



Alaska Department of Environmental Conservation (ADEC) Solid Waste Program (Sandra Woods and Trisha Bowers) conducted a Coastal Impact Assistance Program (CIAP), Waste Erosion Assessment and Review (WEAR) site visit for Ambler on September 18, 2013. Wilbur Esenituk, the Mayor of the community participated in the landfill site visit. The following narrative is a brief description of our findings during the September inspection.

### WEAR Sites

- **Landfill, 67.092693/-157.927884 (Active)** – The Ambler landfill is an unfenced, area fill landfill that is estimated to have been in operation for over 40 years. There is currently no landfill operator and the majority of the community’s waste is brought to the landfill by self-haulers. Problems with the site include: waste spread throughout the 3 acre site and uncontrolled burning on the ground. There is almost no waste separation or waste diversion and no backhauling of recyclables from Ambler. It is located approximately 2.5 miles from the community and 1.79 miles from the Kobuk River in an elevated area.



- **AVEC Tank Farm, 67.087652/-157.856953 (Active)** – This tank farm includes 12 vertical single-walled tanks with a total capacity of 101,275 gallons. The tanks have been in this location since 1977. They are bermed and protected by sand bags surrounding the fully fenced perimeter. Diesel from this site is piped to the community power plant. This site is 760 feet northeast of Kobuk River and 4,726 feet from the airstrip. The nearest source of erosion is the Kobuk River. The site is generally flat and the soil was sandy with gravel.



- **Ivisaappaat Tank Farm, 67.086587/-157.860334 (Active)** – This tank farm is owned and operated by Ivisaappaat Fuel Services. It has four horizontal fuel tanks and 3 vertical fuel tanks containing fuel oil. It is surrounded by berms and the tanks are in standing water indicating a liner system. There was evidence of fuel spills near the fuel header. It was constructed around the 1980s per imagery review. This site is located 871 feet from the Kobuk River, which is the nearest source of erosion.



- **City Tanks, 67.086697/-157.859468 (Active)** – This site is located one mile south of the airport and is adjacent to the Ivisaappaat Fuel Services tank farm. The site includes one white steel tank and two orange steel tanks that are used by the City of Ambler. The contents of the tanks are unknown. The nearest source of erosion is the Kobuk River 865 feet away to the southeast.



- **School Tank Farm, 67.086212/-157.859576 (Active)** – The tanks are owned by Northwest Arctic Borough School District and have been in place since 2004. It is located 77 feet from the Ambler School and 692 feet from the Kobuk River. There are three 10,000 gallon tanks and a 1,500 gallon tank. The tanks supply fuel oil to the school and the teacher housing unit. There are several 55 gallon drums of unknown substances by the tanks. This tank farm area is fenced but not lined and is located next to the community water tank. The soil around the site is fine sands with gravel.

