



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 Wainwright, August 23rd, 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, 70.664844/-159.967163 (Active)** — This permitted landfill is fully fenced and is operated by the North Slope Borough Public Works Department. The North Slope Borough allows only municipal waste from Wainwright residents to be placed in the landfill. Any other entity must receive prior approval to dispose of waste in the Wainwright Landfill. 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 adjacent to the landfill for use as future cover material. Two functioning Tok burn units are available onsite, but they are not in use. The North Slope Borough plans to relocate these units if Wainwright does not utilize them. This facility is located approximately 600 feet from the Chukchi Sea.



- **Dumpsters of Polluted Soil, 70.659002/-159.97201 (Abandoned)** – There were multiple dumpsters filled with polluted soil, near an old sewage lagoon. The origins of the soil are unknown, it is a common practice to place polluted soil in dumpsters in the North Slope Borough. This is not condoned by the North Slope Borough as it leads to a shortage of dumpsters. The North Slope Borough prefers that any spills that occur be reported so that they can be addressed correctly. There were also 55 gallon drums stored next to the drums. There was not a plan for remediation of the soil at the time of the inspection. This site was located approximately 1850 feet from the Chukchi Sea.



- **Old BIA Tank Farm and Day Tank, 70.640127/-160.031888 (Active)** – This former tank farm is an active Contaminated Site (File ID 360.38.004) due to gasoline and diesel fuel contamination from multiple historic spills. The site is under the name *NSB Wainwright Old BIA Tank Farm and Day Tank*. The tank farm's 10 – 8,000 gallon tanks were removed in 1993, and the old BIA school was demolished in 2012. A current Site Assessment was completed for the site in 2013. The Contaminated Site Program is working with the North Slope Borough to characterize and remediate the site. There is an ongoing erosion mitigation project occurring in Wainwright that includes an engineered riprap beach. This is a North Slope Borough Project and will continue as long as funding is available. The full extent of this project is unknown. This site is approximately 300 feet from the Chukchi Sea.



- **Wainwright Alak School Former Tank Farm, 70.635500/-160.036500 (Active)** – This site is a known Contaminated Site (File ID 360.38.003). This site was originally an old BIA tank farm that was contaminated with diesel fuel from multiple incidents over the years. The tanks were removed in 1992, and 700 cubic yards of polluted soil were removed from the site in 2003. Corrective action is actively ongoing at this site. The school now operates a single tank in a secured area. This site is located approximately 780 feet from the Chukchi Sea.



- **Tank Farm, 70.640089/-160.010232 (Active)** – There is an active community tank farm in a locked, secure area. It was built around 1994 and is located between the community and the runway. It is operated by the North Slope Borough and is regulated by the DEC Terminals and Tank Farms Program. It contains 5 diesel tanks with a total capacity of 1,402,464 gallons and 1 gasoline tank with a total capacity of 177,702 gallons. This site is approximately 2400 feet from the Chukchi Sea.



- **Olgoonik Corporation Tank Farm, 70.643222/-160.025058 (Active)** - This is a known contaminated site (File ID360.38.001) under the name *NSB Wainwright Tank Farm*. This 3 acre site was never fully characterized, so the extent of contamination is unknown. The Contaminated Sites Program did find evidence of chronic spills and leakage in June of 1991. The original tanks were demolished in 1992 and 1995, and new tanks were installed at an unknown time. This site was originally owned by the North Slope Borough, but it has been sold to the Olgoonik Corporation. Since the land transfer, new buildings have been constructed on this site. It is located approximately 250 feet from the Chukchi Sea.

