

Appendix A.8.7

Pre Connection Enquiry Feedback

Letter Ref: CDSCOF1

Fintan O Meara,
National Roads Design Office,
Galway County Council
c/o Clíodhna Ní Mhurchú,
Arup,
Corporate House,
City East Business Park,
Ballybrit,
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Uisce Éireann
Bosca OP 860
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na Cathrach Theas
Cathair Chorcaí

Irish Water
PO Box 860
South City
Delivery Office
Cork City

www.water.ie

19th April 2017

Dear Sir/Madam,

Re: CUST17262 Pre-connection enquiry – Subject to contract | Contract denied

Connection of the proposed N6 GCTP Lackagh Quarry Tunnel, Coolough Road, Menlo, Galway

Irish Water has reviewed your pre-connection enquiry in relation to a wastewater connection for the N6 GCTP Lackagh Quarry Tunnel (**the Premises**). Based upon the details you have provided with your pre-connection enquiry and on the capacity currently available 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 can be facilitated.

The proposals submitted involve the connection of a pumping station and rising main to the IW wastewater network. The proposed pumping station and rising main will serve trade effluent type loadings generated from tunnel leakage, tunnel wash down and also foul wastewater generated from a proposed tunnel control building.

The Irish Water feasibility analysis has reviewed 3 No. Connection Location options as requested. The 3 No. Connection Location options are as follows:

- Option 1: Connection to an existing IW foul sewer (225mm) located at the Crestwood Housing Estate on Coolough Road.
- Option 2: Connection to an existing IW foul sewer (150mm) located in the Carraig Bán Housing Estate, Coolough.
- Option 3: Connection to an existing IW foul sewer (450mm) near the Bóthar an Choiste junction with the N84 Headford Road.

The 3 No. location options can facilitate the proposed wastewater connection. The pumping arrangement of the proposed pumping station and

rising main should ensure that excessive residence time in the wet well and rising main, which might give rise to septic conditions, does not occur. Generally the combined residence time in the wet well and the rising main should be less than six hours. The design of the pumping station should satisfy the Irish Water Code of Practice for Wastewater Infrastructure. It is noted that the proposed discharge may require a Trade Effluent to Sewer Discharge Licence to be in place prior to connection being made. This will deal with the requirements for a hydrocarbon interceptor/pre treatment prior to discharge. The applicant is advised to visit <https://www.water.ie/for-business/trade-effluent/> in this regard.

Before completing the design of water services infrastructure at the Premises you are advised to contact Irish Water.

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. Irish Water's current charges for water and wastewater connections are set out in the Water Charges Plan as approved by the Commission for Energy Regulation.

If you have any further questions, please contact James O Malley from the design team at jomalley@water.ie. For further information, visit www.water.ie/connections

Yours sincerely,

Maria O'Dwyer
Connections and Developer Services

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19th May 2017

Dear Sir/Madam,

Re: CUST17262 Pre-connection enquiry
Subject to contract / contract denied

**Connection of the proposed N6 GCTP Lackagh Quarry Tunnel,
Coolough Road, Menlo, Galway**

Irish Water has reviewed your pre-connection enquiry in relation to a water and wastewater connection for the N6 GCTP Lackagh Quarry Tunnel (**the Premises**). Based upon the details you have provided with your pre-connection enquiry and on the capacity currently available 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 can be facilitated.

The wastewater connection proposals submitted involve the connection of a pumping station and rising main to the IW wastewater network. The proposed pumping station and rising main will serve trade effluent type loadings generated from tunnel leakage, tunnel wash down and also foul wastewater generated from a proposed tunnel control building.

The Irish Water feasibility analysis has reviewed 3 No. Connection Location options as requested. The 3 No. Connection Location options are as follows:

- Option 1: Connection to an existing IW foul sewer (225mm) located at the Crestwood Housing Estate on Coolough Road.
- Option 2: Connection to an existing IW foul sewer (150mm) located in the Carraig Bán Housing Estate, Coolough.
- Option 3: Connection to an existing IW foul sewer (450mm) near the Bóthar an Choiste junction with the N84 Headford Road.

The 3 No. location options can facilitate the proposed wastewater connection. The pumping arrangement of the proposed pumping station and

rising main should ensure that excessive residence time in the wet well and rising main, which might give rise to septic conditions, does not occur. Generally the combined residence time in the wet well and the rising main should be less than six hours. The design of the pumping station should satisfy the Irish Water Code of Practice for Wastewater Infrastructure. It is noted that the proposed discharge may require a Trade Effluent to Sewer Discharge Licence to be in place prior to connection being made. This will deal with the requirements for a hydrocarbon interceptor/pre treatment prior to discharge. The applicant is advised to visit <https://www.water.ie/for-business/trade-effluent/> in this regard.

The customer proposes to construct a 100mm diameter watermain connection to the existing 150mm diameter network on the Coolough Road. This proposed connection can be facilitated.

The confirmation of feasibility to connect to the Irish Water infrastructure does not extend to your fire fighting flow requirements. To guarantee a flow to meet the Fire Authority requirements you should provide adequate fire storage capacity within your development.

Before completing the design of water services infrastructure at the Premises you are advised to contact Irish Water.

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. Irish Water's current charges for water and wastewater connections are set out in the Water Charges Plan as approved by the Commission for Energy Regulation.

If you have any further questions, please contact James O Malley from the design team at jomalley@water.ie. For further information, visit www.water.ie/connections

Yours sincerely,

Maria O'Dwyer
Connections and Developer Services

PRE CONNECTION ENQUIRY FEEDBACK

Subject to Contract/ Contract Denied

Applicant Name : Fintan O Meara, National Roads Design Office,
Galway County Council c/o Hazel King, Arup

Customer Reference : CUST16396

Development Address : N6 Ballybrit Racecourse Tunnel East

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Irish Water have completed an initial desktop assessment of the details provided in the pre-connection enquiry form regarding the above referenced development and have considered its impact on potable water and wastewater infrastructure as appropriate. This initial assessment has indicated the following outcome:

SERVICE	OUTCOME OF PRE-CONNECTION ENQUIRY
Potable Water Connection	An assessment on feasibility of connection to the watermain network has not been requested for this location.
Wastewater Connection	A connection is feasible to the IW network. Please see site specific comments below.
SERVICE	SITE SPECIFIC COMMENTS
Site Specific Water Connection Comments	N/A
Site Specific Waste Water Connection Comments	<p>A connection is feasible to the existing IW 375mm diameter concrete foul network via the proposed pumping station and rising main connection as presented in the layout submitted with the Pre Connection Enquiry.</p> <p>It is noted that the the pumping station and rising main should ensure that excessive residence time in the wet well and rising main, which might give rise to septic conditions, does not occur. Generally the combined residence time in the wet well and the rising main should be less than six hours. The applicant shall submit design proposals on control of septicity at connection application stage.</p> <p>It is noted that the proposed discharge may require a Section 16 Licence to be in place prior to connection being made. This will deal with the requirements for a hydrocarbon interceptor/pre treatment prior to discharge. The applicant is advised to visit www.water.ie/tradeeffluent in this regard.</p>

General Notes: (1) 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. (2) The feedback provided is subject to a connection agreement/contract being signed at a later date. (3) A connection agreement will be required prior to commencing the connection works associated with the enquiry. (4) A connection agreement can be applied for by completing the connection application form available from your relevant Local Authority. (5) The design and construction of the water and wastewater pipes and related infrastructure to be installed in this development shall comply with the Irish Water Connection and Developer Services Standard Details that are available of 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. (6) Irish Water does not allow connection of storm water drains to its sewerage network. You are advised to contact the relevant Local Authority to discuss the storm water Connection. (7) The

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Galway,
H91 K5YD

23rd October 2017

Dear Sir/Madam,

Re: 3399628453 Pre-connection enquiry
Subject to contract / contract denied

Connection of the proposed N6 West Site Compound, Letteragh Road, Galway

Irish Water has reviewed your pre-connection enquiry in relation to a water connection for the N6 West Site Compound, Letteragh Road, Galway (the **Premises**). Based upon the details you have provided with your pre-connection enquiry and on the capacity currently available 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 can be facilitated.

The enquiry received relates to the feasibility of connecting to the Irish Water 300mm diameter watermain network at a point on the Letteragh Road approximately 600m south of the proposed site compound. The proposed 80mm diameter service connection may require water boosting infrastructure to be installed on the service connection when the elevation of the proposed site compound is considered against the elevation of the Irish Water reservoir which supplies this area. The requirement for this can be confirmed at connection application stage.

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. Irish Water's current charges for water and wastewater connections are set out in the Water Charges Plan as approved by the Commission for Energy Regulation.

If you have any further questions, please contact James O Malley from the design team at jomalley@water.ie. For further information, visit www.water.ie/connections

Yours sincerely,

Maria O'Dwyer
Connections and Developer Services

