ABSTRACT

The following review focuses on defining Household Hazardous Waste (HHW), current collection programs established in the Perth Metropolitan Region and around the country. The study's main focus, however, is on HHW disposal options. The methods used to obtain this information involved an extensive literature search on the available published information.

From the information obtained it could be concluded that firstly, quantities of HHW collected in Perth are considerably lower than figures from other states and, especially in comparison to the U.S.A. It was concluded that for the Perth Metropolitan collection program to be successful, in terms of economics and recapturing rates, an aggressive public education and outreach program would have to be developed and introduced.

Secondly, it was concluded from the information obtained on disposal options that due to differences in population, geography and extent of industry development, the application of these methods would encounter limitations such as costs, legislation and a lack of market and industrial support. Disposal options, such as those for batteries and fluorescent lamps for example, would particularly difficult to incorporate into Perth Collection Programs. However, disposal options used in the U.S.A for the management of paint and used oil filters could quite easily applied to the Perth Metropolitan region as they are simple and relatively inexpensive to set.