

CIAP WEAR Trip Report
Chignik Lake (population 76)
August 19, 2014



Alaska Department of Environmental Conservation (ADEC) Solid Waste Program (Stephen Price and David Carlson) conducted a Coastal Impact Assistance Program (CIAP), Waste Erosion Assessment and Review (WEAR) site visit for Chignik Lake on August 19th, 2014. The following narrative is a brief description of our findings during the August inspection.

WEAR Sites

- **Landfill, 56.252987/-158.745201 (Active)** – This permitted landfill is designed as a trench and fill site and is operated by the Village of Chignik Lake. It accepts municipal waste, ash, inert waste and construction and demolition debris. It has been in operation since 1996 and is 1.6 acres. The landfill has an operator to maintain the site. This well-managed site is fully fenced and is only accessible by landfill staff. Waste is brought to the landfill through a collection program. There is a burn unit for burnable waste. Ash and other waste is disposed in the trenches. Metals, cars, drums, and propane tanks are placed in piles near the fence. Lead acid batteries are stored in a connex by the barge landing. The Chignik Lake Landfill is 440 feet from Chignik River and about a half mile east of the community. There was no erosion reported nearby.



- **Old Landfill, 56.254698/-158.738863 (Retired)** — This historic landfill was discovered during the visit. It operated from the 1980s until the current landfill was constructed in 1996. It contains municipal waste and metals. It protrudes all the way to the riverbank; however, the riverbank is not eroding as of this 2014 site visit. The water level was actually reported to be decreasing. There were no signs of stressed vegetation. Plants have overgrown most of the landfill and only a few drums and scrap metal can still be seen. The site is less than a half-acre in size. This site is located 4,000 feet down river from the community.



- **Barge Landing Tanks, 56.260797/-158.701719 (Active)** — The barge landing is at the end of Chignik Lake Road, which is over two miles east of the community. At this location, there are two horizontal fuel tanks within a fenced and locked area. The tanks are two different sizes with unknown capacity and contents. It is unknown if there is secondary containment. The tanks were reported to be owned by the Village of Chignik Lake and have been in this location since 1996. There are three other small tanks of various size that are outside the fenced area and are not in use. The tanks are approximately 200 feet from Chignik River.



- **City Tank Farm, 56.25163/-158.76292 (Active)** – The city tank farm consists of three horizontal fuel tanks: two tanks with an estimated capacity of 20,000 gallons and a smaller 10,000 gallon tank. The tank farm is lined and fully fenced. The Village of Chignik Lake owns and operates the tank farm. The tanks have reportedly been here since 1996. There are a couple small disconnected tanks located within the fenced site. The tanks are 850 feet from Chignik Lake, but there is no erosion reported nearby.



- **School Tank Farm, 56.25367/-158.76511 (Active)** – This tank farm is owned and operated by the Lake and Peninsula School District. This site has a total capacity of 50,000 gallons of diesel: 4 horizontal 10,000 gallon tanks and one vertical 10,000 gallon tank. There are a few small inactive tanks and drums in and around the site. It was recalled that the tank farm dated back to 1996. The tanks are fenced, but the fence is in need of repair. There are no signs of stressed vegetation. Vegetation is starting to grow thick around the tanks. The tanks are 440 feet from Chignik Lake, which has no erosion reported.

