



11.0 Treatment

11.1 Objectives

The treatment of waste to a physical, biological or chemical process to change the volume or character of that waste so that it may be disposed of with no or reduced significant adverse effect on the environment.

Example : Composting of green waste and applied as growth nutrient to plants.

11.2 Background

Treatment of wastes are undergoing constant development mainly overseas as there are very few technologies that are commercially used on a large scale in New Zealand except for incineration of medical wastes and other difficult wastes. There are a number of methods to treat wastes including incineration, gasification, air-stripping of contaminated materials, pyrolysis, etc.

As the development costs are currently high in relation to landfilling, and some of the potential effects on the environment can be problematic (e.g. air discharges), the best approach is for Council to be kept informed of the developments and investigate any treatment proposal on a case by case basis.

11.3 Issues

- Lack of knowledge or information on treatment of waste especially difficult and hazardous wastes.



11.4 Methods

- To be kept informed of the latest developments in waste treatment technologies as a possible option prior to disposal of waste.

11.5 Performance Measures / Monitoring

Performance measures and monitoring will be developed once suitable waste treatment technologies are identified and economically viable.