

New waste management equipment commissioned in capital

From Our Abu Dhabi Bureau

August 15, 2011



ABU DHABI: The Centre of Waste Management — Abu Dhabi, announced Sunday the launch of three modern air burners and three shredders in the Western Region, operated by West Coast Cleaning Company.

The new equipment approved by USA-EPA (Environmental Protection Agency), have the ability to burn and shred green and farm waste and the resultant outcome can be used at the compost plants.

Hamad Al-Ameri — general manager of the Centre of Waste Management - Abu Dhabi said that the new

equipment represents an excellent addition to the work and performance of the Centre in terms of maintaining public health and environmental safety.

“These equipments are the latest of their kind at the global level in terms of how they work and operate. Besides, the equipment are also classified as environment-friendly due to the lack of any adverse impact on public health and the environment.”

The new air burners have been installed in Liwa, Al Marfaa and Dalma in the western region, with a capacity of 90 tonnes of waste per day, working out to an average of 30 tonnes per burner. The air burners are characterised by their ability to burn green and other farm waste and turn them to ash.

The operational system of the new burners is so designed so as to prevent smoke and other emissions into the atmosphere. An air curtain circulates on top of the containers preventing any smoke emission from the burner. It is also designed to produce energy when attached to another appropriate equipment.

The shredders have been installed in Liwa and Zayed City, with a capacity of 50 cubic metres approximately, and are characterised by their ability to shred green waste and turn it into mulch and wood chips. Special cutting blades and fans ensure that the waste is shredded to reduce its volume.