

Waste Management

Green waste composting system



A green waste recycling system was completed at the Crown Entertainment Complex in December 2010. The system diverts over 62m³ (over 10 tonnes) of green waste from landfill every year.

By using an on-site green waste recycling system, Crown is making an important contribution to reducing the amount of waste disposed to landfill and the associated environmental effects.

If green waste is added to the normal waste stream, it will be dumped and capped in a landfill. Here, it will decompose without oxygen (anaerobically). The process

of anaerobic decomposition produces methane, a gas with a global warming potential 21 times more than carbon dioxide.

Crown's system collects and composts all green waste generated from landscape activities across the complex. The resulting organic fertiliser is then reused on site to assist in the growth of Crown's extensive gardens. This is important because these products help return important nutrients to the soil, without the need for artificial fertilisers. By mulching our garden beds we are also reducing the need to irrigate due to lower evaporation rates.

