

## Licensing Action - Reg 18(3)(b) Notice Sent - 4 for Churchtown and Environs Licence (D0444-01)

**Licence:** Churchtown and Environs (D0444-01)

**Status Reason:** Open

**Issued On:** 12/11/2013

**Due Date:** 31/01/2014

**Action Type:** Licensing Action

**Status History Action:** Reg 18(3)(b) Notice Sent

Dear Applicant

I refer to your application for a waste water discharge licence relating to agglomeration named Churchtown and 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, as amended.

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

#### Question

Provide a desktop conceptual model characterising the hydrogeology of the percolation area at Churchtown WWTP using the Source-Pathway-Receptor Model. The model can be based on existing information and/or data and should include the location of the percolation pipes in relation to rock. The potential pathways for waste water discharge to sensitive receptors such as drinking water abstractions and streams should be included in the model. Guidance on the Source-Pathway-Receptor model is provided in the *Guidance on the Authorisation of Discharges to Groundwater*, published by the EPA.

#### Associated Documents

#### Question

Provide Primary discharge monitoring results for the last year - BOD, COD, Suspended Solids, Orthophosphate and Ammonia.

#### Associated Documents

## Question

The hydraulic loading of the discharge on the percolation area is much higher than the loading identified in the EPA's *Code of Practice: Wastewater Treatment Systems for Single Houses*, calculate the hydraulic loading of the discharge on the percolation area ( $\text{m}^3/\text{day}$  and  $\text{l}/\text{m}^2/\text{day}$ ) and assess whether the percolation area has a capacity to accept the calculated hydraulic loading.

## Associated Documents

Please supply the information by 31/01/2014. Please note that all maps/drawings should not exceed A3 in size.

Please direct any queries that you may have in relation to the above to the Inspector Loretta Joyce or to OCLR Admin Team E.

Yours sincerely

Loretta Joyce

Environmental Licensing Programme

Office of Climate, Licensing & Resource Use

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