

## **7.0 REVIEW OF HANDLING/DISPOSAL OF HAZARDOUS WASTES**

### **7.1 Introduction**

This chapter provides a review of the current handling and disposal methods associated with hazardous wastes at the landfill, Specification 3.5, which states:

- *Methods of identification and control of industrial and household hazardous wastes.*

### **7.2 Methods of Identification and Control of Hazardous Wastes**

Hazardous wastes including industrial waste and household hazardous waste (HHW), are generally not accepted for disposal at the landfill, except for asbestos and limited quantities of HHW. The landfill employs spotters at both the municipal landfill, and the construction and demolition debris site. They monitor the disposal of the waste. FRSWC defines and lists acceptable and unacceptable wastes. They also provide on their website reference/links to the household hazardous wastes alternatives.

The C&D disposal site is not lined and therefore identification and separation of hazardous wastes is imperative. The spotter at the site has been observed to be very diligent in monitoring all loads received. This even in some cases includes assisting the public in unloading materials so that the spotter can monitor all debris material. If waste is not acceptable, then people are directed to the landfill's drop-off bin. For commercial users, if unacceptable waste is found, then their entire load is directed to the landfill face and they are charged the much higher fee for disposal.

The spotter at the municipal landfill face monitors loads dumped at that location. At this location is harder to monitor and control all the material. For example, very little can be seen in the large loads from the municipal garbage trucks.

Since all the waste cannot be inspected, some hazardous materials may end up at the site. As observed on a visit to the landfill, car batteries end up at the site. These were identified by the spotter and separated for later removal from the site. It is also noted that residential drop-off bins are not monitored. An option to help reduce the likelihood of hazardous wastes ending up in the landfill is to implement a community-based HHW program and to construct a HHW drop-off facility at the landfill.