

Mr Gerry Boyle
Meath County Council
County Hall
Navan
County Meath

3 June 2009

D0254-01

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

Dear Mr. Boyle,

I am to refer to the above referenced application for a waste water discharge licence relating to agglomeration covering **Ballivor** and its environs. 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:

ARTICLE 16 COMPLIANCE REQUIREMENT

Section A: Non-Technical Summary

- Update the non-technical summary to reflect the information provided in response to this notice.

Section C: Infrastructure and Operation

- Provide design discharge concentrations for the waste water treatment plant (BOD, COD, Suspended Solids, Total Nitrogen as N, Ammonia as N);

- Justify your conclusion that the storm water overflow complies with the definition of a storm water overflow as per *Procedures and Criteria for Storm Water Overflows*, published by the Dept. of the Environment, 1995 as stated in Table E.1 (ii) i.e. provide details of any hydraulic modelling, discharge monitoring/inspection data or design discharge frequency of storm water overflow;
- Submit details of the type of effluent monitoring and sampling facilities (including flow rate) provided at the waste water treatment plant;
- Provide an update of the plans to commission the sand filter, if any, and provide details of the resulting improvement in discharge concentrations (BOD, COD, Suspended Solids, Total Nitrogen as N, Ammonia as N, Total Phosphorus as P);
- Clarify (providing a timescale) whether the NEC discharge pumping station is/is planned to be in operation;
- Clarify the arrangement for out of hours supervision of the waste water treatment plant;

Section D: Discharges to the Aquatic Environment

- Provide date(s) when all monitoring as reported in Table D.1(i)(b) and Table D.1(i)(c) was carried out.

Section E - Monitoring

- There were no assimilative capacity calculations submitted in the application. Provide assimilative capacity calculations (BOD, Total Nitrogen as N, Ammonia as N, Orthophosphate) for the primary discharge to the stream (known locally at the Ballivor River);
- Clarify why the temperature reading was 0°C on primary, upstream and downstream monitoring;

Note: Any *telephone enquiries* in relation to the above should be directed to **John McEntagart** at the number above.
All *written communications and replies* should be directed to Patrick Morris, Office of Climate, Licensing & Resource Use, EPA, McCumiskey House, Richview, Clonskeagh Road, Dublin 14.

- Provide primary discharge monitoring data for 2009 to date. (BOD, COD, Total Suspended Solids, Total Phosphorus, Total Nitrogen, Ammonia). Provide an explanation why the Total Phosphorus concentrations in the primary discharge in 2008 were greater than the design concentration of 0.5mg/l (Attachment E4 'Ballivor Effluent Monitoring 2008, 16 Jan 08 to 18 Dec 08');
- Provide dilution factor in stream (95-percentile flow of stream/ DWF of sewage to the waste water treatment plant). Identify the measures in place or to be implemented to reduce the impact of the waste water treatment plant discharge. This should include consideration of the transfer of the discharge to a larger stream, if necessary.

Section F: Existing Environment & Impact of the Discharge(s)

- Determine if there is likely to be a significant impact from the waste water discharges (primary and storm overflows) on the Natura 2000 site (SAC). You shall use the flow diagram in Circular L/08, issued by Water Services Section, Department of Environment, Heritage and Local Government, to assist in this determination. Provide answers to each question on this flow diagram in addition to the final answer. If there is likely to be a significant impact on the Natura 2000 site, based on the flow diagram referenced above, then you must undertake an appropriate assessment. An Agency guidance note on Appropriate Assessment is available on <http://www.epa.ie/downloads/forms/lic/wwda/>. This assessment should address the impacts of the waste water discharges and proposed mitigation measures with respect to the conservation objectives of the Natura 2000 site in the vicinity of the waste water discharges. A copy of the circular is attached;

Section G: Programme of Improvements

- Provide an update on progress with sewer network project proposed for 2010.

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Section H: Declaration

- Complete Section H: Declaration and scan the signed declaration for electronic submission.

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 8 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 to the Agency. Please note that all maps/drawings should not exceed A3 in size.

Please note that the application's register number is D0254-01. Please direct all correspondence in relation to this matter to *Patrick Morris, Office of Climate, Licensing & Resource Use, Environmental Protection Agency, McCumiskey House Richview, Clonskeagh Road, Dublin 14* quoting the register number.

Yours sincerely,



Loretta Joyce
Inspector
Office of Climate, Licensing & Resource Use

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