 'Permanently Closed 9-2-2006'. This site is located approximately 1,851 feet from the Kuskokwim River.



- **Old Power Plant Tank Farm, 60.910734/-161.440169 (Abandoned)** – This decommissioned tank farm is centrally located in town by the old power plant. The site consists of two vertical single wall tanks and one horizontal single wall tank used to store bulk heating fuel. The tanks have been out of service since the construction of the consolidated tank farm in 2005. The site is located approximately 700 feet from the Kuskokwim River.

