



Eastern Regional Fisheries Board
Bord Iascaigh Réigiúnach an Oirthir

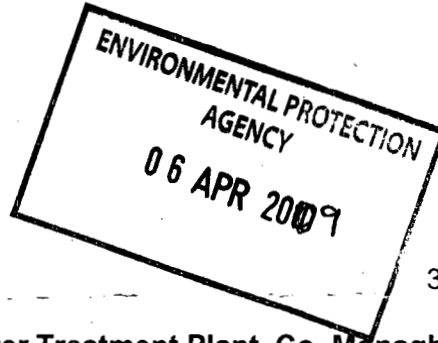
Sub ①



Fisheries Ireland
Our Natural Heritage

Administration,
Environmental Licensing Programme,
Office of Climate, Licensing & Resource Use,
Environmental Protection Agency,
PO Box 3000,
Johnstown Castle Estate,
Co. Wexford.

Our Ref: MK/2.1.b



3rd April, 2009

Re: Carrickmacross Wastewater Treatment Plant, Co. Monaghan
Waste Water Discharge Licence Application
Register No. D0062-01

Dear Sir/Madam,

We refer to the correspondence received from Monaghan County Council dated 11th December, 2008 in relation to the above mentioned application.

Having examined the information submitted we have the following comments to make:

Summary of treatment Process; page 3 of 25

We note that the applicant states that the treated effluent is discharge to the River Blackwater, this should read the Proules River.

Proposed discharge to Longfield River

As part of the proposed expansion of the existing waste water treatment plant Monaghan County Council proposes to discharge the final effluent to the Longfield River downstream of Monalty Lake.

The Board is concerned about the limited assimilative capacity in the Longfield River given the proposed discharge volumes from the waste water treatment plant. The estimated 95th percentile flow in the river is 0.11m³/s and the mean flow is 0.981m³/s compared to the effluent discharge flow of 0.0717m³/s (Table D.1(i)(a)). This figure is also likely to rise to 0.215m³/s (page 69 of E.I.S March 2006)

The limited assimilative capacity will be of particular concern during periods of low flow in the receiving water.

Environmental Impacts – Water Quality

We note that only the River Proules, Lough na Glack and Monalty Lake are referred to. The fishery value of the river, which flows into the Longfield River upstream of Monalty Lake, has been omitted.

The Eastern Regional
Fisheries Board

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This river is un-named on the Ordnance Survey Discovery map but is known locally as the Longfield/Rossdrenagh River. The river rises northwest of Carrickmacross and is a very productive tributary of the River Glyde, in fishery terms. The local geology of the area, Carboniferous Limestone, influences the water chemistry, which in turn has a positive influence on the quality of the aquatic fauna. Good physical characteristics include a healthy riparian zone, adequate loose gravels for spawning and quality nursery areas, all of which are contained in the river. Fish stock surveys and Salmon Redd counts are carried out regularly on the river and numbers of both illustrate that the river is a highly productive salmonid nursery. Salmon parr travel downstream from the Longfield/Rossdrenagh River through Monalty Lake and the Longfield River on their journey out to sea while adult Salmon travel in the opposite direction to spawn.

Given the fisheries/aquatic habitat value of the River Proules, the Longfield River, Lough na Glack and Monalty Lake it is vital that the proposed expansion will not have a negative impact on the receiving water.

We trust you will take our observations on board when assessing this application.

Yours faithfully,

Michaela Kiwae

S.F.E.O.

p.p.

Pat Doherty,
Chief Executive Officer

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