

## **PINB SUBMITTAL: DETAILS OF HAZARDOUS WASTE MATERIALS**

### **PROCESSING AREA**

**May 1, 2009**

Prior to any barrel processing or buried debris excavation a Hazardous Waste Material Processing Area (HWMPA) will be constructed. The location of the HWMPA will be designated on site after further site inspection and consultation with the Project Engineer. The location will be chosen to minimize the distances of transport of hazardous materials, to provide adequate room for the handling of hazardous materials and to minimize potential traffic contact between other operations on site including camp operations. The area will also be selected to provide greater than 100 metre distance from water bodies, ease of access and minimal requirement for significant ground disturbance by leveling equipment and material handling equipment.

The primary purpose of the HWMPA is to contain any barrels containing hazardous liquids as they are being processed. Barrels will be indelibly labelled and sampled where they are found if possible, especially if they have already been agglomerated into stock piles on the site, to minimize the possibility of a spill during transport and the space required for the HWMPA. The drums would be transferred to the HWMPA for consolidation of like wastes, containerization and drum washing once the material is identified and the integrity of the drum is confirmed for intermediate transfer.

The HWMPA will be constructed in a compacted pad area accessible from all sides with a loader. Drums will be able to be placed on the liner without the loader driving within the HWMPA, dictating that the working pad width will be 5 metres across, and however long as required to accommodate the anticipated number of drums. A bermed, lined HWMPA area will be established on the graded pad such that it will drain to a sump. Water collected in the sump will be used as barrel wash water. Barrels will be sorted and placed in like groupings as they come to the HWMPA to again minimize handling and likelihood of spills. The barrel washing facilities will either be part of or immediately adjacent to the HWMPA to reduce the distance for transporting empty drums, so they can be processed as the drums are consolidated. Drum contents will be transferred with a pneumatic lube oil pump to further reduce the possibilities of spills. It is anticipated that only minor amounts of HW will need to be processed at the HWMPA from the buried debris excavation and landfill excavations.

Materials on hand at the HWMPA will include fire extinguishers, spill kits, first aid kits and eye-wash, rubber boots, nitrile gloves, disposable coveralls and other potentially required PPE, wooden sea-cans with liners, shovels, buckets and other means of containment. EGT will also have on site a variety of erosion and spill prevention equipment, overpack drums, wooden sea-cans with both 6-mil poly liners and hydrocarbon resistant liners, absorbent and packing materials including "floor-dry" and bundles of absorbent rags.

Signs describing and warning of the HWMPA will be erected on all sides of the HWMPA.

A handwritten signature in black ink, appearing to read 'R. Newmark', with a large, sweeping flourish extending from the end.

**RUSSELL NEWMARK**  
**E. GRUBEN'S TRANSPORT LTD.**