



Maniilaq Association
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Submitted by: Stanley Tomaszewski; Brownfield Coordinator

Subject: Deering Brownfield Inventory visit 9/02/2009.

Upon arrival, and noting present vacancy in IGAP environmental coordinator position, Maniilaq Assoc. Brownfield Coordinator met with Deering IRA rep. Susie Barr and Maniilaq Assoc.'s Ruth Barr to assist with Brownfield Inventory and assess back haul-recycling activities. Went over survey forms completed by Calvin Moto Sr., not available this visit, during April 1-2, 2009 Brownfield workshop held in Kotzebue; Potentially contaminated sites identified in partially completed survey forms were visited and are described below.

1. **Abandoned Bulk Fuel Tank Farm** - This tank farm located at the west end of town and approx. 100 yards from Kotzebue Sound to northeast was site of previous IRA bulk fuel storage tanks that were taken out of service cleaned, cut up and shipped out in '2003', and believe prior to or during placement of the adjacent new power generation plant with accompanying upgraded bulk fuel storage. **Presently** the 13 vertical 5k gallon and three approx. 15k gallon horizontal tanks now on site arrived after being moved for a third time from various locations around town. These out of service tanks, adequately supported on timber bolsters, have been cleaned evidenced by man way entry doors cut in each for that purpose then welded closed await future disposition; possibly backhauled for scrap value. Further, approx. half acre site has school project constructed 3 ft. high, lined earthen berm at perimeter with chain link fencing atop and no gate at threshold entrance. Also at this location is fuel dispensing pump and housing; may be in-operational? Noted some staining of gravel soil forming pad area inside perimeter fencing. Redevelopment Reuse Purpose...Return to green space.



Abandoned Bulk Fuel Storage Tank Farm

Note: White tanks back of photo are active upgraded Bulk Fuel Storage Tanks.

2. **Deering Landfill (Active)** - Located approx. one mile northwest of town and 2-3 hundred yards from Kotzebue Sound to northeast. **Presently**- active dump is self-haul; site access is unrestricted all hours of the day or week with perimeter fencing three sides only leaving a wide-open entrance (no gate). Most garbage is dumped in front area blocking use towards back of dump. This condition allows prevailing wind blow debris across road collecting in vegetation that side. Further, site controls any form are non-existent and overall maintenance condition is poor. Refuse not being pushed to back of dump where plenty space remains available, garbage not being compacted/covered allowing (huge) pileup completely restricting entrance thereby creating the mess in front, vectors. No burn box or equivalent on site and is evidence of open burning on ground which creates fire hazard to heavily vegetated site location (tundra). Heavy equipment (bulldozer and backhoe) sometimes available for dump maintenance. Noted area outside of dump where some segregated metal is placed haphazard fashion for possible parts salvage, recycling or eventual dumping. These materials consist mainly of assorted 'white goods', i.e. refrigerators, freezers; snow machine (snowmobile) carcasses, etc. and lead-acid batteries were noted on the ground. Adjacent to west fence of dump and at several feet elevation above is located a partially fenced 'honey bucket' lagoon or more like 'pit'. This feature approx. 20 ft. by 20 ft. has no gate and is mostly filled with refuse or garbage and little evidence of containing human type waste. Was informed maybe three households in Deering remain on honey buckets out of estimated population of 135. Redevelopment-Reuse- Purpose; undetermined.



Dump Entrance



Segregated Metal



Dump Entrance and windblown debris



Honey Bucket "lagoon" with warning sign.

3. **Old Dump Site (Abandoned):** Located west end of town adjacent east side of ‘Abandoned Bulk Fuel Tank Farm’ described previously. Was informed this dump site was used by the community prior to 1991 or 92. Approx. one acre site is location for junk storage in the form of old in-operational heavy equipment, a tank trailer, and other misc. debris including variety unused construction items. Gravel piles exist on site, unable to determine if this material was stockpiled on poly-lining or if petroleum contaminated. Redevelopment-Reuse- Purpose; green space restoration potential.



Old dump site

4. **Abandoned House:** Located approx. center of town across from clinic bldg. and next door to Friends Church on shore side of street. Owner resident of Kotzebue, this house currently unoccupied, total disrepair with possible stove oil contamination on side of house. Off grade structure is geodesic dome construction with flooring collapsing underneath, holes in top of roof and rock-roll on outside. Redevelopment Reuse: undetermined.



Geodesic house; Kotzebue Sound in background



Collapsed floor shown underneath

House with suspect stove oil barrel (below)







