



Alaska Department Environmental Conservation (ADEC) Solid Waste Program (Trisha Bower, Sandra Woods, and Rebecca Colvin) conducted a Coastal Impact Assistance Program (CIAP), Waste Erosion Assessment and Review (WEAR) site visit for the Village of Golovin, September 12th, 2012. Carol Oliver, the IGAP Coordinator, Toby Anungazuk Jr., the IGAP Assistant and Peter Olson, the Public Works Director/Landfill Operator helped coordinate our visit. A follow-up inspection was conducted September 8, 2014 by Trisha Bower and Sarah Durand. The following narrative is a brief description of our findings during the September inspections.

WEAR Sites

- **Tank Farm, 64.542884/-163.036550 (Active)** — The main tank farm is an engineered facility that is located on a raised platform within a fenced area with secondary containment. The tank farm is maintained and operated by employees only. The platform is built on a raised gravel pad. The tank farm is approximately 669.5 feet from Golovnin Lagoon and 544 feet from Golovnin Bay. The US Army Corps of Engineers 2009 study Alaska Baseline Erosion Assessment lists an estimated erosion rate of 4 feet per year. Golovin experiences both river and coastal erosion.



- **Staged Tanks, 64.5407/-163.042567 (Inactive)** – There are several smaller tanks located at the barge landing zone. They are decommissioned tanks with holes cut into the bottom that are waiting to be salvaged or backhauled. Golovin converts old fuel tanks into locally made burn units in the Golovin Landfill. There is not a known source of contamination located here.



- **Abandoned Tanks, 64.585311/-163.037483 (Abandoned)** – There are 3 abandoned fuel tanks that have washed ashore north of Golovin during storms. They are large tanks and appear to be intact and empty of fuels. There is not a known source of contamination. It is possible that they will be washed out into the Golovnin Lagoon again and will be deposited somewhere else.



- **Landfill, 64.543942/-163.0175 (Closed)** – This site has been assessed as a Brownfield site under the Contaminated Sites Program (File ID 590.38.003). It is located near the mouth of Chinik Creek, near the end of the runway. It is actively eroding into the creek, which is anadromous and is the village drinking water supply. The landfill operated from the early 1960s to 1996 when it was closed and covered with gravel and sand. It received municipal solid waste, special waste, and construction and demolition waste. It is being monitored by the local environmental staff, who is seeking funding to stabilize the creek bank to prevent further erosion of this landfill.

2012 Photos



2014 Photos



- **1.7 Mile North Landfill, 64.566959/-161.013781 (Active)** – This permitted landfill is a fenced trench and fill landfill that is well-run. It was constructed around 1996 and is operated by the City of Golovin. There is a full-time Landfill Operator to manage the landfill, so there is adequate waste separation and diversion. It accepts municipal waste and construction and demolition debris. A homemade burn unit is used to burn municipal waste. There is a voluntary collection program in Golovin, but the majority of waste is brought to the landfill by self-haulers. The current IGAP Program Staff collect and recycle/backhaul fluorescent lights, aluminum cans, used oil, household batteries, lead acid batteries, and scrap metal. It is located 1.5 miles north of the community and is inland in an elevated area.

2012 Photos



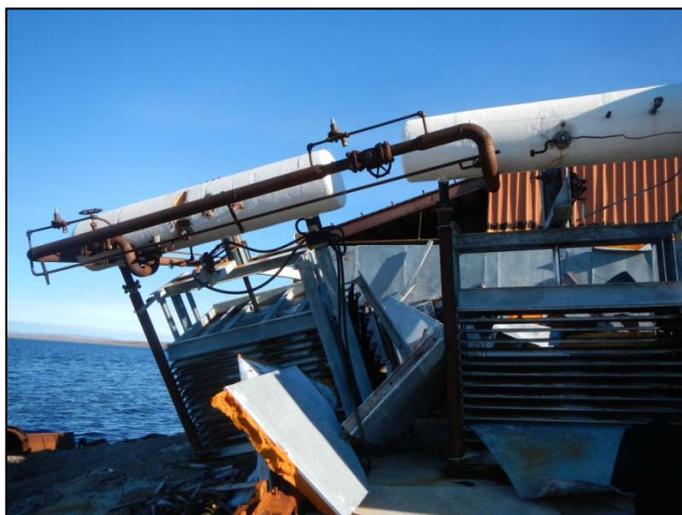
2014 Photos



- **Fish Processing Plant, 64.545254/-163.038395 (Abandoned)** – This site is an abandoned processing plant that is actively eroding into the Golovnin Lagoon. The processing plant has not been stripped of valuable metals and equipment. Small equipment, fuel tanks, compressed gas tanks, lead acid batteries, and other possible contaminants are still located at this site. This site was revisited in 2014 and there was considerable erosion and loss of structural integrity since 2012. The blue building had cracked and was no longer level. The second building had also cracked, and the original concrete flooring was cracking off in slabs and falling into the Golovin Lagoon. Copper piping and other valuable metals were observed, in addition to multiple generators, ammonia tanks, fuel tanks, heavy equipment and used fuel filters. This site is privately owned according to local residents. During this inspection it was noted that the adjacent house is also part of this property and is reported to be substantially contaminated with creosote and petroleum products and has been abandoned since its owners passed away.

2012 Photos

2014 Photos



Processing Plant Photos Continued

2012 Photos



2014 Photos

