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DESCRIPTION DOCUMENT
OF
PROPOSED DEVELOPMENT
AT INISHKEEN SEWAGE TREATMENT WORKS

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MON. CO. CO.
PLANNING SECTION
- 8 DEC 2005
REG. NO. 05/8021

Contractor:
Treatment Systems Services Limited,
Canices Court,
Dean Street,
Kilkenny

Client:
Monaghan County Council,
County Offices,
The Glen,
Co. Monaghan

Ref: 1656

Description of the Proposed Development:

1. Introduction:

In accordance with the provisions of Part 8 of the planning and development regulations 2001 (Article 83(1) (a)) this document describes the nature and extent of the proposed development at the Inishkeen Sewage Treatment Works.

It is proposed to upgrade the existing treatment plant at Inishkeen to cater for a population equivalent of 1500. The upgraded plant will treat the incoming wastewater to a tertiary treated quality (as outlined in Table 1.1 below) prior to discharging to the river Fane.

Table 1.1 Final Quality Standard

Characteristic	Units	Design Limit
Biochemical Oxygen Demand (BOD5)	mg/l	10
Suspended Solids	mg/l	10
Total Nitrogen (as N)	mg/l	15

The incoming Wastewater is physically, chemically and biologically treated as follows (See attached Block Schematic Diagram):

- Inlet screening and pumping
- Biological treatment using the activated sludge and MLE process.
- Chemical Precipitation of Phosphorous
- Sand Filtration
- Outlet Flow measurement and Sampling
- Sludge conditioning and dewatering using a filter belt press.

2. Location Details:

A site location map and layout plan is attached.

Table 2.1 Location Details

County:	Monaghan
Parish:	Inishkeen
Townland:	Lacklom
OS Sheet Number:	29/14
NGR:	H 937 067



**MONAGHAN COUNTY COUNCIL PLANNING & DEVELOPMENT
REPORT ON THE EXTENSION TO INNISKEEN WASTE WATER TREATMENT
WORKS COMPRISING; NEW ABOVE GROUND TANKS AND ACCESS GANTRY,
HIGH LEVEL SAND FILTER, PLANT AND CARETAKER BUILDING, NEW
ENTRANCE, PALLISADE FENCING TO BE PROVIDED AROUND TREATMENT
PLANT AND ASSOCIATED SITE WORKS AT
LACKLOM, INNISKEEN, CO. MONAGHAN**

**This report has been prepared in accordance with Part VIII of the Planning and
Development Regulations (S.I. No. 600 of 2001) and is being submitted to the
members of Monaghan County Council in the course of compliance with Section
179 of the Planning & Development Act 2000**

A. Nature and extent of the proposed development and the principal features thereof:

The development consists of an extension to the Inniskeen wastewater treatment plant comprising of new above ground tanks and access gantry, high level sand filter, plant and caretaker building, new entrance, fencing to be provided around treatment plant and associated works at Lacklom, Inniskeen.

B. Evaluation of the likely implication of the proposed development with respect to the proper planning and development of the area:

The proposed development is adjoining the existing wastewater treatment plant. Access to the site is proposed via a new roadway. Views of the existing and proposed site/structures are available, by virtue of the topography of the land. To mitigate the visual impacts a landscaping scheme has been proposed. The visual impact of the proposal will be limited, having regard to these points and the restricted size and form of the structures proposed.

The proposal involves the relocation of the access route to the plant, creating a new access point to the south west. It is not considered that this will impact unduly upon the dwelling to the south west of this access point and will in fact improve road safety from the development

The nearest dwelling is located to the south west of the application site. The current distance between the dwelling and the existing sludge bed is 90 metres approximately. The distance between the dwelling and the new structures of the sludge tank, plant building and settling tank will be 77m, 84m and 87m respectively. It is considered that subject to the satisfactory environmental safeguards being implemented in conjunction with the development the development will not have a significant material impact upon the dwelling. Although not a determining factor it is noted that the applicant constructed the dwelling in full knowledge of the positioning of the existing waste water treatment system.

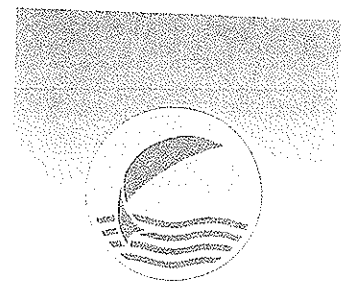
The proposed infrastructure will allow the further development of the area which is in accordance with the development strategy for the County

C. List of the persons/bodies who made submissions/observations with respect to the proposed development:

ERFB has submitted a response. The submission includes the following points -:
welcomes the proposal to upgrade the treatment plant and note that the proposal includes the chemical precipitation of phosphorus in the treatment process. Recommend that all chemicals be adequately stored, that the board is consulted in relation to backside or in stream works, and precautions are taken during construction works to prevent discharges of solids or matters to the watercourse. Important to ensure that the development does not have a negative impact on the River Fane.



Eastern Regional Fisheries Board
Bord Iascaigh Réigiúnach an Oirthir



Fisheries Ireland
Our Natural Heritage

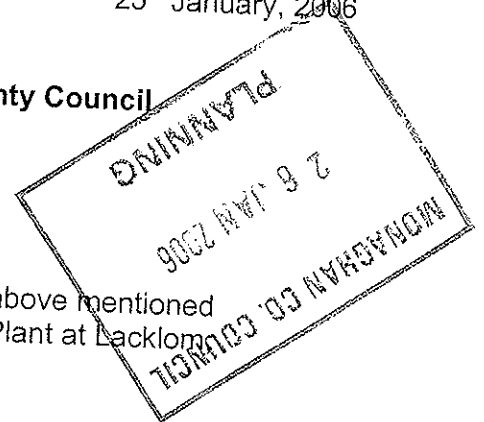
Planning Department
Monaghan County Council
County Offices
Glen Road
Monaghan

Our Ref: MK/Fane/Planning

25th January, 2006

Re: Planning Application – Monaghan County Council

Ref: 05/8021



Dear Sir/Madam,

We refer to your letter dated 9th January last in relation to the above mentioned application for extension to Inniskeen Wastewater Treatment Plant at Backlomb Inniskeen.

The Board welcomes the proposal to upgrade the treatment plant. We note the proposal includes the Chemical precipitation of Phosphorous in the treatment process.

We would ask that the following issues are taken on board when determining the application:

- All chemicals should be stored in adequately bunded areas.
- The Board should be consulted in relation to any bandside or instream works that may take place during the construction phase.
- All precautions should be taken during the construction phase to prevent discharges of suspended solids or any other deleterious matter to watercourses.

The treated effluent from the plant discharges to the River Fane. As this river is a valuable salmonid river, it is important to ensure that the proposed development does not have a negative impact on the aquatic habitat.

Please inform the Board of your full decision in due course.

Yours faithfully

Nicholas Kiwae O.F.E.D.

PP- Pat Doherty
Acting Chief Executive Officer

The Eastern Regional
Fisheries Board
15a Main Street
Blackrock
Co. Dublin
T: (01) 278 7022
F: (01) 278 7025
E: info@erfb.ie
www.fishingireland.net