



W0017-04

**Licence Name:** Gortadroma Landfill Site,  
Limerick County Council

**Licence Register:** W0017-03

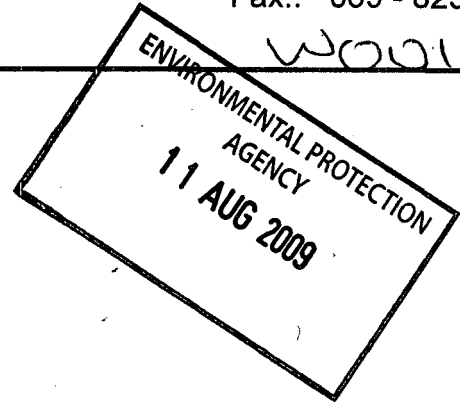
**Licence Condition:** N/A

**FAO:** Mr. Ewa Babiarczyk

**Prepared By:** John O Carroll

**Notification:** Total Waste Capacity- Gortadroma Landfill

**Date:** 10<sup>th</sup> August 2009



When providing the total waste intake capacity for Gortadroma landfill there are three different scenarios that must be looked at. These scenarios are as follows;

- Total Licence Capacity:

Limerick County Council received a waste licence 0017-03 from the EPA in September 2005, which provided for the extension of landfill by an additional 11 cells with a design capacity of 2,000,000 tonnes. The average compaction rate achieved at the site is 1 tonne per m<sup>3</sup> and this figure has been calculated from annual topographical surveys conducted at the site. Therefore, the licence capacity of the site is 2,000,000 m<sup>3</sup>.

- Total Capacity with planning:

An Bord Pleanála granted planning to develop 5 of these cells in March 2005 and requested additional information in relation to the other 6 cells. This additional information has not yet been submitted. The total design capacity of the 5 cells with planning is 1,000,000 m<sup>3</sup>. However, when filling these cells without adjacent cells to the south reduces the available capacity to 800,000 m<sup>3</sup>.

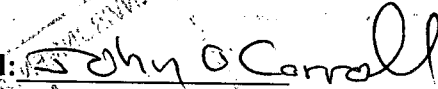
- Total developed Capacity:

Three of the 5 cells with planning (cells 14, 15 and 16) have been developed. The design capacity of these 3 cells is 750,000 m<sup>3</sup>. However, when filling these cells without adjacent cells to the east and south reduces the available capacity to 550,000 m<sup>3</sup>. The total amount of waste placed in cells 14 and 15 at the 31<sup>st</sup> of July 2009 was 152,000 tonnes at a compaction rate of 1 tonne per m<sup>3</sup>.

Copy: Tom Tarpey, Senior Engineer.

Therefore, the remaining void capacity of the 3 developed cells is 398,000 m<sup>3</sup>.

Signed:



**John O Carroll,  
Landfill Manager.**

*For inspection purposes only.  
Consent of copyright owner required for any other use.*

Copy: Tom Tarpey, Senior Engineer.