

CIAP WEAR Trip Report
Selawik (population 872)
July 8th, 2014



Alaska Department of Environmental Conservation (ADEC) Solid Waste Program (Sandra Woods and Sarah Durand) conducted a Coastal Impact Assistance Program (CIAP), Waste Erosion Assessment and Review (WEAR) site visit for Selawik on July 8th, 2014. The following narrative is a brief description of our findings during the July inspection.

WEAR Sites

- **AKARNG Armory, 66.602195/-160.003433 (Closed)** – This site consists of two Alaska Army National Guard (AKARNG) buildings located next to each other. One building is green and the other one is tan. There are three 1,500 gallon diesel tanks connected to the buildings. The site is a Contaminated Site (File ID 500.38.002) dating back to 1996 due to petroleum contamination. During the cleanup process, 578 tons of polluted soil were removed and treated outside the community. It was reclassified as 'Cleanup Complete' in 2008. The buildings are located in the center of Middle Island, 335 feet from the western fork of the Selawik River and 486 feet from the eastern fork of the Selawik River.



- **Landfill, 66.602555/-160.030733 (Active)** — The Selawik landfill is a partially fenced area fill landfill that is unpermitted. It is managed on an emergency only basis by the City of Selawik. It is not accessible in the summer because the boardwalk is covered with solid waste, burned areas, and is unsafe to use. The landfill is surrounded on all sides by saturated tundra that is only passible in the winter when the ground is frozen. The community's waste is spread out over approximately 18 acres of tundra. There is no landfill operator and no community collection program. All of the community's waste is brought to the landfill by self-haulers who dump their waste alongside a road that was built to serve a new undeveloped landfill site. Solid waste is lit and burned where it is dumped by the waste generators. There are two Tok burn units at the site; however they are both broken and unusable. There is minimal waste separation and diversion and limited recycling and backhaul in Selawik. It is 2,600 feet from the Selawik River.



- **Consolidated Tank Farm, 66.606778/-160.016085 (Active)** – This consolidated tank farm was completed in 2003 through a Denali Commission project and is adjacent to the power plant on the north end of the community. It houses tanks for AVEC, City of Selawik, Northwest Arctic Borough School District and Northwest Inupiat Housing Authority. Each participant has ownership and operation of its own facilities. The total capacity of the tank farm is 526,000 gallons of diesel and gasoline in 12 tanks. It is built on an elevated steel platform on steel pilings and fenced on all sides with chain link fencing. The Selawik River is 775 feet to the northeast of the tank farm. There are no signs of erosion at this site.



- **IRA Tank Farm, 66.600627/-160.003199 (Active)** – This tank farm contains six horizontal gasoline tanks and four vertical diesel tanks. It is owned and operated by the IRA Fuel Project. It was built in 1997 and is located on Middle Island. The tanks are supported on a steel platform on an elevated steel piling foundation with a cyclone fence that has a locked gate. There are eleven 55 gallon drums with unknown contents stored in and around a shed next to the tank farm. This tank farm serves as a fueling station for the community. The total capacity of the tank farm is 258,000 gallons. The tanks are 372 feet from the Selawik River and 163 feet from the lake located in the center of Middle Island.



- **School Tanks, 66.604760/-160.010993 (Active)** – These two tanks are located on the east side of the school across the boardwalk from each other. These two intermediate tanks provide diesel fuel to power the generator for the school. Both tanks are owned and operated by Northwest Arctic Borough School District. The white, double-walled horizontal tank holds 6,000 gallons and is fully fenced and inaccessible to the public. The grey tank is 10 feet from a staircase into the school and is easily accessible to the public as it is unfenced. There is standing water with an oily sheen in between the tanks. This site is 500 feet from the western fork of the Selawik River.

