



Alaska Department of Environmental Conservation (ADEC) Solid Waste Program (Trisha Bower and Kym Bronson) conducted a Coastal Impact Assistance Program (CIAP), Waste Erosion Assessment and Review (WEAR) site visit for the Village of Nuiqsut, August 19th, 2013. Tom Nicolos, the North Slope Borough Airports and Landfills Manager, helped coordinate our visit. The following narrative is a brief description of our findings during the August inspection.

**WEAR Sites**

- **Landfill, 70.226421/-151.056011 (Active)** — The permitted landfill is operated by the North Slope Borough Public Works Department. It is fully fenced and operated as an above-ground trench and fill landfill with a functioning burn unit. The North Slope Borough allows only municipal waste and construction and demolition waste from Nuiqsut residents to be placed in the landfill without prior approval. Waste from special projects may be allowed if the project submits an application to the North Slope Borough, and it is approved. ADEC approval is required in the North Slope Borough application process for polluted soil and other special wastes. There is currently a small amount of soil being land farmed at the landfill for remediation. This facility is located approximately 5100 feet from the Nechelik Channel of the Colville River Delta.



- **Pingo Beach Landfill, 70.088333/-151.030155 (Abandoned)** – This site is located approximately 9 air miles south of Nuiqsut. This site was visited by the Solid Waste Program, the Contaminated Sites Program and the Army Corps of Engineers in response to public complaints that possible military debris was eroding out of this landfill. There was minimal documentation on this site. It was unknown if it was military in origin, if it had already eroded away, or if it was in the beginning stages of eroding. The site visit was inconclusive as there wasn't any waste observed that could be directly tied to the site and identified as military waste. This site will be monitored, and the community members agreed to notify all of the above participants if additional material is found in the future after a storm or break-up event. This site is located 5-10 feet from the Colville River.



- **Power Plant, 70.220340/-150.994868 (Active)** – This is a known Contaminated Site (File ID 370.38.001) with the North Slope Borough as the Responsible Party. In July 2012 during excavation activities to install underground diesel fuel piping between the North Slope Borough power plant and washeteria, petroleum-contaminated soil was discovered. Field testing was conducted in 2012 and 2013, and further work was recommended to determine the extent of contamination. The Nechelik Channel of the Colville River Delta is 510 feet directly east of this site.



- **Tank Farm, 70.220382/-150.996380 (Active)** – This is a tank farm that runs the adjacent Nuiqsut Power Plant and other North Slope Borough facilities. There are four vertical fuel tanks at the facility within a locked, fenced area. This site is located approximately 620 feet from the Nechelik Channel of the Colville River Delta.



- **NSB Tank Farm, 70.213686/-150.998848 (Active)** – This is a tank farm located near the runway apron and is owned and operated by the North Slope Borough. It is regulated by the DEC Terminals and Tank Farms Section. There were multiple vertical and horizontal tanks at the facility that have a total capacity of 488,124 gallons. The site is raised above grade within a fenced and locked area. It is located approximately 1670 feet from the Nechelik Channel of the Colville River Delta.

