



Maniilaq Association
P.O. Box 256
Kotzebue, Alaska 99752
(907) 442-7639

Report Date: August 31, 2009

Submitted by: Stanley Tomaszewski; Brownfield Coordinator

Subject: Kobuk Brownfield Inventory Visit; 5/29/09.

Upon arrival TRP Coordinator met with IGAP Coordinator Carl Snyder to assist with Brownfield Inventory activities and later briefly addressed Tribal Council during a regular scheduled meeting, described Brownfield process and general observations made that morning. Went over survey forms Carl completed during workshop in Kotzebue, April 09, and listed them in order of priority after council meeting, members did not participate in priority selection. Selected probable contaminated sites listed in order of priority follows:

1. **Washeteria/Water Treatment Plant (WTP)**- Located same building, washeteria no longer operational however WTP is active. Problem exists due to impeded treatment plant fuel delivery system requiring operators to transfer facility equipment fuel via hand pump from 55 gal. drum to “day storage” tank inside bldg. Inadvertent spillage finds floor drain then ground below, within 10 ft.(approx.) of City Water Source Well. Examination of vertical drain under WTP evidenced no significant petroleum contamination, however discovered a 1 in. dia. PVC drain tube terminating in a bleach jug receptacle. Presently this condition has changed; floor drain has been satisfactorily modified and informed by Maniilaq Environmental Health Mgr. drain is sealed from inside as well. Fuel delivery system not repaired to my knowledge. Environmental Coordinator took exceptional measures including notifying Administrator City of Kobuk, DEC, Maniilaq Environmental/Health Program and fixing floor drain, Carl says “just need to protect the drinking water well”.



Floor Drain Pipe to Ground



WTP, Source Well under bldg. one ft. from steps.

2. **Old Fuel Farm Site/Search and Rescue Shop (Combined Locations)-** Side by side these show evidence environmental contamination, years of routine sloppy petroleum handling practices, transfer and storage, resulting in product stained soils in and around tank farm and shop bldg., abandoned dump truck front of S&R shop leaking oil to ground underneath. Also problem exists with used oil accumulating and becoming contaminated w/ antifreeze, water etc. creating waste oil condition and a potential HAZMAT situation. To date used oil is stored reasonably well and looking at methods of utilization within community; oil fired heaters, blending with diesel for heavy equipment use.



Search and Rescue Shop/ Old Fuel Tank Farm and Abandoned Dump Truck

3. **Bulk Fuel Delivery Transfer Site-** Located proximity airport equipment storage bldg., homes and Friends church entrance. Transfer site consists of two, 3 in.dia. (approx.) coupling type connections with valves. Spill containment provided by steel open top box approximately three cubic feet volume underneath valve arrangement. Concern arises due to catchment filled with large rocks and of course is full of water, then due to spillage or fuel loss during years of transfer operations overflows to surrounding ground. There appeared no drain to remove contents. Redevelopment reuse plan, undetermined.



Bulk Fuel Delivery Transfer Site near Homes and Airport







