



CARLOW COUNTY COUNCIL

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**Environmental Licensing Programme,
Environmental Protection Agency,
PO Box 3000,
Johnstown Castle Estate,
Wexford**

Re: Waste Licence W0025-03, Powerstown Landfill, Carlow

1. Request to increase waste tonnage

In August 2012 Carlow County Council received approval from An Bord Pleanala for the following proposal

Continued operation of landfilling activities which will allow filling of the remaining constructed void space at the existing non-hazardous waste landfill. Other infrastructure on site includes a civic amenity facility, site offices, leachate and gas management systems, weighbridge and ancillary structures. The application is also for increasing the maximum annual waste input from 40,000 t/a to 50,000 t/a. It is not proposed to develop extra cells or to create extra landfill capacity.

A copy of the approval is attached, which allows for landfill activities until August 2018.

Carlow County Council now wishes to increase the licensed annual waste input from 40,000 t/a to 50,000 t/a and requests the Agency to carry out a Technical Review of Condition 1.4 of the above waste licence.

The increase in annual waste inputs is required in order to allow for increased tonnages as stated in planning approval. This increase will permit filling of void capacity at an earlier date and thus bring forward final capping works.

It is not proposed to carry out any works which will increase the landfill void capacity and therefore the remaining waste capacity will remain the same.

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The anticipated impacts of the requested amendment are as follows:

- Leachate generation will decrease due to the shorter fill period and bringing forward of final capping works.
- Landfill gas capture will increase due to the shorter fill period and bringing forward of final capping works.
- There will be no impact on surface water emissions
- There will be no impact on groundwater emissions
- Impacts on noise and dust will be negligible.

As part of planning approval, in 2012, an EIS was prepared by our specialist consultants. This examined the impact of continued operations at the 50,000 t/a waste input. Table 17.1 of the EIS confirmed that the proposal will have a neutral impact for 17 of 24 impacts examined. Any adverse impacts are localised in their extent and their significance can be described as slight. The table also outlines a number of positive impacts. A copy of the EIS is attached with this letter.

2. Request to amend waste acceptance types and tonnages

The existing waste licence allows for the following annual inputs:

- Household: 30,000 t
- Commercial: 7,000 t
- Treated Sewage Sludge: 500 t
- Construction and demolition: 1,000 t
- Industrial Non-hazardous solids: 1,500 t

We also wish to request a Technical Review which will amend the above limits to the following:

- Non-hazardous Household, Commercial and Industrial Solids: 48,500 t
- Treated Sewage Sludge: 500 t
- Construction and Demolition: 1,000 t


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Pat Connolly SEE
Landfill Manager
Powerstown Landfill
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22-5-2014
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