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SUMMARY

I. Title

“Preliminary Study on the Stable Treatment of Food Waste in Anseong”

II. Background

- Waste generation was generally expected to steadily go up due to a rapid increase in population and economic growth. However, regulations on disposable goods and a volume-based waste fee system have led to a gradual reduction in the amount of waste. In the case of food waste, separation of food waste from other waste has been put in place since direct landfilling was banned in January 2005. For this reason, while food waste generation has been on the rise, the rate of recycling food waste as live-stock feed and compost is at 93% as of 2005. The proper treatment technology for food waste, however, hasn't been established.

III. Ongoing Research

- Trends in food waste policies including food waste minimization, expansion of treatment facilities, and management infrastructure
- Food waste generation and status of food waste treatment in Korea and Anseong by literal and field investigation
- Food waste collection and transport systems
- Status and analysis of the existing food waste treatment processes
- Possibilities of the co-treatment with existing environmental treatment facilities including sewage treatment plant, industrial wastewater treatment plant, and municipal solid waste incineration plant
- Forecast of the food waste generation by the population change

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