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Monaghan County Council
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County Offices
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30 June 2008

D0062-01

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

Dear Mr. McCarthy

I am to refer to the above referenced application for a waste water discharge licence relating to the agglomeration covering Carrickmacross 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 REQUIREMENTS

Section A: Non-Technical Summary

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

Section B – General Information

- Please provide the name of the agglomeration to which the Waste Water Discharge Licence Application relates.

Section B.1

- Provide the details of the DBO contractor, where available. Provide any other updated information/changes in relation to the planned upgrade works.

Section B.5 – Location of Storm Water Overflow Points

- The grid reference required for each SWO (labelled as SW3-SW12) under Section B.5 is the grid location of the actual discharge point of the SWO rather than the location of the SWO itself. Please clarify the basis for the grid references given in Section B.5 and provide a revised map showing the location of the discharge points.

Section B.10 – Capital Investment Programme

- Section B.10 of the application details a programme of works for the expansion of Carrickmacross waste water works and Carrickmacross sewerage scheme, please provide an update of the proposed developments. Clarify if the proposed outfall pipeline forms part of the above developments and if the proposed sewerage scheme will result in all, or some, of the SWO becoming redundant, please identify which SWO.

Section C.2 - Outfall Design and Construction

- For pumping stations within the agglomeration provide details of the following:
 - (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.

- Assess the design criteria of storm water overflows SW-3 to SW-12 inclusively. 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.

Section D – Discharges to the Aquatic Environment

- Complete Table D.1(i)(a) and table D.1(i)(b) for the existing primary discharge (current emission) and the proposed primary discharge (following WWTP upgrade).
- Complete Table D.1(i)(c) for the existing primary discharge based on sample results.
- Provide details of the predicted concentration of total nitrogen in the emission from the proposed WWTP.
- Provide information on any landfill leachate introduced to the treatment works. Indicate the approximate quantities of leachate accepted and the source(s) of the leachate. Outline any operating procedures for acceptance of leachate.
- Provide details of any other tankered wastes delivered to the treatments works.

Section E - Monitoring

- Identify on a suitable scaled map the location of the upstream and down stream surface water monitoring points.
- Provide details of the upstream and down stream surface water sample results taken in the past 12 months based on the table entitled "Sampling Schedule Wastewater Monaghan County Council".

Section F – Existing Environment and Impact of the Discharges

- Carry out assimilative capacity calculations for the existing and proposed primary discharge. 95thile flow shall be used to calculate the capacity of the receiving waterbody for BOD, Suspended Solids, Total nitrogen, COD, and total phosphorus. In addition a calculation shall be presented for the capacity of the surface water body based on the 50th percentile flow for ortho-phosphate which is considered to represent the standard for molybdate reactive phosphate. Provide a comparison between the assimilative calculation results for the existing and proposed (after WWTP upgrade) primary discharge.
- Indicate whether or not emissions from the agglomeration or any plant, methods, processes, operating procedures or other factors which affect such emissions are likely to have a significant effect on a designated site (as identified on page 19 of 25 of the licence application form). Provide details of any correspondence engaged in with the National Parks and Wildlife Service in relation to a determination as to the likelihood of discharges from the waste water works having a significant effect on a European site.

- Review the EIS for the plant upgrade works and provide an updated statement as to the impact of the planned discharges on the receiving waters, taking into account any recent background monitoring data or changes in water quality standards, where applicable or any other data which has become available since completion of the EIS. Provide a copy of the most recent water quality management plan or catchment management plan in place for the receiving water body.
- Provide a statement as to whether or not emissions or main polluting substances (as defined in the Dangerous Substances Regulations S.I. No. 12 of 2001) to water are likely to impair the environment.
- In relation to identification of downstream drinking water abstraction, identify the current extraction of drinking water from Moynalty Lough and complete the data required under section F.2 Tabular Data on Drinking Water Abstraction Point(s). Assess the impact of emissions from the agglomeration on the quality of the water abstraction.

Section G – Programmes of Improvements

- For all SWOs, other than the surface water overflow at the WWTP, designated in the licence application provide a detailed timescale for compliance of each SWO with the minimum specified design criteria (i.e. less than 6 spills per year) or for removal of the SWO from the system.

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 9, of the Waste Water Discharge (Authorisation) Regulations 2007. In particular a period of more than two weeks has elapsed between the publication of the notice and the making of this application (date of receipt of licence application fee, 14/01/08). In addition there are twelve emission points identified in your application however there are only ten identified in the newspaper notice.

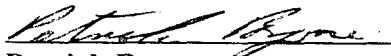
The Agency therefore requires you, in accordance with Regulation 12 of the regulations, to

- Publish a further newspaper notice in accordance with Regulation 10 of the Waste Water Discharge (Authorisation) Regulations 2007; and
- Submit an original page of the newspaper in which the revised newspaper notice is placed.

Please supply all the information requested above in the form of a one original plus one copy within 5 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 D0062-01. 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