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3 June 2011

Reg. No. W0254-01

Re: Notice in accordance with Article 16(1) of the Waste Management (Licensing) Regulations

Dear Mr. Wall,

I am to refer to the above referenced application for a waste licence relating to a facility at Cemex (ROI) Limited, Walshestown, Blackhall, Tipperkevin and Bawnoge, Naas, Co. Kildare. The Agency is giving detailed consideration to the application and to complete this task the following information, particulars and evidence are required in accordance with Article 16(1) of the Regulations. Please provide the information as requested below.

ARTICLE 16(1) - FURTHER INFORMATION, PARTICULARS AND EVIDENCE

1. Provide details of the restoration works that have been conducted in the southern part of the site. Provide information on who conducted these works and what materials, including amounts, have been deposited. Provide drawings showing the nature and location of these restoration works.
2. Provide a drawing showing the location of the former silt lagoon on site.
3. Describe the quantity, location, extent, depth and nature of previously deposited waste. Illustrate the location on a drawing. State whether the waste will be removed. If not, provide justification for this in the form of a risk assessment in accordance with the Agency Code of Practice on Environmental Risk Assessment for Unregulated Waste Disposal Sites.
4. State how the LandSim model took the deposited waste into account. If not taken into account, and it is intended to leave the deposited waste in place, the model should be run again taking the deposited waste into account.
5. Provide drawings showing the location of proposed landfill cells and their formation levels.
6. Provide monitoring results of water quality in Ponds A1, A2, A3 and B including screening for list I/II substances listed in the Council Directive on the protection of groundwater against pollution caused by certain dangerous substances (80/68/EEC).



7. Describe how the landfill liner will be constructed in and around ponds A1, A2 and A3 given that these ponds might be a surface expression of groundwater. State the source of water in ponds A1, A2 and A3.
8. Provide drawings showing the design of the landfill liner. Provide the specification for the liner, including a liner proposed to be placed in the area of ponds A1, A2 and A3.
9. Provide details of the proposed works to be carried out on all existing water bodies on site. Provide details on elimination of groundwater from Pond A1, A2 and A3.
10. Provide details of the construction of the New Water Feature. Provide a drawing showing cross section(s) through this feature. Describe the manner in which water pumped from ponds A1, A2 and A3 will discharge/percolate to ground from the New Water Feature.
11. Describe the circumstances in which water from the New Water Feature will overflow to Pond B and how the overflow will be controlled.
12. Describe how the discharge to groundwater from the New Water Feature and pond B will comply with all requirements of the Groundwater Directives (80/68/EEC and 2006/118/EC) and the Environmental Objectives (Groundwater) Regulations, 2010. In particular, provide information on how Articles 4 and 5 of Directive 80/68/EEC will be complied with.
13. Provide a drawing showing the borehole the irrigation supply for the Punchestown racecourse is supplied from. Provide a symbol for this borehole.
14. Clarify the location of emission to groundwater GW8 and groundwater monitoring borehole BHA. Explain how GW8 and BHA will be monitored. State if boreholes BH9-09, BH10-09, BH11-09 and BH12-09 have been already constructed. Also provide a date for removal of boreholes BH5-07 and BH6-07.
15. Provide a drawing showing clearly all emissions to groundwater and groundwater monitoring locations. Use different symbols for emission points and monitoring locations. If there have been any new emission points or monitoring locations installed provide their description and grid reference numbers.
16. Provide a drawing clearly showing all emissions to surface water and surface water monitoring locations. Use different symbols for emission points and the monitoring locations. If there have been any new emission points or monitoring locations installed provide their description and grid reference numbers. Describe compliance with the Environmental Objectives (Surface Waters) Regulations, 2009.

In the case where any drawings already submitted are subject to revision consequent on this request for further information, 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. Your reply to this notice should include a **revised non-technical summary**, which reflects the further information you supply in compliance with the notice, insofar as that information impinges on the relevant non-technical summary.

Please supply the information in the form of a one original plus one copy within of **six weeks** of the date of this letter. In addition submit two copies of the requested information to the Agency in electronic searchable PDF format on CD-ROM. Please note that all maps and drawings should not exceed A3 in size.

Please note that the Agency is available to meet with the Applicant to discuss the licence application. Please also note that the application's register number is **W0254-01**. Please direct all correspondence in relation to this matter to Administration, *Licensing Unit, Office of Climate Change, Licensing & Resource Use, Environmental Protection Agency, Headquarters, PO Box 3000, Johnstown Castle Estate, County Wexford* quoting the register number.

Yours sincerely,



Ewa Babiarczyk

Inspector

Office of Climate Change, Licensing & Resource Use

