

W0067-02.

Ann Kehoe

Ann 16(3)(a)(i) reply

From: Hegarty Michael [mhegarty@MayoCoCo.ie]
Sent: 05 August 2009 10:39
To: Ann Kehoe; Ewa Babiarczyk
Cc: Denise O'Riordan; Granaghan Seamus; Munnely Eddie
Subject: Capacity at the landfill

Ewa,

Further to your correspondence to Director of Services, Environment, Mayo County Council, please see below details submitted to EPA office of Environmental Enforcement.

Regards,

Michael Hegarty,
Deputy Landfill Manager,
Rathroen Landfill,
Killala Road,
Ballina,
Co. Mayo.
 ++ 353 96 75095 ++353 87 2046722
 ++ 353 96 24056
 mhegarty@mayococo.ie

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From: Hegarty Michael
Sent: 29 July 2009 16:00
To: 'Denise O'Riordan'
Subject: RE: Capacity at the landfill

Denise,

1. What is the capacity of all cells, whether built or not which have full consent i.e both a waste licence and planning permission
 Can you provide this figure in m³ and tonnage with the compaction rate.

Calculated remaining capacity.

The most recent design for the landfill available from the consulting engineers shows the following void spaces available:

Cell No. 1	89,000tonnes(Completed and Perm capped)	111,250m ³
Cell No. 2	63,500tonnes	79,375m ³
Cell No. 3	162,000tonnes (Not built)	202,500m ³
Total	314,500tonnes	393,125m³
Void Space utilised		
Cell No. 1	89,000tonnes	111,250m ³

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Cell No. 2	50795.93tonnes	63494.91m ³
Cell No. 3	0tonnes	0m ³
Total Void Space utilized	139795 tonnes	174743.75m ³

expected compaction rate of 0.8 per ton

Total Void Space Remaining 31/12/08.	174705tonnes	218381.25m ³
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2. What is the predicted date of closure?

Year in which final capacity will be reached.

The remaining capacity of the landfill is 218,381.25m³. In the year ended 31/12/08 we accepted 18,904 tonnes of waste. Estimating that we will be accepting 19,000 tons per annum and an expected compaction rate of 0.8 per ton, we will be using 23,750m³ of capacity per year. This equates to a lifespan of 10.18 years. The final capacity of Rathroeen will therefore be reached in 2018. Should we accept 45,000 tonnes per annum then the remaining void space would be utilized in 4.6 years. The final capacity of Rathroeen will therefore be reached in 2012. The rationalization of landfilling within Mayo County Council means that once Cell 2 is completed landfilling will cease at Rathroeen and move to Derrinurera. Returning to start filling Cell 3 in 2011.

3. What forms the basis for the closure, e.g - Current intake / Capacity or Licence limit / Capacity or planning stipulation

As detailed above current intake rates are being used to determine the expected closure date.

For your information,

Regards,

Michael Hegarty,
 Deputy Landfill Manager,
 Rathroeen Landfill,
 Killala Road,
 Ballina,
 Co. Mayo.

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From: Denise O'Riordan [mailto:d.oriordan@epa.ie]
Sent: 16 July 2009 15:25
To: Hegarty Michael
Subject: FW: Capacity at the landfill

05/08/2009

Michael,

With respect to the Landfill directive report for 2009; Can you confirm the following :

As of the end of 2008;

1. What is the capacity of all cells, whether built or not which have full consent i.e both a waste licence and planning permission

Can you provide this figure in m3 and tonnage with the compaction rate.

2. What is the predicted date of closure? and

3. What forms the basis for the closure e.g - Current intake / Capacity or Licence limit / Capacity or Planning stipulation

The reason why we are asking for this again, is that we are aware from details submitted that there is confusion in the way this has been answered and we need to be certain before publishing that the details that we have are correct.

Regards,
Denise

Denise O' Riordan
Environmental Protection Agency,
OEE Inspector,
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Cork.

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