

Health & Safety Authority
The Metropolitan Building,
James Joyce Street,
Dublin 1
D01 K0Y8

Classon House, Dundrum Business Park,
Dublin 14, D14 T9T0, Ireland
phone: +353 1 485 1400
email: info@jbbarry.ie
web: www.jbbarry.ie

Date: 28 March 2023

Re: CASTLETROY WASTEWATER TREATMENT PLANT UPGRADE

Notice of application under Section 37E of the Planning and Development Act 2000 (as amended) by Uisce Éireann, formerly known as Irish Water for the approval by An Bord Pleanála for a period of 10 years for development at Dromore, Castletroy, Limerick. The development comprises of upgrades to Castletroy Wastewater Treatment Plant to increase the capacity of the existing plant and will consist of increased capacity stormwater and foul pumps in the existing main lift pump station; upgrading of inlet works to include new screens, additional vortex grit removal lane, grit classifier, air blower, discharge skip and odour control equipment; new forward feed pump station; primary filters building and odour control equipment; primary sludge storage tank; stormwater storage tank, storm tank cleaning system, storm overflow screen and storm water return pumping station; flood event pump station including increasing the wall height of the existing final effluent sampling chamber structure; scum removal pumping station; additional chemical dosing tank and ancillary equipment, interconnecting pipework (rising mains and gravity) and valves; internal road area including surface water drainage and attenuation; retrofitting the existing aeration basins with integrated fixed-film activated sludge (IFAS) technology including a media support system and new fine bubble diffused air; retrofitting of existing secondary clarifiers to provide baffles and bridge; replacement of the existing sludge dewatering equipment and provision of 3 no. skip units (covered), with odour control equipment; new picket fence thickener and re-purposing of an existing picket fence thickener to a thickened sludge storage tank; site lighting (both task lighting and road lighting); roof mounted solar panels on primary filters building; landscaping; and all associated site development works including ancillaries and excavation works above and below ground for the proposed works. The project will be constructed in the Castletroy Agglomeration area licenced under the Waste Water Discharge (Authorisation) (WWDA) Regulations 2007 (Licence D0019-01). This application relates to a proposed development which requires a review of the existing WWDA Licence. An Environmental Impact Assessment Report (EIAR) and Natura Impact Statement (NIS) have been prepared in respect of the proposed development and will be submitted to the Planning Authority with the application.

Dear Sir/Madam,

We act on behalf of Uisce Éireann, formerly known as Irish Water who are to applying to An Bord Pleanála for a 10-year planning permission for development at Dromore, Castletroy, Limerick. The development comprises of upgrades to Castletroy Wastewater Treatment Plant to increase the capacity

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Directors: Liam Prendiville BE CEng FIEI DipPM DipH&G FConSEI (Managing), Maurice O'Donoghue BE Eur Ing CEng FIEI DipPM FConSEI, Martin Hogan BSc(Hons) MSc CChem FRSC FCIWM MIEI MinstD Eamon Daly BE MEngSc CEng MIEI, Anne Marie Conibear BE MBP CEng MICE FIEI RConSEI, Garry Flood BSc(Eng) CEng MIEI, Michael Hand BE MBA PhD(hc) Eur Ing CEng FIEI FICE FCWEM FIAE CDir MIOd
Technical Directors: Jerome O'Brien BE Eur Ing CEng FIEI MStructE FConSEI, Gordon Barry BE Dip Arb Euring CEng CEnv Csci CWEM FCIARB FIEI FCWEM AMIChemE, Marcus Fagan BEng CEng MIEI, Tim Finn BE CEng MIEI, Séamus Donaghy LLB BA BSc Dip OSH MICE CMIOASH
Associate Directors: Kieran O'Dwyer BE MIEI, Paul Judge BSc MSc(Eng) CEng MIEI, Ben Gaffney BE MEng CEng MIEI, Peter Morehan BE CEng MIEI PMP, Ross Kinsella BA BAI DipPM CEng MIEI, Deirdre O'Hara BSc MSc HDip PM CEng MIEI PGeo EurGeol, William Lalor BSc(Eng) DipEng CEng MIEI, Gabriel Dooley BE CEng MIEI Euring, Tom Cannon BEng(Hons) CEng MIEI

Also at: 3 Eastgate Road, Eastgate Business Park, Little Island, Co. Cork, T45 KH74, Phone: +353 21 475 7800, E-mail: cork@jbbarry.ie
Unit 14C, N5 Business Retail Park, Moneen Road, Castlebar, Co. Mayo, F23 YY39, Phone: +353 94 906 8950, E-mail: castlebar@jbbarry.ie
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of the existing plant and will consist of increased capacity stormwater and foul pumps in the existing main lift pump station; upgrading of inlet works to include new screens, additional vortex grit removal lane, grit classifier, air blower, discharge skip and odour control equipment; new forward feed pump station; primary filters building and odour control equipment; primary sludge storage tank; stormwater storage tank, storm tank cleaning system, storm overflow screen and storm water return pumping station; flood event pump station including increasing the wall height of the existing final effluent sampling chamber structure; scum removal pumping station; additional chemical dosing tank and ancillary equipment, interconnecting pipework (rising mains and gravity) and valves; internal road area including surface water drainage and attenuation; retrofitting the existing aeration basins with integrated fixed-film activated sludge (IFAS) technology including a media support system and new fine bubble diffused air; retrofitting of existing secondary clarifiers to provide baffles and bridge; replacement of the existing sludge dewatering equipment and provision of 3 no. skip units (covered), with odour control equipment; new picket fence thickener and re-purposing of an existing picket fence thickener to a thickened sludge storage tank; site lighting (both task lighting and road lighting); roof mounted solar panels on primary filters building; landscaping; and all associated site development works including ancillaries and excavation works above and below ground for the proposed works. The project will be constructed in the Castletroy Agglomeration area licenced under the Waste Water Discharge (Authorisation) (WWDA) Regulations 2007 (Licence D0019-01). This application relates to a proposed development which requires a review of the existing WWDA Licence. An Environmental Impact Assessment Report (EIAR) and Natura Impact Statement (NIS) have been prepared in respect of the proposed development and will be submitted to the Planning Authority with the application.

Following pre-application consultations under Section 37B of the Planning and Development Act 2000 (as amended) we have been directed by An Bord Pleanála that you should be notified of the application in advance of lodgement and be provided with a copy of the application in question.

We enclose 1 no. digital copy on USB with this letter for your records. If you require any further copies, please do not hesitate to contact us. Details of the proposed application are also available to view at the following website:

www.water.ie/castletroywwtp-docs

Please note that An Bord Pleanála, following consideration of the application can decide to:

- a) (i) grant the permission/approval, or
- (ii) make such modifications to the proposed development as it specifies in its decision and grant permission/approval in respect of the proposed development as so modified, or
- (iii) grant permission/approval in respect of part of the proposed development (with or without specified modifications of it of the foregoing kind),

and any of the above decisions may be subject to or without conditions, or

- b) refuse to grant the permission/approval.

Submissions and observations may be made in writing to An Bord Pleanála, 64 Marlborough Street, Dublin, D01V902, or online at www.pleanala.ie. during the period of seven weeks commencing 6th April 2023 relating to:

- (i) the implications of the proposed development for proper planning and sustainable development, and
- (ii) the likely effects on the environment of the proposed development, and
- (iii) the likely significant effects of the proposed development on a European site, if carried out.



Any submissions/observations must be accompanied by a fee of €50 (except for certain prescribed bodies) and must be received by the Board not later than 5.30 p.m. on the 25th May 2023. Such submissions / observations must also include the following information:

- The name of the person making the submission/observation, the name of the person acting on his/her behalf, if any, and the address to which any correspondence relating to the application should be sent;
- The subject matter of the submission/observation; and
- The reasons, considerations and arguments on which the submission or observation is based in full.

Please do not hesitate to contact us if you have any queries.

Yours sincerely,

Paul Judge
Associate Director
J. B. Barry and Partners Limited