

CIAP WEAR Trip Report  
Emmonak (population 755)  
July 9, 2012



Alaska Department of Environmental Conservation (ADEC) Solid Waste Program and Contaminated Sites Program (Doug Huntman and Grant Lidren) conducted a Coastal Impact Assistance Program (CIAP) , Waste Erosion Assessment and Review (WEAR) site visit for the Village of Emmonak, July 9<sup>th</sup>, 2012. John Murphy, City Administrator, participated on the site visits. The following narrative is a brief description of our findings during the July inspection.

**WEAR Sites:**

- **Landfill, 62.775086/-164.505094 (Active)** – The landfill is a self-haul site with a part-time operator. The site is approximately 5 acres with waste spread out throughout the site. Problems with the site include: no cover material available to place on waste, open burning was observed, no wastes are prohibited from dumping, and no fence is around the perimeter. The landfill is located approximately 380 feet from an actively eroding bank along the Yukon River. Trash was observed along the bank for about 100 yards. Some of the waste appeared to be new, and the result of either windblown litter, or illegal dumping. Other waste appeared to be historical waste, eroding directly from the bank. This waste is probably attributed to landfill expansion away from the bank in a NNE direction. The landfill is located approximately 4,500 feet upstream of the village water supply. It is reported that the majority of erosion occurs in the spring when the river breaks up and ice scours the banks.





- **Old Emmonak Corp Tank Farm, 62.770248/-164.492964 (Active)** – This is the site of the Emmonak Corporation’s old tank farm. It is an active Contaminated Site (File ID 2413.38.005). The tank farm was decommissioned when the new consolidated tank farm was completed in 2000. The tank farm consisted of seven of the eight tanks located within two adjacent bermed, lined areas. The eighth tank was situated outside the berm on the south side. There was an approximately 300-foot piping run from the former tank farm to the dispenser/pump house located adjacent to the Yukon River. The only remaining tank is an empty 12,000 gallon tank that had been moved from its original location. Soil sampling was completed on this site in 2012 and work is ongoing. It is less than 100 feet from Kaoledoly Slough and is approximately 320 feet from the Yukon River. Marshy lowlands extended out from the bank by about 100 yards.



- **Consolidated Tank Farm, 62.776195/-164.517239 (Active)** – The City of Emmonak and the Emmonak Corporation individually own and operate separate storage tanks and distribution systems within this tank farm. It was completed in 2000 and contains a partitioned tank farm with three cells containing eight Corporation tanks and one cell containing three City tanks. It was built on a raised gravel pad above flood level and contains a liner system. A fence with a locking gate was in use. It is located approximately 560 feet from the Yukon River.





- **City Shop Tank Farm & Boneyard, 62.775457/-164.517608 (Active)** – This active Contaminated Site (File ID 2413.38.008) is the historic City tank farm. The tanks are still present, but not in use due to the new consolidated tank farm completed in 2000. This site is located between the airport and the village. The boneyard portion of the site is approximately two acres and contains: vehicles, old tanks, broken heavy equipment, lead acid batteries, appliances, and drums. Leaking oil and distressed vegetation was witnessed during the inspection. It is located approximately 125 feet from the Yukon River.



- **City Tank Farm, 62.777583/-164.531303 (Active)** – The tanks appeared in good condition with secondary containment and no evidence of leaks or spills. There are four large fuel tanks and two very large, water tanks located on the site. This site is adjacent to the AVEC tank farm. The City Tank Farm is located approximately 650 feet from the bank of the Yukon River.





- **Old AC Dump, 62.777500/-164.546800 (Abandoned)** – This site is located directly behind the old AC Store. It appears to be historic and consists of trash buried from the AC store over a period of years. Historic scrap metal and plastics noted as well as recent dumping evident by a fish carcass and a bicycle. This site is an active boat launch area and is actively eroding into the Yukon River.



- **Old BIA School Tank Farm, 62.777268/-164.530568 (Active)** – This old BIA school tank farm is an active Contaminated Site (File ID 2413.38.006). It consists of five vertical fuel tanks on wooden platforms in an unfenced area. The tanks are still in use by the new school. The tanks are located in the middle of the village and are frequented by village youths as they are 20 feet from the village basketball court. This site is located approximately 550 feet from the banks of the Yukon River.





- **Old BIA School, 62.776944/-164.531111 (Active)** – The old BIA school is a Brownfield site under the Contaminated Sites Program (File ID 2413.57.001). An Environmental Management Plan was completed in 2011. Limited testing of the buildings indicated there was asbestos in some structures, but no lead-based paint was found in the samples collected. However, this testing was not intended as a full hazardous materials inspection. This site is located approximately 350 feet from the banks of the Yukon River.



- **Washeteria, 62.777269/-164.528573 (Active)** – The Washeteria is an active Contaminated Site (File ID 2413.38.001). In 1994 a pipeline spill at the washeteria tank farm was first identified and reported. During a 2000 limited site investigation, only one of two tanks was observed at the site. As of July 9, 2012, the washeteria building appeared abandoned. Two unknown tanks were observed leaning against the front porch and one of the original tanks (observed in 2000) remains on the side of the building at the former tank farm area. This site is located approximately 530 feet from the banks of the Yukon River.



- **City Hotel/Office Tank Farm, 62.776933/-164.530038 (Active)** – The City Hotel/Office is an active Contaminated Site (File ID 2413.38.007) due to petroleum releases first encountered in 1997. In 2000, a soil sample collected contained petroleum contamination above ADEC cleanup levels. As of July 9, 2012, fuel tanks were present and appeared to be in use. A high water spring flooding mark of 4 feet above ground surface was noted marked on the side of the office building. Additionally, a new covered stockpile was noted on site. The stockpile was generated during cleanup of a separate 2011 spill event that is currently being managed by the ADEC Prevention and Emergency Response Program (PERP) known as: Emmonak Office Complex 2011. This site is located approximately 350 feet from the banks of the Yukon River.

