



Alaska Department of Environmental Conservation (ADEC) Solid Waste Program and Contaminated Sites Program (Kitrina Persson and Katrina Chambon) conducted a Coastal Impact Assistance Program (CIAP), Waste Erosion Assessment and Review (WEAR) site visit for the Village of Levelock on September 10<sup>th</sup>, 2012. Greg Andrew, the Village Council Administrator, and Shirley Andrew, IGAP Coordinator, helped coordinate our visit. The following narrative is a brief description of our findings during the September inspection.

**WEAR Sites:**

- **Landfill, 59.111382/-156.883063 (Active)** – This fenced landfill is a large site with two designated trenches for waste disposal: one burnable and one not. The non-burnable trench is full of water, with waste floating in it. Drums, vehicles, buckets of paint, appliances, fishing web, and other non-burnable items are collected and stored at the landfill as well. The area is quite large and waste is not very consolidated. It is fenced and there is a designated landfill operator that collects and burns waste in a Tok Burn Unit. There is a shipping container available for batteries and electronics; however, it does not appear to be well used. The landfill is over 4,000 feet inland from the Kvichak River.





- **Closed Landfill, 59.102493/-156.876064 (Closed)** – The closed landfill is about 1,000 feet from the Kvichak River. Soil is sandy. The area is being used to dispose of trees and brush that are cleared from other areas of the community. The landfill cover is in good condition and re-vegetation is naturally occurring over the site.



- **Fuel Header, 59.112092/-156.856052 (Active)** – The fuel header is approximately 50 feet from the actively eroding shoreline of the Kvichak River. The site is fully fenced and well maintained. Community leaders reported rapid loss of the bluff over the last year. During storm events wind and rain cause the sandy soil to slough. We observed that several trees had fallen off the banks onto the beach within the last month. There is no erosion mitigation at this site.



- **Tank Farm, 59.112198/-156.857392 (Active)** – This fully fenced, bulk fuel facility was completed in 2010. It consists of 4-30,000 gallon diesel tanks, 1-6,000 gallon gasoline tank, and 1-12,000 gallon gasoline tank. The facility is located about 60 feet from the school. The tanks are approximately 195 feet from the eroding shoreline of the Kvichak River.



- **Two Old Tanks, 59.109889/-156.859458 (Inactive)** – This site consisted of two vertical, BIA-style tanks used for gasoline storage. It is no longer in use since the new tank farm was constructed in 2010. During the site visit a fuel odor was observed. Standing water within the secondary containment produced sheen when mixed. Tanks were labeled 'Out of Service'. This site is located approximately 65 feet from the eroding bluff of the Kvichak River.





- **Old Tank Farm, 59.112769/-156.858183 (Inactive)** – This site consists of two adjacent tank farms: the old village tank farm and the old school tank farm. Each of these tank farms are no longer in use since the new tank farm was constructed in 2010. The village tanks consist of three horizontal tanks and the school tanks consist of two vertical tanks. All tanks were used for diesel storage. The site is located approximately 500 feet from the eroding bluff of the Kvichak River and 70 feet from the school. Transformers are stored outside the fence of the old village tank farm on the ground.

