

CIAP WEAR Trip Report
King Cove (population 934)
August 6, 2014



Alaska Department of Environmental Conservation (ADEC) Solid Waste Program (Doug Huntman and Kym Bronson) conducted a Coastal Impact Assistance Program (CIAP), Waste Erosion Assessment and Review (WEAR) site visit for King Cove on August 6th, 2014. The following narrative is a brief description of our findings during the August inspection.

WEAR Sites

- **City Tank Farm, 55.060258/-162.329035 (Active)** – This tank farm is owned and operated by the City of King Cove. This tank farm has been in place since around the 1990s, but it was upgraded in 2007 through a Denali Commission project. The site includes five horizontal diesel tanks with a 29,500 gallon capacity for a total of 147,500 gallons. The tanks had secondary containment and a geotextile fabric liner. The tank area was fully fenced and had locked gates. There were no signs of stressed vegetation nearby. This site is 150 feet from King Cove Lagoon, which is not eroding. There was not a significant source of erosion nearby, but the tanks are at risk of tsunamis.



- **Old Landfill, 55.056079/-162.328445 (Retired)** – This site is located just over 100 feet from the King Cove small boat harbor. The landfill was used throughout the 1970’s – 1988. It accepted municipal waste and construction and demolition debris. It is currently covered with no exposed waste. The old landfill area is now owned by Peter Pan Seafood and used as a crab pot storage area. There were no signs of stressed vegetation or erosion. This area is 250 feet from King Cove water body and is at risk of tsunamis.



- **Peter Pan Tank Farm, 55.061370/-162.319840 (Active)** — This site is the Peter Pan Seafood Tank Farm. The tank farm is fully fenced with secondary containment, and a steel dike enclosing the perimeter. It includes two very large vertical tanks and eight medium size horizontal tanks comparable to the City Tank Farm. It has unknown capacity of diesel and gasoline and serves as the community fueling station. This tank farm was reported to have opened around fifteen years ago in 2000 and can be seen per DCRA imagery in 2002. There were no signs of stressed vegetation or erosion nearby. It is 200 feet from King Cove Lagoon.



- **Landfill, 55.034878/-162.293065 (Active)** – The landfill is 11,000 feet south of the main town area. This permitted landfill has been in operation since 1988 and is operated as an area fill design. It is approximately 7.5 acres in size. It accepts municipal waste, construction and demolition debris (C&D), ash and septage. The City of King Cove employs an operator for the site. Waste was spread throughout the large, open cell. It is planned to be closed when a new cell opens in 2015. Clean wood, cardboard, and paper is burned on the ground in an area separate from the active cell. There is a separate C&D cell that is regularly compacted and covered. The city has a used oil burner and lead acid battery collection. The landfill is located 520 feet from the King Cove water body. There is no reported erosion of the shoreline near the landfill.

