

Attachment-4-3-4-R and D Activity Capacity Calcs

D13 - Blending or mixing prior to submission to any of the operations number D1 to D12

Table 1: D13 Capacity Calculations

Capacity		
	Tonnes/day	Details
Gully sucking, street sweeping waste and street bins	32	Waste collected by street maintenance and public bin waste collections.
Roads maintenance	20	Typical waste generated by roads maintenance department comprising soils, concrete and bitumen.
Bulky waste (mainly from housing maintenance and river cleaning operations)	16	Waste collected from council housing maintenance and other council cleaning and maintenance requirements.
TOTAL	68	

Gully sucking and street sweeping waste material will be deposited in the relevant bays and the wash-water run-off will drain to the foul sewer. Once the liquid content has drained, the remaining solids will be placed in the dedicated skips. Street bin waste will be brought to the depot and deposited into dedicated compactors.

Waste collected by the road's maintenance department as part of current operations is typically 20 tonnes/day. This waste typically comprises soils, concrete and bitumen and will be appropriately segregated prior to removal from site.

Bulky waste is generated from housing maintenance and river cleaning operations as well as from other operations which the council carry out on a regular basis and as required.

The DCC operational activities will be carried out 7 days per week and 52 weeks per year.

Where possible, waste material will be transferred offsite for reuse, recovery or recycling. However, based on current operations, it's anticipated that the majority of waste from street cleansing activities will be disposed of to landfill. Approval for waste handling operations covered under D13 is sought in the event that off-site recovery options are unavailable.

D14 – Repackaging prior to submission to any of the operations numbered D1 to D13

D14 capacity calculations are as per Table 1 above.

Approval for waste handling operations covered under D14 is sought in the event that off-site recovery options are unavailable.

D15 – Storage pending any of the operations numbered D1 to D14

Table 2: D15 Capacity Calculations

Capacity		
	Tonnes	Details
Gully sucking, street sweeping waste and street bins	50	2 no. 35 cubic yd skips provided for gully sucking and street sweeping waste. Allowance of 15 tonnes per skip. 2 no. 35 cubic yd compactor skips provided for street bin waste. Allowance of 10 tonnes per compactor.
Street waste decanting areas	30	Additional street waste decanted prior to transfer to skips
Roads maintenance	60	3 no. 35 cubic yd skips provided for roads maintenance waste. Allowance of 20 tonnes per skip.
Bulky waste (mainly from housing maintenance and river cleaning operations)	60	3 no. 35 cubic yd skips provided for bulky waste. Allowance of 20 tonnes per skip.
TOTAL	200	

This is the Principal Activity.

Temporary waste storage on site pending onward transport will be carried out typically using 35 cubic yard (cyd) skips. Provision has been made for skips for each of the waste types as outlined above and typical skip weights have been determined based on similar operations currently ongoing.

Where possible, waste material will be transferred offsite for reuse, recovery or recycling. However, based on current operations, it's anticipated that the majority of waste from the above activities will be disposed of to landfill. Approval for waste handling operations covered under D15 is sought in the event that off-site recovery options are unavailable.

R12 – Exchange of waste for submission to any of the operations numbered R 1 to R 11

R12 capacity calculations are as per Table 1 above.

Approval is sought to permit the exchange of waste (such as basic sorting activities and compaction) received at the facility. Where possible, waste material will be transferred offsite for reuse, recovery or recycling.

R13 – Storage of waste pending any of the operations numbered R1 to R12

R13 capacity calculations are as per Table 2 above.

Temporary waste storage on site pending onward transport will be carried out typically using 35 cubic yard (cyd) skips. Provision has been made for skips for each of the waste types as outlined above and typical skip weights have been determined based on similar operations currently ongoing.

Where possible, waste material will be transferred offsite for reuse, recovery or recycling.

Summary

Waste received at the facility will be segregated where possible and placed into dedicated skips as outlined above. Approval is sought for the pre-treatment activities listed above such that incoming material will be sorted, segregated, compacted and temporarily stored pending removal off-site. All opportunities for reuse, recovery and recycling off-site will be sought, however approval is sought for off-site disposal and recovery in the event that recovery options are not available.

The annual quantities outlined for each waste activity set out above are for the total waste to be accepted at the facility such that the maximum intake quantity of waste will not exceed 24,950 tonnes per annum as set out in Attachment-4-3-6-Maximum Waste Accepted Calcs.