



Uisce Éireann  
Bosca OP 448  
Oifig Sheachadta na  
Cathrach Theas  
Cathair Chorcaí

Irish Water  
PO Box 448,  
South City  
Delivery Office,  
Cork City.

[www.water.ie](http://www.water.ie)

Conor Phillips  
CSEA Consulting Engineers  
Seafort Lodge  
Castledawson Avenue  
Blackrock  
Co. Dublin

19 February 2020

Dear Mr Phillips,

**Re: Connection Reference No 2340790475 pre-connection enquiry -  
Subject to contract | Contract denied**

**Connection for a Housing Development of 1350 unit(s) at Barnhill Lap, Barnhill, Co. Dublin.**

Irish Water has reviewed your pre-connection enquiry in relation to a water connection at Barnhill Lap, Barnhill, Co. Dublin.

Based upon the details that you have provided with your pre-connection enquiry and on the capacity currently available in the network(s), as assessed by Irish Water, we wish to advise you that, subject to a valid connection agreement being put in place, your proposed connection to the Irish Water network(s) can be facilitated.

### **Water**

A connection to the existing network is feasible subject to:

- Upgrade approximately 310m of existing 200mm Nominal Bore to a new 300mm Nominal Bore main along Barnwell Road as well as a new 300mm Nominal Bore main along the proposed distributor road.
- Reconfiguration of the boundaries of the surrounding District Metering Areas.

The customer is also advised that there is an existing water main within the confines of the site. The customer will be required to survey the site to determine the exact location of the water main. Any trial investigations shall be carried out with the agreement and in the presence of the Local Water Services Department on behalf of Irish Water.

Detailed layouts to Irish Water Codes of Practice will be required to determine whether a diversion of the existing water main is required. A diversion of an Irish Water asset will be subject to the customer entering into a diversion agreement with Irish Water.

This Confirmation of Feasibility to connect to the Irish Water infrastructure does not extend to your fire flow requirements. Please note that Irish Water cannot guarantee a flow rate to meet fire flow requirements and in order to guarantee a flow to meet the Fire Authority requirements, you should provide adequate fire storage capacity within your development.

## **Wastewater**

The customer is advised that Irish Water has no wastewater infrastructure adjacent to the proposed site. A new connection to the existing network is feasible subject to network extension and upgrade.

The extension would include a rail crossing of the adjacent railway line on the north and provide connection to the existing 375mm Irish Water sewer in Ongar Road. The customer is advised that if a connection to 3rd party infrastructure is required, the customer is required to provide all permissions, full capacity report and a condition report.

An upgrade of the existing 375mm Foul Sewer to a 700mm Foul Sewer on Ongar Road is required for approximately 900m. Size of the upgrade is subject to the finalisation of the modelling assessment.

Irish Water does not have any plans, in the current Capital Investment Programme (CIP), to undertake upgrades to facilitate this connection. Should you wish to progress upgrades and associated works, Irish Water may require you to provide a contribution of a relevant portion of the costs for the required upgrades.

All infrastructure should be designed and installed in accordance with the Irish Water Codes of Practice and Standard Details. A design proposal for the water and/or wastewater infrastructure should be submitted to Irish Water for assessment. Prior to submitting your planning application, you are required to submit these detailed design proposals to Irish Water for review.

You are advised that this correspondence does not constitute an offer in whole or in part to provide a connection to any Irish Water infrastructure and is provided subject to a connection agreement being signed at a later date.

A connection agreement can be applied for by completing the connection application form available at **[www.water.ie/connections](http://www.water.ie/connections)**. Irish Water's current charges for water and wastewater connections are set out in the Water Charges Plan as approved by the Commission for Regulation of Utilities.

If you have any further questions, please contact James O'Sullivan from the design team on 022 52269 or email [jameosull@water.ie](mailto:jameosull@water.ie). For further information, visit [www.water.ie/connections](http://www.water.ie/connections).

Yours sincerely,



**Maria O'Dwyer**

**Connections and Developer Services**