

Mr Mark Johnston
Senior Executive Engineer
Monaghan County Council
Water Services
County Offices
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Regional Inspectorate
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31 May 2010

D0347-01

re: Notice in accordance with Regulation 18(3)(b) of the Waste Water Discharge (Authorisation) Regulations 2007

Dear Mr Johnston

I am to refer to the above referenced application for a waste water discharge licence relating to agglomeration named Glaslough. Having examined the documentation submitted, I am to advise that the Agency is of the view that the documentation does not comply with Regulation 16 of the Waste Water Discharge (Authorisation) Regulations 2007.

You are therefore requested, in accordance with Regulation 18(3)(b) of the regulations, to take the steps to supply the information detailed below:

REGULATION 16 COMPLIANCE REQUIREMENTS

1. Clarify the frequency of sludge removal from the settlement ponds and method of sludge disposal;
2. Provide a summary of monitoring undertaken at the facility over the last twelve months, and provide a summary of the monitoring results including: influent flow rates, flow rates between ponds and effluent discharge rate, quality of effluent as sampled between ponds and the final effluent discharge to the receiving water, groundwater monitoring wells, lysimeters/piezometers, ambient receiving water etc.;
3. Provide a map of the integrated constructed wetland showing the location of all groundwater monitoring wells, lysimeters/piezometers installed on-site; include 6 digit national grid references, 6E, 6N.
4. Provide details of the maximum and average discharge parameter concentrations (including number of samples results are based upon) for BOD, COD, Suspended Solids, Orthophosphate, Total Phosphorus, Total Nitrogen and ammonia;

5. Provide details of site investigations undertaken, including trial holes and boreholes installed, soil testing, prior to construction of the Integrated Constructed Wetland. Provide a conceptual cross section of the site based on the investigations completed prior to construction and information gathered during construction. In addition provide details of confirmation testing undertaken during construction, including sign off of construction works; Provide details to demonstrate that permeability of the ponds is a minimum of $k=1 \times 10^{-8}$ m/s.
6. An emergency overflow is identified at the pumping station at the inlet works, clarify if this emergency overflow discharges to the receiving water or is directed to an integrated constructed wetland pond, include the grid reference of the discharge point; and
7. Demonstrate that the effluent discharge, via the primary discharge point, to the receiving water does not cause an exceedence of the European Communities Environmental Objectives (Surface Water) Regulations 2009 for parameters including BOD, Total Ammonia, and Molybdate Reactive Phosphorus (MRP).

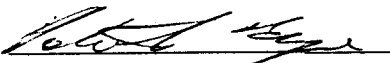
Your reply to this notice should include a revised non-technical summary which reflects the information you supply in compliance with the notice, insofar as that information impinges on the non-technical summary.

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 one copy within six weeks of the date of this notice. In addition please submit one copy of the requested information in electronic searchable PDF format on a CD-ROM (no file to exceed 10MB) to the Agency. Please note that all maps/drawings should not exceed A3 in size.

Please note that the application's register number is D0347-01. Please direct all correspondence in relation to this matter to *Administration, Environmental Licensing Programme, Office of Climate, Licensing & Resource Use, Environmental Protection Agency, Headquarters, PO Box 3000, Johnstown Castle Estate, County Wexford* quoting the register number.

Yours sincerely,



Patrick Byrne
Senior Inspector
Office of Climate, Licensing & Resource Use