

Mr. Mark Johnston  
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The Glen  
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16 April 2009

D0205-01

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 the agglomeration covering Castleblaney 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:

#### **REGULATION 16 COMPLIANCE REQUIREMENTS**

1. Update the non-technical summary to reflect the information provided in response to this notice and amend references to 'River Boyne'.
2. Please provide the name of the agglomeration to which the Waste Water Discharge Licence Application relates. Please also amend, if necessary, the name of the agglomeration on the Waste Water Licensing Web based data tool.
3. Reference is made to an Environment Impact Statement (EIS) currently being prepare in respect of plant upgrade, provide an update on progress towards completion of the EIS and identify a completion date, if completed please submit copies. Clarify the timescale for completion of plant upgrades with particular reference in the Water Services Investment Programme 2007-2009 which identifies the scheme as commencing in 2008.

4. Provide justification for not using the maximum population equivalent (weekly) calculated in the Table entitled 'Seven Day Flow & Load Survey: Castleblaney WWTP'.
5. Provide an update on the funding for the proposed upgrade and provide a copy of the 'Preliminary Report' and any responses from the DoEHLG in relation to the report.
6. Complete Section F.2 Tabular Data on Drinking Water Abstraction Point(s) in respect of abstraction from Lough Ross (Newry Water Treatment Plant) and River Fane (Enniskeen Water Treatment Plant). Provide details in relation to the zone of contribution and potential risks from the waste water discharge on water quality for all abstractions identified. In addition re-submit Drawing no. 15 identifying all abstraction points.
7. Amend G.3, as appropriate, to reflect the situation with respect to the Castleblaney waste water works, clarify the statement that 'there are currently no plans/timetables for any capital works, recommendations have been made in the preliminary report'.
8. The figures presented in Table D.1(i)(a) for 'normal/day' and 'maximum/day' do not match the figures presented for January 2007 section B.9.1, Attachment C.1, or the figures used in the assimilative capacity calculations. Please clarify what are the appropriate figures and amend the relevant sections as necessary, in particular amend the assimilative capacity calculations to reflect the appropriate figures.
9. Clarify the source of the dichloromethane figure presented in Table D.1(i)(c), assess compliance with the Water Quality (Dangerous Substances) Regulations 2001 and identify measures undertaken to address the elevated concentration identified.
10. Clarify the number of combined sewer overflows in the agglomeration and outline works completed to remove the combined sewer overflows identified in the Castleblaney Catchment Report.
11. Clarify the 'frequency of discharge (days/annum)' as presented in Table E.1(ii).
12. Assess the design criteria of the storm water overflows. Demonstrate (providing available evidence) whether all storm water overflows meet the design criteria established in 'Procedures and Criteria for Storm Water Overflows', published by the Dept. of the Environment, 1995. Clarify whether there are screens on all of the overflows and identify any SWOs that may be impacting on surface water quality. Where a storm water overflow does not comply with these guidelines, give details of the plans, for improvement.

13. In relation to the pumping stations provide the following details:

- (i) the emergency power generation capacity and standby pumping capacity at the pumping station (in the event of power failure or pump malfunction);
- (ii) the measures to be undertaken in the event of a power failure or pump malfunction;
- (iii) the storage capacity, and storage time in hours, at the pumping station; and
- (iv) clarify whether the emergency overflow from the pumping station has been known to activate in the last 12 months. If so provide the reason for the activation, and give details of the frequency, duration and discharge volumes, where available.

14. Clarify and justify the background concentrations for all parameters identified in the assimilative capacity calculations, in particular identify the source of the median background ortho-phosphate figure of 0.2mg/l. Recalculate the assimilative calculations based on revised background figures that reflect the concentration upstream of the discharge, as necessary. In addition address the reference in the Castleblaney Catchment Report that there was elevated ortho-phosphate and nitrate upstream of the discharge.

15. On page 55 of 58 of the licence application it is stated that a modelling report is currently being drafted, provide a copy of the model report.

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.

## REGULATION 12 REQUIREMENT

I am to advise you of a failure of compliance with Regulations 11(c), of the Waste Water Discharge (Authorisation) Regulations 2007. In particular a site notice shall be erected or fixed in a conspicuous position adjacent to a public road at the point nearest to the waste water treatment plant, so as to be easily visible and legible by persons using the public road and shall not be obscured or concealed at any time.


The Agency therefore requires you, in accordance with Regulation 12 of the regulations, to

- Erect and maintain a site notice in a conspicuous position adjacent to the public road, for a period of at least one month in accordance with Regulation 11 of the Waste Water Discharge (Authorisation) Regulations 2007; and
- Submit a site map showing the location of the site notice, a dated photograph of the site notice in position and a copy of the text of the site notice.

Please supply all the information requested above, in accordance with Regulation 12 and 18, in the form of a one original plus one copy **within 6 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 D0205-01. 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**  
**Inspector**  
**Office of Climate, Licensing & Resource Use**