

//Garbage recycling plants under construction

- 25/08/02 Observer

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The major garbage recycling plants that are being constructed in Muthurajawela are nearing completion and by mid September these plants are expected to start operations. The constructions are carried out by the National Engineering Research and Development Centre, Ekala, Ja-Ela and with these plants coming into operation the garbage from the local administration areas of Ja-Ela, Wattala, Gampaha and Negombo will be recycled. It is expected to produce around 280,000 cubic metres of bio-gas and around 1920 tons of organic fertilizer.

Upto now, these garbage has been dumped in wetlands and paddy fields which make an impact on the environment. In the Gampaha area garbage has been dumped in paddy fields and they stink and become mosquito breeding grounds resulting in the people subject to various diseases living around these garbage dumps.

On the one hand the production of bio-gas and bio-degradable fertilizer would contribute to the national development and on the other contribute to the health and preservation of environment.

These plants will utilize the vegetable waste and other water weeds and it is expected that these could be a reduction of mosquito breeding and could stave the spread of filariasis.



The largest ever bio-gas production unit constructed by the National Engineering Research and Development Centre at Muthurajawela.

This is the biggest bio-gas production centre in Sri Lanka and it consists of 16 tanks of 20 feet radius and 7 feet in height.

Dr. Chitral Ambewatte, head of the project said that the liquid that remained after the production of bio-gas could be used as an insecticide.

A large bakery will also be built and once the gas production commences this bakery could produce bread for the entire area.

Commissioner of local administration, Western Province has taken a special interest in the project. The plant will be maintained by the Wattala Urban Council under the Supervision of the NERD Centre. Though a generator using the gas it is also expected to produce electricity that could be sold at a cheaper rate.

The Engineer in charge of the Unit Chitral Ambewatte and Technical Engineer D.V. Wimalasena helped filing in this story.