



ZERO FOOD WASTE DISPOSAL AT LANDFILL



SASOL OIL & GAS EXPLORATION MOZAMBIQUE

February 2016

The Sasol Oil and Gas facility at the Temane Field 60km North West of Vilanculos in the northern Imhambane Province, had a particular challenge when it came to managing their food waste emanating from their kitchens which serve 600 meals three times a day to the staff and labour force on site. Surrounded by forestry plantations and miles from any facility for managing waste, it fell upon Sasol Mozambique to manage their food waste at source in order to preserve the pristine environment around them and especially to prevent vermin infestation. Furthermore the proper disposal of putrescible waste will further reduce GHG (Carbon and Methane) emissions, reduce their total monthly waste volumes to landfill, ensure monthly waste cost savings and further contribute to the protection of our valuable natural resources water, soil and air.

The JK5100LK, on-site in-vessel composter fitted with a food conveyor was installed. The food conveyor controls the feeding of food waste into the chamber, thus controlling the input of the volumes of waste on a daily basis and effectively speeding up the microbial decomposition process.

These composting systems (manufactured in Sweden) were supplied by Green Genie Waste Solutions (Hout Bay, Western Cape), sole importer and distributor of the Joraform in-vessel composting systems in Africa (www.greengenie.co.za). The various composter models can process food waste volumes ranging between 200kg to 15 tons of food / wet waste per month, producing certified "ready-to-use" organic compost for the growth of above ground- and below ground food sorts without the need of further maturation.

To find out how Green Genie can assist you to further green your building initiatives, please contact me on - 071 289 4562 or email alfie@greengenie.co.za



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