

## GRAFTON ORGANICS RESOURCE RECOVERY FACILITY (ORRF)

This procedure has been developed to use as a guideline to assist management and personnel in the event of an environmental incident involving the Grafton Organics Resource Recovery Facility (ORRF). As stated, it is only a guideline and given the myriad of events that could result in an emergency, it may need to be modified to suit the situation. In the event of an emergency, the relevant emergency service responsible to control the situation may implement their own procedures.

### 1.0 OPERATION OF PROCEDURE

This procedure is to be used in conjunction with the “Emergency Procedures – General” document.

### 2.0 ASSESSMENT OF RISKS

There are two aspects of the ORRF which have the potential to become an environmental incident. These are the loss of leachate from the holding ponds and the spontaneous combustion of the processed green waste.

#### Fire in Green Waste

Procedures to manage the control of spontaneous combustion of green waste are documented within the “Emergency Procedure – General” document.

#### Leachate Pond Spill

Bund walls have been constructed on the lower side of the ponds to catch any overflow or escaped leachate, directing it into the landfill holding pond. In the event this pond overflows, the secondary catch pond will contain the runoff.

### 3.0 SITE PLAN



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### 4.0 LEACHATE POND ESCAPE MANAGEMENT PROCEDURE

The ponds are inspected daily for integrity, and levels with leachate transferred between ponds to ensure that levels are maintained preventing overflow. As required, leachate is pumped from the ponds onto the transpiration area, which in turn reduces pond levels.

In the event of an overflow or rupture of a pond, the ORRF Supervisor is to advise the Landfill Supervisor of the event.

The ORRF Supervisor is to transfer the remaining leachate from the overflowing or ruptured pond into the remaining two ponds, to a level which stops the escape of further leachate.

In the event of a ruptured wall where leachate cannot be fully transferred to other ponds stopping the flow, the ORRF Supervisor is to attempt to stem the flow of leachate by placing VENM (Virgin Excavated Natural Material) into the ruptured area of the wall, where possible the use of sandbags can be utilised.

Leachate which escapes the pond is directed into the main landfill catchment dam by a system of catchment walls (bunds). This prevents leachate from exiting the landfill and holds it within the landfill catchment system.

### 5.0 NOTIFICATION PROTOCOL – SENIOR MANAGEMENT

Once a pollution incident has been determined and the Senior Manager from Head Office advised the procedure “Environmental Incident Reporting” available on the company intranet and within Depot Emergency Manuals, must be implemented.

### 6.0 NOTIFICATION PROTOCOL – COUNCIL AND NEIGHBOURS

The Site Supervisor is to immediately contact the Landfill Supervisor of the incident.

The unplanned release of leachate from the pond system should pose no impact on neighbours as the substance will be contained within the landfill.

In the event of a fire in the compost, the Supervisor shall, on instruction from the Head Office Manager, contact local neighbours of the fire by door knocking or telephoning.