

Public support has grown for at least secondary, but preferably advanced wastewater treatment providing the option of re-using rather than disposing of liquid effluent and sewage sludge.

Public authorities throughout the areas included in this study, long-term proponents of using more advanced treatment and disposal methods, have moved quickly in support of the change in public sentiment, proposing long-term programs using the most modern technologies. The most ambitious of these is the Sydney Water Board which has recently announced a 20-year, A\$6 billion program to upgrade its entire collection and treatment systems to acceptable standards. It has also advertised internationally for tenders for turnkey solutions in the treatment of its sludge production, expected to reach 260 tonnes/day by 1996.

1.2 Information Provided

The following information is provided:

- * An estimate of present and future quantities of wastewater and sewage sludge treated and disposed of in selected regions in the eastern states of Queensland (Qld), New South Wales (NSW), and Victoria (Vic). The regions chosen because they are heavily populated or are subject to rapid population growth, were Sydney and coastal NSW shires to its south, and north to the Qld border; Melbourne and non-metropolitan Victoria; and Qld coastal shires to the south and north of Brisbane.
- * Identification of treatment technologies and disposal methods presently in use and those planned for use.
- * Identification of problems in treatment and disposal.
- * Evaluation of available technological solutions to these problems, and an assessment of their acceptability to Australian regulatory authorities.
- * Estimates of the potential size of the market for equipment and services to achieve these solutions.
- * A list of major buyers and suppliers of equipment and services, and of potential joint venture partners for Canadian companies.