

Norman Irvine  
 Rear 6B Arbourfield Terrace  
 Dundrum Business Park  
 Dublin 14  
 Dublin  
 D14F5C6

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)

13 October 2021

**Re: CDS21006547 pre-connection enquiry - Subject to contract | Contract denied**

**Connection for Housing Development of 11 unit(s) at The Priory & Leabeg, Kiltipper Road, Dublin**

Dear Sir/Madam,

Irish Water has reviewed your pre-connection enquiry in relation to a Water & Wastewater connection at The Priory & Leabeg, Kiltipper Road, Dublin (the **Premises**). Based upon the details you have provided with your pre-connection enquiry and on our desk top analysis of the capacity currently available in the Irish Water network(s) as assessed by Irish Water, we wish to advise you that your proposed connection to the Irish Water network(s) can be facilitated at this moment in time.

SERVICE	<b>OUTCOME OF PRE-CONNECTION ENQUIRY</b> <b><u>THIS IS NOT A CONNECTION OFFER. YOU MUST APPLY FOR A CONNECTION(S) TO THE IRISH WATER NETWORK(S) IF YOU WISH TO PROCEED.</u></b>
Water Connection	Feasible without infrastructure upgrade by Irish Water
Wastewater Connection	Feasible without infrastructure upgrade by Irish Water
<b>SITE SPECIFIC COMMENTS</b>	
Water Connection	Connection to the water network will be carried out via the 160mm uPVC water main approximately 6m from the site boundary to the South.  This confirmation of feasibility to connect to the Irish Water infrastructure does not extend to your fire flow requirements.
Wastewater Connection	There is a gravity sewer approx. 32m from the subject site to the North as per mapping submitted by the applicant. It is the responsibility of the applicant to verify the sewer sizing.  The elevation levels of the foul sewer and subject site are to be verified by the applicant to ensure that a gravity connection can be carried out.

It is the responsibility of the applicant to obtain all relevant permissions required to connect to the IW network through third party lands prior to the connection works taking place.

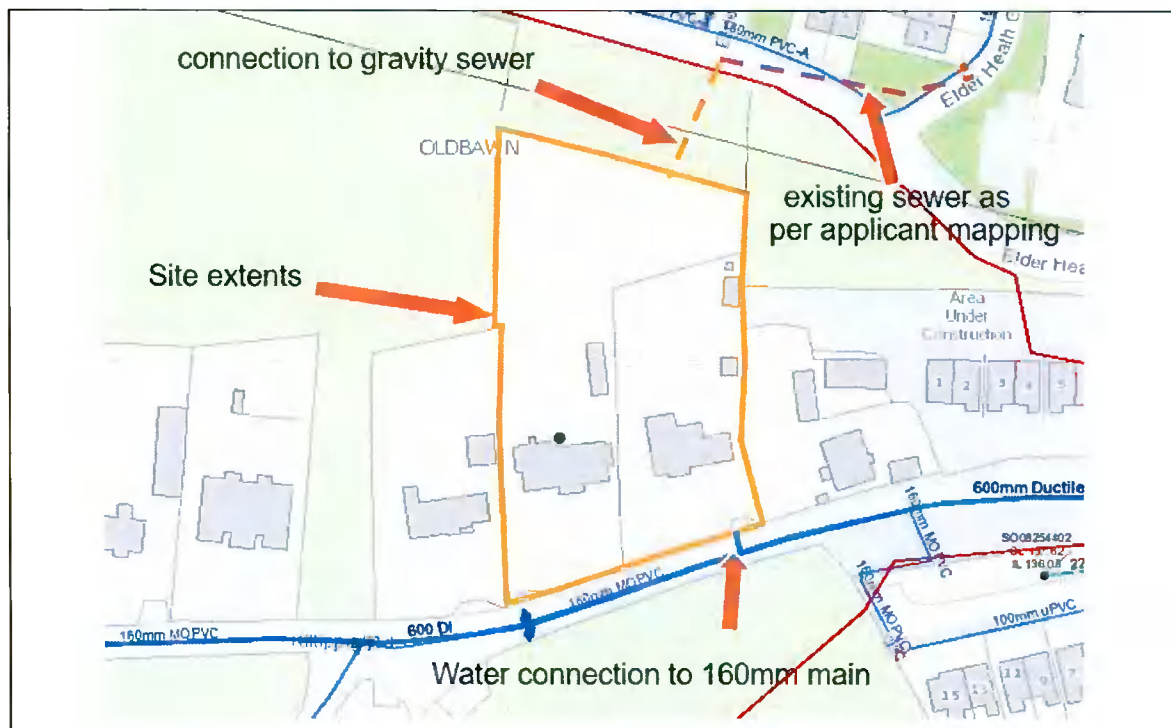
The proposed wastewater connection is connecting to Irish Water infrastructure through third party infrastructure not owned by Irish Water. Prior to connection the customer is to provide a letter to Irish Water from the third party owner confirming the following:

- (a) The customer has permission to connect to the third party infrastructure
- (b) The third party infrastructure has sufficient capacity to cater for the additional load
- (c) The third party infrastructure is of sufficient integrity to take the connection and the additional load

Storm water is to be discharged to the adjacent storm network

The design and construction of the Water & Wastewater pipes and related infrastructure to be installed in this development shall comply with the Irish Water Connections and Developer Services Standard Details and Codes of Practice that are available on the Irish Water website. Irish Water reserves the right to supplement these requirements with Codes of Practice and these will be issued with the connection agreement.

The map included below outlines the current Irish Water infrastructure adjacent to your site:



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Whilst every care has been taken in its compilation Irish Water gives this information as to the position of its underground network as a general guide only on the strict understanding that it is based on the best available information provided by each Local Authority in Ireland to Irish Water. Irish Water can assume no responsibility for and

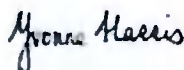
give no guarantees, undertakings or warranties concerning the accuracy, completeness or up to date nature of the information provided and does not accept any liability whatsoever arising from any errors or omissions. This information should not be relied upon in the event of excavations or any other works being carried out in the vicinity of the Irish Water underground network. The onus is on the parties carrying out excavations or any other works to ensure the exact location of the Irish Water underground network is identified prior to excavations or any other works being carried out. Service connection pipes are not generally shown but their presence should be anticipated.

**General Notes:**

- 1) The initial assessment referred to above is carried out taking into account water demand and wastewater discharge volumes and infrastructure details on the date of the assessment. **The availability of capacity may change at any date after this assessment.**
- 2) This feedback does not constitute a contract in whole or in part to provide a connection to any Irish Water infrastructure. All feasibility assessments are subject to the constraints of the Irish Water Capital Investment Plan.
- 3) The feedback provided is subject to a Connection Agreement/contract being signed at a later date.
- 4) A Connection Agreement will be required to commencing the connection works associated with the enquiry this can be applied for at <https://www.water.ie/connections/get-connected/>
- 5) A Connection Agreement cannot be issued until all statutory approvals are successfully in place.
- 6) Irish Water Connection Policy/ Charges can be found at <https://www.water.ie/connections/information/connection-charges/>
- 7) Please note the Confirmation of Feasibility does not extend to your fire flow requirements.
- 8) Irish Water is not responsible for the management or disposal of storm water or ground waters. You are advised to contact the relevant Local Authority to discuss the management or disposal of proposed storm water or ground water discharges
- 9) To access Irish Water Maps email [datarequests@water.ie](mailto:datarequests@water.ie)
- 10) All works to the Irish Water infrastructure, including works in the Public Space, shall have to be carried out by Irish Water.

If you have any further questions, please contact Kevin McManmon from the design team at [kmcmanmon@water.ie](mailto:kmcmanmon@water.ie) For further information, visit [www.water.ie/connections](http://www.water.ie/connections).

Yours sincerely,



**Yvonne Harris**

**Head of Customer Operations**





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Tionscadail Innealtóireachta agus Mórthionscadail  
Aon Lárcheantar Aerfort Bhaile Átha Cliath,  
Clochrán, Co. Bhaile Átha Cliath, K67 XF72, Éire  
Fón +353 1 703 8000

Engineering and Major Projects.  
One Dublin Airport Central, Dublin Airport,  
Cloghran, Co. Dublin, K67 XF72, Ireland  
Phone +353 1 703 8000

Our Ref: PE452-F225-1-10080

20<sup>th</sup> October 2021

The Peter McVerry Trust,

**By Email to Kieranb@fkp.ie**

***Re: Proposed Residential Development in proximity to span 45-46 of the Carrickmines-Dunstown 220 kV Transmission Line at Kiltipper Road, Tallaght, Dublin 24, Co. Dublin.***

A Chara,

Further to your enquiry to ESB Networks in relation to a proposed residential development at the above address, folios DN151F, DN17585 and DN17587 refers.

The 220 kV Transmission Line is the Carrickmines-Dunstown 220 kV Span 45-46 with Tower No. 45 located to the East of the proposed development.

#### **Design Clearances**

I have carried out the required ESB's 220 kV Electrical Safety Building Clearance Calculations with reference to Span 45-46 of the Carrickmines-Dunstown 220kV Transmission Line based on the drawing "20-23-P-100 Site Plan + Site Location Plan (2).pdf" received 19/10/2021.

- The proposed houses as per the drawing above are located at 30m perpendicular distance from the 220 kV centreline, the centreline in this case is the middle overhead conductor/wire.
- If trees are to be planted adjacent to or under the transmission lines, they should be of the dwarf type. The reason for this is that trees will have to be lopped if they infringe on ESB's Electrical Safety Clearances (maximum height allowed for trees is 3m).

The above clearances are site and location in span specific and should not be applied within other Transmission Line Spans or Sites.

**Prior to works commencing on site including enabling works ESB Networks / this Office should be contacted to ensure that safe working procedures and methodologies are in place on site regarding the 220 kV OHL.**



**Please ensure that any revisions to the planned works (i.e. Building dimensions including heights and locations relative to the 220 kV Transmission Line, finished ground levels etc.) are re-issued to this Office / ESB Networks for review prior to any works commencing to ensure all of the above electrical clearances have been adhered to.**

**Based on the above ESB would have no objection to the proposed residential development.**

Further buildings, garages, garden sheds etc. must not be built within 30m of the 220 kV Transmission Line centreline without first receiving clearances from this Office.

No ground level alterations are permitted beneath the 220 kV Transmission Line without prior consultation with this Office / ESB Networks, this is to ensure that ESB's 220 kV Electrical Safety Clearances Requirements are not compromised.

#### **Construction Safety**

A soft copy of the ESB Networks, HSA booklet "Code of Practice for Avoiding Danger from Overhead Electricity Lines" is enclosed with this letter issued via email, particular attention should be made to sections 7 & 8.

The hazard zone must be separated from the rest of the site. The hazard zone in this case for a 220 kV line is 10m from the outer conductor of the Transmission Line. Bunting, warning signs, barriers and crossing points must be erected as per figures 5 and 6 from the previously mentioned code of practice.

We are informing you of the dangers involved in working under or adjacent to overhead lines. Recommended methods and procedures are set out in this pamphlet which, if adopted will provide a positive approach to the elimination of accidents / tragedies.

Extreme care should be taken when operating machinery which have extendable booms or high working radius, examples of these would include but not be limited to excavators, elevators, screeners, crushers, cranes, hiabs, loading shovels, tractor-loaders, drilling rigs, and Teleporters. Extreme caution is also advised when operating dumpers and tipping bodies close to overhead power lines. Please notify your local ESB office if in any doubt regarding the use of this type of machinery adjacent to ESB Transmission Lines.





TV aerials, palisade fences, lighting columns, goalposts, security cameras etc. must not be erected in the vicinity of the 220 kV Transmission Line without first receiving clearances from this Office.

Building material, soil, spoil, etc. must not be stored under the line.

**It is essential that whoever has overall responsibility for work on the site i.e. you, your consultants, your contractors, etc. contacts this Office / local ESB Networks Transmission Office to agree safe working procedures prior to construction works commencing.**

#### **Other ESB Services**

It is essential that contact is made with your local ESB Networks office regarding any other ESB services, i.e. Overhead Lines and Underground Cables which may be present on site, contact details are provided in Annex 5 of the previously mentioned Code of Practice.

Thank you for consulting with ESB regarding the proposed development

Should you need any further information or clarifications please do not hesitate to contact me on 087-1461175.

Yours sincerely,

*Daniel King*

**Daniel King  
Transmission and Distribution Engineering,  
ESB Engineering and Major Projects**

Copy:

Mr. P. Moran, Construction Supervisor HV/MV Lines and Cables, Project Delivery Dublin, ESB Networks, Inchicore, Co. Dublin.

Mr. A. Brown, Engineering Officer, HV/MV Lines and Cables, Project Delivery Dublin, ESB Networks, Inchicore, Co. Dublin.

Mr. K. O'Shea, Team Leader, Transmission and Distribution Engineering, ESB Engineering and Major Projects, 6 Eastgate Avenue, Little Island, Co. Cork

Encl: ESB Networks/HSA booklet "Code of Practice for Avoiding Danger from Overhead Electricity Lines"

