

Mr Philip Duffy
Senior Executive Officer
Wicklow County Council
County Buildings
Wicklow

Headquarters, PO Box 3000
Johnstown Castle Estate
County Wexford, Ireland
Ceannteathrú, Bosca Poist 3000
Eastát Chaisleán Bhaile Sheáin
Contae Loch Garman, Éire
T: +353 53 916 0600
F: +353 53 916 0699
E: info@epa.ie
W: www.epa.ie
LoCall: 1890 33 55 99

30 July 2010

W0011-02

RE: **Ballymurtagh Landfill**

Notice in accordance with Article 14(2)(b)(ii) of the Waste Management (Licensing) Regulations

Dear Mr Duffy,

I am to refer to the above referenced application for a waste licence relating to a facility at Ballymurtagh Landfill Facility, Ballymurtagh, Ballygahan Upper, Ballygahan Lower, Tinnahinch, Co. Wicklow. Having examined the documentation submitted, I am to advise that the Agency is of the view that the documentation does not comply with Article 12 and Article 13 of the Waste Management (Licensing) Regulations. You are therefore requested, in accordance with Article 14(2)(b)(ii) of the regulations, to take the steps and supply the information detailed below where it is available.

The following supplementary information will assist in confirming the site status and the potential residual risk to a wider environment from the landfill and allowing greater interpretation of information and justification for the proposed way forward:

1. All available borehole logs and well construction information (from original site investigation reports).
2. Well specific hydrographs (depth below surface and mAOD) and overall piezometric surface maps.
3. Cullen 1987 site investigation report for the quarry site pre-landfill development.
4. Pre-landfill survey information (base of landfill and basal structure location such as mine shafts).
5. Landfill cap design report or information (as built drawings).
6. Post landfill completion level survey information.
7. Landfill leachate level time serial data.
8. Post 2008 monitoring data for the landfill, including the Ballymurtagh adit (ammonium data is key).

9. All data for monitoring wells immediately to the east-northeast of the landfill (G1/04, RC6, G2/04 and MW).
10. All trace metal and metalloid data (if it was collected), for example arsenic and nickel which are expected to also be associated with the mine workings.
11. River water quality data (graphed) of landfill specific chemicals of potential concern and in particular ammonium, key trace metal and metalloids and pH.
12. The suggestion that groundwater sampled from monitoring wells down gradient of the landfill (well group including G1/04) sometimes has chemical or hydrocarbon odours requires supporting laboratory analysis data if available (e.g., speciated TPH, some VOC/sVOC results when such evidence is reported).

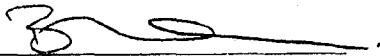
Your reply to this notice should include a revised non-technical summary (Application Form and EIS) which reflects the information you supply in compliance with the notice insofar as that information impinges on the non-technical summary.

In the case where any drawings already submitted are subject to revision consequent on this request, a revised drawing should be prepared in each case. It is not sufficient to annotate the original drawing with a textual correction. Where such revised drawings are submitted, provide a list of drawing titles, drawing numbers and revision status, which correlates the revised drawings with the superseded versions.

Please supply the information in the form of one original plus one copy in hardcopy format within 4 weeks of the date of this notice. In addition please submit sixteen (16) copies of the requested information to the Agency in electronic searchable PDF format on CD-ROM. Please note that all maps/drawings should not exceed A3 in size.

Please note that the application's register number is **W0011-02**. Please direct all correspondence in relation to this matter to Administration, *Licensing Unit, Office of Climate, Licensing & Resource Use, Environmental Protection Agency, Headquarters, PO Box 3000, Johnstown Castle Estate, County Wexford* quoting the register number.

Yours sincerely,



Mr Brian Meaney
Inspector
Office of Climate, Licensing & Resource Use