

Attachment-4-7-3-National BAT Waste Transfer

The North City Operations Depot will be operated in accordance with the EPA's *Final Draft BAT Guidance Note on Best Available Techniques for the Waste Sector: Waste Transfer and Materials Recovery* published in December 2011.

Measures to be employed at the NCOD Facility in accordance with this BAT Guidance Note are:

Site Location and Design Considerations:

As set out in the BAT Guidance Note, *"In selecting a suitable location for a waste transfer facility...the basic requirement is that the facility will not cause environmental pollution"*. The planning application prepared for the NCOD was accompanied by an Environmental Considerations Report which considered the potential for the proposed development to impact on the environment and identifies measures to reduce or limit these impacts. The Environmental Considerations Report is accompanied with this Waste Licence Application.

The potential emissions outlined in Section 4.2 of the BAT Guidance Note have been assessed, where relevant, in the Environmental Considerations Report.

Waste Acceptance Procedure:

A Waste Acceptance Procedure is included as Attachment-4-3-5 which sets out the measures to ensure only permitted waste types are accepted at the facility and that segregation and sorting of waste into dedicated containers is carried out. Records will be maintained of incoming and outgoing waste materials and will be reported as part of the Annual Environmental Report (AER) for the facility.

It is not proposed to install a weighbridge at the facility as all materials will be removed from the facility in skips/containers which can be either weighed using load cells on the vehicles and/or using a weighbridge at the off-site receiving facility. DCC will ensure that any waste hauliers removing waste from the facility will be able to provide detailed records, including weights, for any waste material removed from site. These records will be monitored and tracked to ensure compliance with the Waste Licence.

Energy Efficiency:

The Waste Licence facility will use only a small quantity of power for operating waste compactors. The waste compaction equipment will be maintained in good working order and serviced on a regular basis to ensure it is operating efficiently.

Minimisation of Emissions:

Emissions to Air:

Regular sweeping and cleaning of the NCOD facility and waste licence area will be carried out by Council staff to reduce potential for dust arising.

Best practice waste handling procedures, regular removal of waste from site and stringent facility management will limit the potential for odour emissions.

Emissions to Water:

Surface water run-off from hard standing areas will discharge into a storm sewer system via fuel/oil interceptors to eliminate the requirement for discharge to surface water bodies. Figure 7.1 in the Water Section (Section 7) of the Environmental Considerations Report identifies that the closest surface water body to the site is the Santry River which is located 0.5km to the north of the site.

Surface water run-off will be attenuated in accordance with SuDS principals to control discharge into the storm sewer network.

Details of stormwater emissions are included in this Licence Application and consultation has been carried out with Irish Water during the planning process. Detailed calculations on surface water run-off from the site are provided in the Engineering Services Report provided with this Licence Application.

Emissions to Sewer:

Wash-water and run-off from street cleaning waste management operations will be diverted to the foul sewer network. Emission limits for discharge to the foul sewer have taken account of the Irish Water *Discharge to Sewer: Guidance on applying for a Discharge to Sewer Licence* document.

Details of process emissions to sewer are included in this Licence Application and consultation has been carried out with Irish Water during the planning process. Detailed calculations on foul water generation from the site are provided in the Engineering Services Report provided with this Licence Application.

Noise & Vibration:

Equipment operations and vehicle access points have been located away from sensitive residential receptors to minimise noise impacts on the local population.