

Mr Peter Ogg
Shannon Vermicomposting Ltd
Coolross
Rathcabin
Co. Tipperary

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14/10/04

209-1

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

Dear Mr Ogg,

I am to refer to the above referenced application for a waste licence relating to a facility at Shannon Vermicomposting, Coolross, Rathcabin, Co. Tipperary. 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 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:

ARTICLE 12 COMPLIANCE REQUIREMENTS

1. Specify, by reference to the relevant European Waste Catalogue codes and provide clarification as to the codes of proposed wastes to be composted on site. Also, provide details of the residual municipal waste composted at the site, including details of the percentage contaminant material (including plastic, metal, glass, etc.).
2. Provide details of the proposed length of time which waste material will be composted during each stage of the vermicomposting process.
3. Amend Drawing No. 1208/A/PL/101. '*Site Layout Map*' to reflect your proposals regarding air abatement equipment and reflect the updated plan of the arrangement of aeration and vermicomposting tunnels, as discussed on site on 21st September 2004.
4. Provide details of the proposed odorous air abatement equipment: including materials of construction; operating regime; retention time; dimensions and proposed monitoring. In addition provide a summary of the sources and rate of all odorous airflows to the abatement equipment.

5. Clarify the status of the facility in relation to Regulation (EC) No. 1774/2002, in particular what measures are to be undertaken on-site to comply with the requirements of the regulation for treatment of classified waste material.
6. Clarify the status of your facility in relation to the Waste Management (Use of Sewage Sludge in Agriculture) regulations 1998 to 2001, in particular what measures are undertaken on-site to comply with the requirements of the regulations.
7. Provide details on a suitable scaled map of the proposed leachate collection and management systems: include direction of flow; tank volumes; and explain the operational control system. Give details of the predicted leachate and soiled water volumes arising from the waste treatment/storage bays and any concrete areas. Provide details of the storage and the proposed treatment/disposal.
8. Provide detail of the source and predicted quantity of water to be used on site.
9. Provide details of the predicted quantity of final compost material to be produced on site and details of the proposed end use.
10. Describe the contingency arrangements for the provision of backup and spares in the case of breakdown of critical equipment required for compost screening.
11. Provide details of the proposed blow separator / pasteurisation system. Describe the controls to be used during the process, also provide details regarding the movement of pasteurised liquid around the site.
12. Provide details of the scale of the on-site diesel generators and predicted usage.
13. Provide details of the aeration system to be installed within the composting bays of the waste reception building.
14. Please provide a site-specific risk assessment, based on clear, independent scientific evidence which shows that bioaerosol levels can be maintained at appropriate levels at the above proposed facility which may arise from the receipt and composting of green and other biodegradable waste. In your assessment, please provide evidence that this proposed operation will not have any negative impacts on the nearest sensitive receptor site, i.e. the residential property that is in the vicinity of the proposed facility or any proposed development adjacent to the site.
15. Describe how the finished compost will be packaged/contained and removed off site.

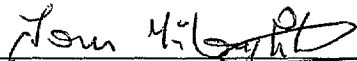
Your reply to this notice should include a revised non-technical summary which reflects the information you supply in compliance with the notice, insofar as that information impinges on the non-technical summary.

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 a one original plus three copies within **two months** of the date of this notice, in order to allow the Agency to process and determine your application.

Please note that the application's register number is **209-1**. Please direct all correspondence in relation to this matter to the *Licensing Unit, Office of Licensing & Guidance, Environmental Protection Agency, Headquarters, PO Box 3000, Johnstown Castle Estate, County Wexford* quoting the register number.

Yours sincerely,



Dr Thomas McLoughlin
Senior Inspector
Office of Licensing & Guidance