

CIAP WEAR Trip Report
Kotlik (population 628)
July 11, 2012



Alaska Department of Environmental Conservation (ADEC) Solid Waste Program and Contaminated Sites Program (Doug Huntman and Grant Lidren) conducted a Coastal Impact Assistance Program (CIAP), Waste Erosion Assessment and Review (WEAR) site evaluation in the Village of Kotlik on July 11th, 2012. Lori Mike, City Manager for Kotlik, and Daniel Waska, also with the City of Kotlik participated in the visit. The following narrative is a brief description of our findings during the July inspection

WEAR Sites

- **Landfill, 63.038045/-163.575294 (Active)** – The landfill is a self-haul landfill located upstream and across the river from the village. It is accessible only by boat in the summer and snow machine in the winter. The landfill is inaccessible during times of break-up and freeze-up. The site has two part-time operators. The site is approximately 4.5 acres with waste spread out throughout the site. An excavator is driven across the river each winter for landfill maintenance and trash consolidation. The site was organized but, it was not covered. The operators do a good job at the site, but self-haul customers often open-burn their waste. The site is 15 feet from the Kvichavuk Pass which flows into the Yukon River. The area between the landfill and river is eroding. The waste has to be pushed back several times a year to prevent waste from washing away. The site floods in the spring and fall. The US Army Corps of Engineers 2009 study Alaska Baseline Erosion Assessment lists an estimated erosion rate of 3 feet per year.



- **Yupik Corporation Former Bulk Fuel Tank Farm, 63.036795/-163.528904 (Active)** – This former tank farm is located adjacent of the new consolidated tank farm. The six fuel tanks from this site have been removed, but contaminated soil from tanks remains on site. This is a known Contaminated Site (File ID 2423.38.006) with Active status. This site is approximately 250 feet from the Kotlik River bank.



- **Old AC Store and Tanks, 63.034394/-163.542466 (Closed)** – This is the site of a diesel fuel spill in 1994 from the store's day tanks, which were still operational at that time. The contamination from the spill was declared 'Cleanup Complete' under Contaminated Site (File ID 2423.38.003) in 2012. As of the site visit, the tanks have been removed, but the building still remains. Large portions of earth have eroded right next to the building. It is less than 10 feet from the Kotlik River.



- **Kotlik Electric Former Tank Farm, 63.032236/-163.552541 (Active)** – This former tank farm is a known Contaminated Site (File ID 2423.38.002). It was the site of an approximately 7,000 gallon diesel fuel spill in 1993 with an estimated 1,000 gallons remaining after the initial cleanup. The tanks at this site have been removed and work is ongoing. The site is 445 feet from the Kotlik River.



- **Lower Yukon School District Former Tank Farm, 63.033025/-163.556020 (Active)** – This former tank farm is a known Contaminated Site (File ID 2423.38.005) with the status of Active. There were six 8,000 gallon fuel tanks on this site that were removed between 2001-2006; however the liner and old wood boards remained at the site as of the 2012 visit. Sheen was also noted on the surface water to the south of the property along some creosote logs. The site, which has silty soil, is located in the middle of town approximately 50 feet from the actively eroding Kotlik River riverbank.



- **AKARNG Kotlik FSA, 63.032806/-163.556455 (Active)** – This Alaska Army National Guard site is a known Contaminated Site (File ID 2423.38.001) with Active status. It has petroleum contaminated soil dating back to 1997. There were 11 cubic yards of contaminated soil removed and treated off site in 2007. Some contaminated soil remains at the site and further work is ongoing. This site is located approximately 250 feet from the Kotlik River and is subject to flooding.

