



Alaska Department of Environmental Conservation (ADEC) Solid Waste Program (Trisha Bower and Kym Bronson) conducted a Coastal Impact Assistance Program (CIAP), Waste Erosion Assessment and Review (WEAR) site visit for the Village of Point Lay, August 22nd, 2013. Tom Nicolos, the North Slope Borough Airports and Landfills Manager, helped coordinate our visit. The following narrative is a brief description of our findings during the August inspection.

WEAR Sites

- **Landfill, 69.726369/-162.941371 (Active)** — This permitted landfill is a secured landfill that is operated by the North Slope Borough Public Works Department. The North Slope Borough allows only municipal waste from Point Lay residents to be placed in the landfill without prior approval. Waste from special projects may be allowed if the project submits an application to the North Slope Borough, and it is approved. ADEC approval is required in the North Slope Borough application process for polluted soil and other special wastes. The landfill accepts municipal waste and construction and demolition debris. There is currently a Connex filled with oil spill response equipment stored at the landfill. During the inspection there appeared to be used sorbent materials stored with the Connex in a containment area. The landfill and the sewage lagoon share this 12 acre rectangular area; the landfill is approximately 5.18 acres. This facility is located approximately 4200 feet from the Chukchi Sea.



- **Point Lay Dewline LIZ-2 Landfill, 69.728687/-163.020056 (Active)** – Installation waste and debris was disposed of in this landfill from 1973-1987 by the Air Force. The types and amounts of contaminants, and the extent of the contamination is unknown. This landfill was actively being removed and remediated during the inspection under the Contaminated Sites Program (File ID 425.38.001). The site had not been revegetated yet, so may be at risk of erosion until vegetation grows in and prevents runoff of sediment. This site was located approximately 360 feet from the Chukchi Sea.



- **Polluted Soil Supersacks, 69.734815/-163.020947 (Active)** – This site is being used as a large scale storage area for the removed waste from the Dewline LIZ-2 Landfill located ½ a mile south. It had been there for 2 summer seasons (2012 and 2013) at the time of the inspection and the removal date was unknown. Per the Contaminated Sites database, the Air Force provided reassurances these supersacks would be removed by barge in summer 2014. This site is located within a flood plain and could be at risk of erosion if not removed. This site is approximately 170 feet from the Chukchi Sea.



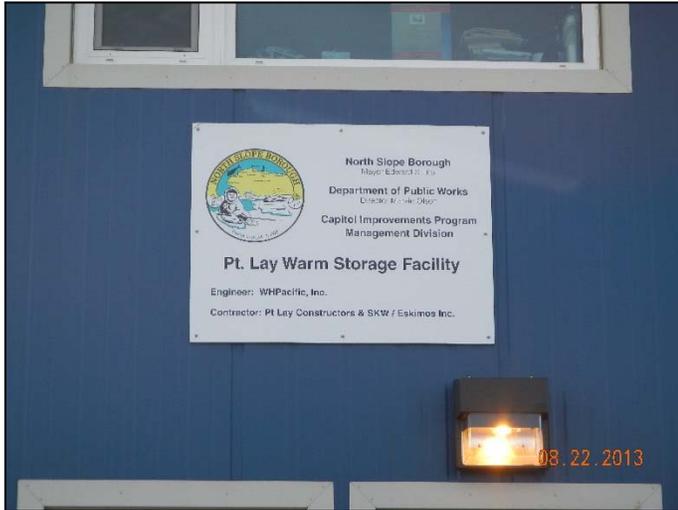
- **Polluted Soil, 69.743407/-163.005578 (Abandoned)** – There were piles of soil on plastic located in town observed during this inspection. It was not confirmed to be polluted soil, but it was bermed and contained with plastic as polluted soil is normally stored. It does not appear to be part of a DEC Contaminated Site, but it could be from a DEC Prevention and Emergency Response (PERP) cleanup. Imagery from 2003 and 2006, is inconclusive because of the poor resolution, but does indicate that this may have been the location of a historic tank farm. The imagery in 2003 shows two horizontal structures side by side, and then in 2006 the structures have been removed, but the cleared rectangular area remains. This is the same site that was identified during the inspection, so it is possible this is the site of an old tank farm. The site is located approximately 1070 feet from the Chukchi Sea.



- **Community Tank Farm, 69.740662/-163.004322 (Active)** – This site is an active community tank farm operated by the North Slope Borough in a locked area. It is regulated by the DEC Terminals and Tank Farms Section. This site is located between the community and the landfill. It contains 4 large, vertical tanks and 2 horizontal tanks. It has a total capacity of 429,102 gallons of diesel and 30,576 gallons of gasoline. This site is approximately 1400 feet from the Chukchi Sea.



- **NSB DMS Drum Storage Area, 69.741272/-163.005913 (Active)** – This is a known contaminated site (File ID 425.38.006) due to petroleum contamination and is being monitored through the Contaminated Sites Program. It is the location of the Department of Municipal Services (DMS) Warm Storage building under the North Slope Borough (NSB). The previous building burned down and this new one was constructed on top of the old one. There were several drums staged near creosote pilings at this site. No stained soil or distressed vegetation was noted. This site is located approximately 680 feet south of the school and 1280 feet from the Chukchi Sea.



- **School Tank Farm, 69.742522/-163.008311 (Active)** - This is a known contaminated site (File ID 425.38.004) due to diesel from multiple spills impacting the tank farm and the adjacent tundra at the Kali School. The tank farm originally had two 20,000 gallon tanks. There was a large spill of 4,000 gallons of diesel in 2004 when the tanks were no longer in use, but had not been removed yet. The original tank farm has been demolished and a playground built on the gravel pad. The school is still served by a smaller tank that is secured within a fenced area 100 feet north of this site. The North Slope Borough School District is the responsible party for this site. The site is located approximately 770 feet from the Chukchi Sea.

