

DO NOT SCALE

- A weekly inspection of the level in the leachate storage tank is to be performed. Six monthly testing of the storage level sensor is to be performed.

It is noted that above ground tanks are preferred, however underground tanks are proposed in this case because the composting area is within a

The composting process will be undertaken in a weatherproof shed. There will therefore be no need to make provision for rainwater inflow to the leachate storage system. It is noted that rainwater from the weatherproof

5. Surface water controls

To avoid the generation of excessive leachate and to prevent any sediment

or pollutants from being carried off the premises

Minimum Design Requirements met as follows:

prevention of surface water mixing with organics will be achieved by undertaking

prevention of surface water mixing with organics will be achieved by:

- elevating the green waste shredding area above the internal road system in order to ensure that surface water does not run onto the green waste shredding area.

- the internal road and stormwater system is designed to collect and divert surface water away from the green waste shredding area. The

water runs away from the shredding area

For composting:
contamination of runoff will be prevented by undertaking the composting process and storage within a weatherproof building. The building will

treatment of runoff from the shredding area will be achieved by

system in order to ensure that surface water does not run onto the green waste shredding area.

divert surface water away from the green waste shredding area. The internal road has a central dish-drain in order to ensure that surface

For composting;

24-hour-period storm event will not be required because the composting operations are within a weatherproof building. The building will effectively prevent surface water mixing with the composting material.

For green waste shredding; management of surface water generated from the design of a 1-in-10 year,



volume. As runoff will not be heavily loaded with organic matter, water retained in the green waste shredding pond may be used as a supplementary supply for dust suppression on site.

The internal road and stormwater system is designed to collect and divert


has a central V drain in order to ensure that surface water runs away from the shredding area.

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 DENOTES PROPOSED BUILDING

 DENOTES EXISTING CONTOURS
 DENOTES PROPOSED SURFACE LEVELS

DD DENOTES HUMECEPTOR DOWNSTREAM DEFENSE

 COMPOSTING AND STORAGE SHED, CONCRETE FLOOR, DRAIN TO UNDERGROUND LEACHATE COLLECTION TANKS

- GREEN WASTE SHREDDING AREA, CONCRETE OR ASPHALT SURFACE, REFER TO DRAWING KE110816/C17



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