



Alaska Department of Environmental Conservation (ADEC) Solid Waste Program (Trisha Bower and Kit Persson) conducted a Coastal Impact Assistance Program (CIAP), Waste Erosion Assessment and Review (WEAR) site visit for the Village of Stebbins August 1<sup>st</sup>, 2013. This site was revisited on September 9<sup>th</sup>, 2014 by Trisha Bower and Sarah Durand. Nora Tom, City Administrator, helped coordinate both of the visits. The following narrative is a brief description of our findings during the 2013 and 2014 visits.

### WEAR Sites

- **Landfill, 63.532803/-162.291724 (Active)** — This 2.2 acre site is a partially fenced, area fill landfill with a current permit that has been in operation since 1979. The majority of the community's waste is brought to the landfill by self-haulers, where open burning is conducted. The landfill accepts municipal waste and construction and demolition debris. There is a Landfill Operator hired occasionally to manage the landfill. There is inadequate waste separation or diversion and limited recycling/backhaul in Stebbins. A large metals pile is located in the landfill. Polluted soil is being stockpiled at the landfill as part of a Contaminated Site Program cleanup plan for the Tapraq Tank Farm (File ID 650.38.005). It is located approximately 1,480 feet inland from the Norton Sound in an elevated area.

**2013 Photos**

**2014 Photos**



- **Community Tank Farm, 63.521661/-162.287162 (Active)** – Several tank farms throughout the community have been consolidated into this tank farm which houses tanks for: City of Stebbins, Tapraq Fuel Company, and Bering Strait School District. It contains 10 tanks with a total capacity of 370,000 gallons of diesel and gasoline. It began operations in 2011 and lies just north of the new AVEC bulk fuel facility. The foundation is built up several feet from the surrounding land and is on metal pilings above that as the entire community is in a 100-year floodplain. This site also comprises the known Contaminated Site - Tapraq Tank Farm (File ID 650.38.005) under the ADEC Contaminated Sites Program. Some petroleum polluted soil was removed from the site before construction as part of the cleanup of the site; however, cleanup work continues on the site. The tank farm is approximately 500 feet from Norton Sound and approximately 360 feet from a nearby surface water pond.

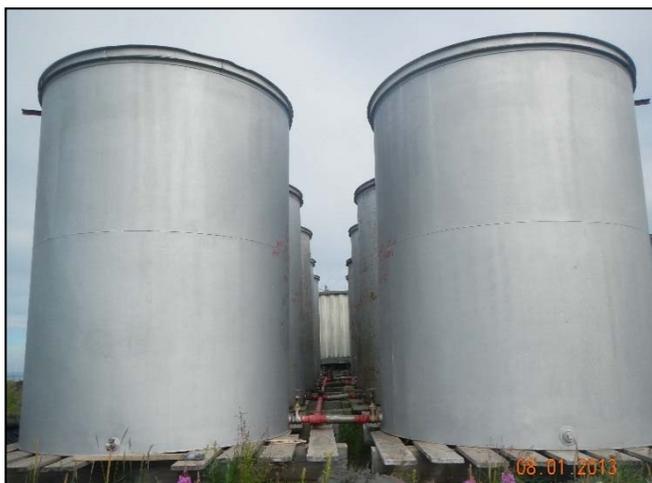
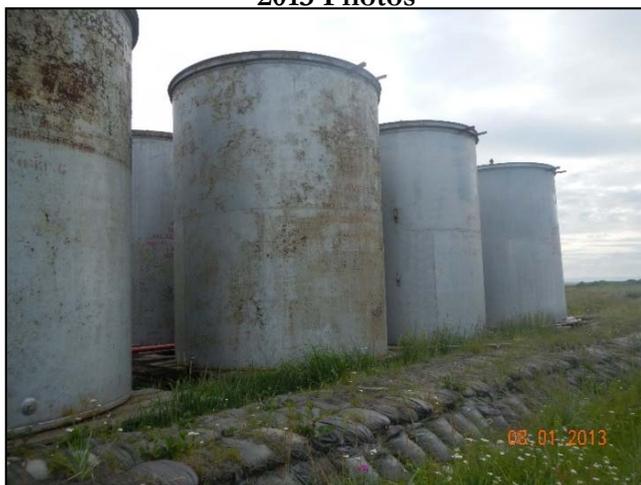


- **AVEC Tank Farm, 63.521733/-162.287162 (Active)** – The new AVEC tank farm was constructed through a Denali Commission Project. It was under construction during the 2013 visit, but it had been completed and was operational as of the 2014 visit. The AVEC tank farm lies just south of the Community Tank Farm. The tank farm is fully fenced and is built up several feet above ground level and is on metal pilings above that as the entire community is in a 100-year floodplain. This site contains 9 diesel tanks with a total capacity of 410,000 gallons. Extra capacity was built into the tank farm as Denali Commission is working on a separate project to supply power to the nearby community of St. Michael from this site. The tank farm is approximately 500 feet from Norton Sound and approximately 360 feet from a nearby surface water pond.



- **Old AVEC Tank Farm, 63.514931/-162.287014 (Inactive)** – This tank farm is owned and operated by AVEC; the local power utility since 1972. This tank farm was in operation during the 2013 visit, but it had been decommissioned once the new AVEC Tank Farm came online in 2014. It consisted of 13 vertical fuel tanks within an earthen berm with large stained areas of vegetation noted outside of the berms in 2013. The tanks and other structures had been removed from the site in 2014 in preparation to turn the leased land back over to the Alaska Department of Transportation. Although this site is not currently listed with the Contaminated Sites Program, AVEC is working with them on sampling soils for contaminants and forming a plan for remediation. This tank farm was located approximately 190 feet from Norton Sound.

**2013 Photos**



**2014 Photos**



- **School Tank Farm, 63.519713/-162.288838 (Active)** – This tank farm is operated by the Bering Strait School District (BSSD) and is located within 100 feet of the school. In 2013, it consisted of 14 vertical fuel tanks within an earthen berm and 1 newer, horizontal fuel tank. All 15 tanks were within the same fenced area. Local city staff reported that this tank farm only utilized the 1 horizontal tank and the 14 vertical tanks were empty and unused in 2013. The 14 vertical tanks, their piping, and the bermed area were removed at the time of the 2014 visit. The single double-walled, 8,000 gallon diesel horizontal tank remained in the fenced area on an elevated pad. This tank is supplied fuel by direct piping from two BSSD tanks at the separate Community Tank Farm. Connexes were being stored where the removed tanks were located. This tank is approximately 107 feet from Norton Sound. Local residents placed large boulders along the length of the school for erosion control as the school is the community’s emergency center.

**2013 Photos**



**2014 Photos**



- **AKARNG Armory, 63.524295/-162.291149 (Active)** – This is a known contaminated site (File ID 650.38.002) due to petroleum contamination in the soil. It is the Alaska Army National Guard (AKARNG) building. 50 cubic yards of contaminated soil were removed from this site around 2002, and further site characterization continues. This site is approximately 400 feet from Norton Sound.



- **Water Treatment Plant, 63.520232/-162.288526 (Active)** – This is a known Contaminated Site (File ID 650.38.003) due to petroleum contamination. It is titled *City of Stebbins Water Treatment Plant* in the Contaminated Sites database. While drilling for foundation work between the water treatment plant and water tank, weathered petroleum product was found at 7-12 feet below the ground surface in 1999. There are no water wells in Stebbins. Water is trucked from Clear Lake which is 5 miles away from the community. The site is located approximately 235 feet from Norton Sound.

**2013 Photos**



**2014 Photos**

