

Planning Compliance Section,
South Dublin County Council,
County Hall Tallaght,
Dublin 24,
D24A3XC

21st April 2023

RE: PRE-COMMENCEMENT PLANNING COMPLIANCE SUBMISSION
PLANNING REF: SD22A/0363
CONDITION REF: 03 & 08
LOCATION: Liffey Valley, Fonthill Road, Clondalkin, Dublin 22, Co. Dublin
DEVELOPMENT: Proposed Unmanned Service Station

Dear Sir/Madam,

McArdle Doyle Limited

Second Floor
Exchange Building
The Long Walk
Dundalk, Co Louth

mail@mcardle-doyle.ie
+353 (0) 42 942 9052

1.0 INTRODUCTION

Please find enclosed **Pre-Commencement Planning Compliance Submission** in respect of **Conditions 03 & 08** of planning permission for South Dublin County Council **Reg. Ref. SD22A/0363** relating to Proposed Service Station development at Liffey Valley, Fonthill Road, Clondalkin, Dublin 22.

This submission is made by McArdle Doyle on behalf of our client, Certas Energy Ireland. It is noted that the Notification to Grant Permission Final Grant was issued dated 31.03.23

The development description is noted as the following;

'A new unmanned service station development consisting of construction of new petrol filling station forecourt with 4 dispensers, 2 underground fuel storage tanks with canopy structure (covering c. 235sq.m and 6.2m in height) with associated signage; Widen existing site entrance to the north-east of the site and creation of new egress location onto the Fonthill Road along the northern boundary to allow one-way internal road network incorporating new pedestrian crossing over existing footpath at site egress location; Automatic brush car wash and adjoining jet car wash with water recycling system; Single storey services building structure comprising of a car wash plant room and comms room area (gross floor area 16.3sq.m.) ; 4 electric charging bays, each comprising of a parking space and electric vehicle charging unit and associated signage; 3-room ESB substation to cater for EV charging infrastructure (gross floor area 38.3sq.m.); Air/Water services area with 2 car parking spaces; 2 internally illuminated double-sided totem signs, 1 at site entrance (4m high x1.91m wide) with advertising area 15.3sq.m and 1 adjacent the new site egress location (5.8m high x 1.91m wide) with advertising area 22.16sq.m; All other associated underground and overground infrastructure, drainage, lighting, CCTV unmanned systems, landscaping and site development works.'

Location: Fonthill Road, Liffey Valley, Clondalkin, Dublin 22

It is noted that there are 10 conditions attached to the Grant of Permission Ref. No. [SD22A/0363](#) of which the only conditions which are required to be actioned with the written agreement of the Planning Authority prior to commencement are **Conditions 03 & Condition 08**.

It is noted that the response to **Condition 03 & 08** are outlined in Section 02 of this report.

For your convenience, a copy of the following planning application decision documents is enclosed in **Appendix A**:

- [Notification to Grant Permission \(SD22A/0363\)](#)
Decision date 20/02/2023 & Final Grant date 31/03/2023

1.1 Content of Submission

The compliance submission comprises:

- This cover letter which outlines the proposed response to Condition 03 & 08.
- **Appendix A**- Planning Application Documentation
 - Grant of Notification to Grant Permission (SD22A/0363)
- **Appendix B**- McArdle Doyle Correspondence with Irish Water
 - Irish Water Confirmation of Feasibility 30.09.22
- **Appendix C**- McArdle Doyle Connection Agreement with Irish Water
 - Irish Water Connection Application Form
 - Irish Water Confirmation of Receipt of Connection Application Form 29.03.23
- **Appendix D**- McArdle Doyle Proposed Public Lighting Drawing
 - P1956, E800, Proposed Public Lighting Details

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2.0 PLANNING CONDITION 03 & 08 (SD22A/0363) & RESPONSE

A break down response of conditions no. 03 & 08 from planning reference SD22A/0363 is set out below section 2.1 & 2.2.

2.1 Planning Condition 03 & Response

Planning Condition 03 SD22A/0363 states the following;

‘Irish Water Connection Agreement.

Prior to the commencement of development, the applicant or developer shall enter into water and/or wastewater connection agreement(s) with Irish Water. All development shall be carried out in compliance with Irish Water Standards codes and practices.

Reason: In the interest of public health and to ensure adequate water facilities.’

Response Condition 03:

It is noted that correspondence with Irish Water for this development has taken place with an initial confirmation of feasibility issued from Irish Water 30.09.22 attached in **Appendix B**.

Further to this an Irish Water Connection Application was made followed by an acknowledgement of receipt of this application from Irish water dated 29.03.23, this information is attached as part of **Appendix C**.

It is also noted that this development shall be carried out in compliance with Irish Water Standards codes and practices.

2.2 Planning Condition 08 & Response

Planning Condition 08 SD22A/0363 states the following;

'Public Realm Lighting Scheme.

Prior to the commencement of development, the applicant/owner shall submit the following for the written agreement of the Planning Authority: A Public Realm Lighting Scheme for the public realm of the development as approved, designed to provide for high quality public lighting throughout the public realm of the site, prepared by competent a public lighting design consultant. In addition, the applicant shall ensure that the Public Realm Lighting scheme shall be designed to minimise potential glare and light spillage and shall be positioned and/or cowed away from residential properties, public roads and any bat roosts or areas with bat activity. The Public Realm Lighting Scheme should also have regard to the landscaping requirements for the site to avoid root or crown spread from any existing or proposed tree. Any adjustments deemed necessary in this respect by the Council shall be carried out by the applicant, owner or developer at their own expense

REASON: In the interests of public health and safety, the orderly development of the site, amenity, and to prevent light pollution and in the interests of the proper planning and sustainable development of the area.'

Response Condition 08:

It is noted that a public lighting design was been prepared in response to Condition 08 using AG132 software by a competent design consultant details and qualifications noted below.

Philip Carmody B Eng, MCIBSE, MIET

MIET - Member Institute of Engineering and Technology. (London, UK)

MCIBSE - Member Chartered Institute of Building Services Engineers (London, UK)

It is also noted this scheme minimizes potential glare and light spillage to neighbouring properties as well as considering lighting infrastructure concerns with regard to proposed landscaping.

3.0 CONCLUSION

We trust the above and enclosed documentation is in order and the above sections outline compliance with condition 03 & 08, if you require any further clarification of any of the items contained in this Compliance Submission please do not hesitate to contact us. We would appreciate an acknowledgement of our submission at your convenience.

Yours sincerely,



Ronnie McArdle, B Eng, C Eng, MIEI, APEA,
Managing Director.

APPENDIX A- PREVIOUS PLANNING APPLICATION DECISIONS

Grant of Notification to Grant Permission (SD22A/0363)

McArdle Doyle
2nd Floor
Exchange Building
The Long Walk
Dundalk
Co. Louth

**NOTIFICATION TO GRANT PERMISSION
PLANNING & DEVELOPMENT ACT, 2000 (as amended) AND PLANNING
REGULATIONS THEREUNDER**

Final Grant Order No.:	0342	Date of Final Grant:	31-Mar-2023
Decision Order No.:	0190	Date of Decision:	20-Feb-2023
Register Reference:	SD22A/0363	Date:	23-Jan-2023

Applicant: Certas Energy Ireland Limited

Development: A new unmanned service station development consisting of construction of new petrol filling station forecourt with 4 dispensers, 2 underground fuel storage tanks with canopy structure (covering c. 235sq.m and 6.2m in height) with associated signage; Widen existing site entrance to the north-east of the site and creation of new egress location onto the Fonthill Road along the northern boundary to allow one-way internal road network incorporating new pedestrian crossing over existing footpath at site egress location; Automatic brush car wash and adjoining jet car wash with water recycling system; Single storey services building structure comprising of a car wash plant room and comms room area (gross floor area 16.3sq.m.) ; 4 electric charging bays, each comprising of a parking space and electric vehicle charging unit and associated signage; 3-room ESB substation to cater for EV charging infrastructure (gross floor area 38.3sq.m.); Air/Water services area with 2 car parking spaces; 2 internally illuminated double-sided totem signs, 1 at site entrance (4m high x 1.91m wide) with advertising area 15.3sq.m and 1 adjacent the new site egress location (5.8m high x 1.91m wide) with advertising area 22.16sq.m; All other associated underground and overground infrastructure, drainage, lighting, CCTV unmanned systems, landscaping and site development works.

Location: Fonthill Road, Liffey Valley, Clondalkin, Dublin 22

Time extension(s) up to and including:

Additional Information Requested/Received: 14-Nov-2022 / 23-Jan-2023

A Permission has been granted for the development described above, subject to the following conditions.

Conditions and Reasons:

1. Development to be in accordance with submitted plans and details.
The development shall be carried out and completed in its entirety in accordance with the plans, particulars and specifications lodged with the application, and as amended by Further Information received on 23rd January 2023, save as may be required by the other conditions attached hereto.

REASON: To ensure that the development shall be in accordance with the permission, and that effective control be maintained.

2. Drainage - Irish Water.

(a) The water supply and drainage infrastructure, shall comply with the requirements of Irish Water.

(b) There shall be complete separation of the foul and surface water drainage systems, both in respect of installation and use.

(c) All works for this development shall comply with the requirements of the Greater Dublin Regional Code of Practice for Drainage Works.

REASON: In the interests of public health, the proper planning and sustainable development of the area and in order to ensure adequate water supply and drainage provision.

3. Irish Water Connection Agreement.

Prior to the commencement of development the applicant or developer shall enter into water and/or wastewater connection agreement(s) with Irish Water. All development shall be carried out in compliance with Irish Water Standards codes and practices.

Reason: In the interest of public health and to ensure adequate water facilities.

REASON: In the interest of public health and to ensure adequate water/wastewater facilities.

4. (i) Footpath and kerb shall be dished and widened, and the dropped crossing shall be constructed to the satisfaction of South Dublin County Council and at the applicant's expense. The footpath and kerb shall be dished and widened to the full width of the proposed widened entrance.
- (ii) The boundary walls and gates at vehicle access points shall be limited to a maximum height of 0.9m, and any boundary pillars shall be limited to a maximum height of 1.2m, to improve forward visibility for vehicles.
- (iii) The level of illumination of the lighting for the signs shall be reviewable at any time by the Roads Department in the interests of traffic safety, and adjustments shall be made by the applicant at their own expense if required to do so by South Dublin County Council.
- (iv) Prior to commencement of any works in the public domain, and in order to comply with The Roads Act 1993 Section 13 Paragraph 10, a Road Opening Licence must be secured from South Dublin County Council, Roads Maintenance Department.

5. Minimise Air Blown Dust.

During the construction and or demolition phase of the development, Best Practicable Means shall be employed to minimise air blown dust being emitted from the site. This shall include covering skips and slack-heaps, netting of scaffolding, daily washing down of pavements or other public areas, and any other precautions necessary to prevent dust nuisances. The applicant/developer shall comply with British Standard B.S. 5228 Noise Control on Construction and Open sites and British Standard B.S. 6187 Code of Practice for demolition. A suitable location for the storage of refuse shall be provided during the construction and operational phase of the development so as to prevent a public health nuisance.

REASON: In the interest of public health and to uphold the Council's policies set out in the South Dublin County Council Development Plan.

6. Construction Noise and Hours.

To control, limit and prevent the generation of unacceptable levels of Environmental Noise Pollution from occurring during construction activity, no Equipment or Machinery (to include pneumatic drills, on-site construction vehicles, generators, etc.) that could give rise to unacceptable levels of noise pollution as set out generally for evening and night-time in S.I. No. 140/2006 - Environmental Noise Regulations 2006 shall be operated on the site before

7.00 hours on weekdays and 9.00 hours on Saturdays nor after 19.00 hours on weekdays and 13.00 hours on Saturdays, nor at any time on Sundays, Bank Holidays or Public Holidays. Any construction work outside these hours that could give rise to unacceptable levels of noise pollution shall only be permitted following a written request to the Planning Authority and the subsequent receipt of the written consent of the Planning Authority, having regard to the reasonable justification and circumstances and a commitment to minimise as far as practicable any unacceptable noise outside the hours stated above. In this respect, the applicant or developer shall also comply with BS 5228:2009 Noise and Vibration Control on Construction and Open Sites, and have regard to the World Health Organisation (WHO) – Guidelines for Community Noise (1999).

The applicant or developer shall also endeavour to engage in local consultation in respect of any noise sensitive location within 30 metres of the development as approved prior to construction activity commencing on site. Such noise sensitive locations should be provided with the following:

- Schedule of works to include approximate timeframes
- Name and contact details of contractor responsible for managing noise complaints
- Hours of operation- including any scheduled times for the use of equipment likely to be the source of significant noise.

REASON: In the interest of public health by the prevention of unacceptable levels of noise pollution which could interfere with normal sleep and rest patterns and/or when people could reasonably expect a level of quietness, the proper planning and sustainable development of the area and to uphold the Council's amenity policies set out in the South Dublin County Council Development Plan.

7. (i) A suitable location for the storage of refuse shall be provided during the construction and operational phase of the development so as to prevent a public health nuisance.
(ii) The applicant shall put in place a pest control contract for the site for the duration of the construction works.
(iii) The development shall be so operated that there will be no emissions of malodours, gas, dust, fumes or other deleterious materials, no noise vibration on site as would give reasonable cause for annoyance to any person in any residence, adjoining unit or public place in the vicinity.
(iv) Noise due to the normal operation of the proposed development, expressed as Laeq over 15 minutes at the façade of a noise sensitive location, shall not exceed the daytime background level by more than 10 dB(A) and shall not exceed the background level for evening and night time. Clearly audible and impulsive tones at noise sensitive locations during evening and night shall be avoided irrespective of the noise level.
(v) Signage or lighting to be used on site during both construction and the on-going operation of the development must not be intrusive to any light sensitive location including residential properties in close proximity to the development.

8. Public Realm Lighting Scheme.

Prior to the commencement of development the applicant/owner shall submit the following for the written agreement of the Planning Authority:

A Public Realm Lighting Scheme for the public realm of the development as approved, designed to provide for high quality public lighting throughout the public realm of the site, prepared by competent a public lighting design consultant.

In addition, the applicant shall ensure that the Public Realm Lighting scheme shall be designed to minimise potential glare and light spillage and shall be positioned and/or cowled away from residential properties, public roads and any bat roosts or areas with bat activity. The Public

Realm Lighting Scheme should also have regard to the landscaping requirements for the site to avoid root or crown spread from any existing or proposed tree. Any adjustments deemed necessary in this respect by the Council shall be carried out by the applicant, owner or developer at their own expense

REASON: In the interests of public health and safety, the orderly development of the site, amenity, and to prevent light pollution and in the interests of the proper planning and sustainable development of the area.

9. Restrictions on Signage.

Notwithstanding the provisions of the Planning and Development Regulations 2001, or any statutory provision amending or replacing them, no further advertisement signs (including any signs installed to be visible through windows), advertisement structures, banners, canopies, flags, or other projecting elements shall be displayed or erected on the development or within the curtilage of the site, unless authorised by a grant of planning permission.

REASON: To protect the visual amenities of the area and in the interest of the proper planning and sustainable development of the area.

10. Financial Contribution.

The developer shall pay to the Planning Authority a financial contribution of €6, 146.32 (Six Thousand, One Hundred and Forty Six Euro and Thirty Two Cent), in respect of public infrastructure and facilities benefiting development within the area of the Planning Authority, that is provided, or intended to be provided by or on behalf of the authority, in accordance with the terms of the Development Contribution Scheme 2021 - 2025, made under Section 48 of the Planning and Development Acts 2000-2011 (as amended).

The contributions under the Scheme shall be payable prior to commencement of development or as otherwise agreed in writing by the Council. Contributions due in respect of permission for retention will become payable immediately on issue of the final grant of permission. Contributions shall be payable at the index adjusted rate pertaining to the year in which implementation of the planning permission is commenced.

REASON: The provision of such facilities will facilitate the proposed development. It is considered reasonable that the payment of a contribution be required, in respect of public infrastructure and facilities benefiting development in the area of the Planning Authority and that is provided, or that is intended will be provided, by or on behalf of the Local Authority.

NOTE RE: CONDITION - Please note that with effect from 1st January 2014, Irish Water is now the statutory body responsible for water services. Further details/clarification can be obtained from Irish Water at Tel. 01 6021000 or by emailing customerservice@water.ie.

- (1) All buildings must be designed and constructed in accordance with the Building Regulations 1997.
- (2) Building Control Regulations require a Commencement Notice. Please log onto www.localgov.ie and click on BCMS link.
- (3) A Fire Safety Certificate must be obtained from the Building Control Authority, where applicable.
- (4) Free Standing Walls must be designed and constructed in accordance with IS 325: Code of Practice for use of Masonry Part 1: Structural use of reinforced Masonry. The Owner must also ensure that the construction of all walls is supervised by a competent person.

Signed on behalf of South Dublin County Council.

M. Crowley Dated : 31-Mar-2023
for Senior Planner

APPENDIX B- MCARDLE DOYLE CORRESPONDENCE WITH IRISH WATER

Irish Water Confirmation of Feasibility 30.09.22

CONFIRMATION OF FEASIBILITY

David Kettle

McArdle Doyle Ltd.
Second floor, Exchange Building,
Long Walk
Dundalk
Louth
A91XV5H

30 September 2022

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

**Our Ref: CDS22006914 Pre-Connection Enquiry
Fonthill Road, Liffey Valley, Dublin 22, Dublin**

Dear Applicant/Agent,

We have completed the review of the Pre-Connection Enquiry.

Irish Water has reviewed the pre-connection enquiry in relation to a Water & Wastewater connection for a Business Connection of 1 unit(s) at Fonthill Road, Liffey Valley, Dublin 22, Dublin, (the **Development**).

Based upon the details provided we can advise the following regarding connecting to the networks;

- **Water Connection** - Feasible without infrastructure upgrade by Irish Water
- **Wastewater Connection** - Feasible without infrastructure upgrade by Irish Water
- The proposed Development indicates that Irish Water assets are present on the site. The Developer has to demonstrate that proposed structures and works will not inhibit access for maintenance or endanger structural or functional integrity of the assets during and after the works. Drawings (showing clearance distances, changing to ground levels) and Method Statements should be included in the Detailed Design of the Development. A wayleave in favour of Irish Water will be required over the assets that are not located within the Public Space. For design submissions and queries related to diversion/build near or over, please contact IW Diversion Team via email address diversions@water.ie

This letter does not constitute an offer, in whole or in part, to provide a connection to any Irish Water infrastructure. Before the Development can be connected to our network(s) you must submit a connection application and be granted and sign a connection agreement with Irish Water.

As the network capacity changes constantly, this review is only valid at the time of its completion. As soon as planning permission has been granted for the Development, a completed connection application should be submitted. The connection application is available at www.water.ie/connections/get-connected/

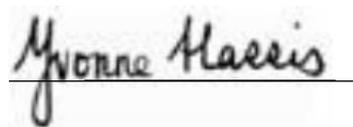
Where can you find more information?

- **Section A** - What is important to know?
- **Section B** - Details of Irish Water's Network(s)

This letter is issued to provide information about the current feasibility of the proposed connection(s) to Irish Water's network(s). This is not a connection offer and capacity in Irish Water's network(s) may only be secured by entering into a connection agreement with Irish Water.

For any further information, visit www.water.ie/connections, email newconnections@water.ie or contact 1800 278 278.

Yours sincerely,

A handwritten signature in black ink that reads "Yvonne Harris". The signature is written in a cursive style and is positioned above a thin horizontal line.

Yvonne Harris
Head of Customer Operations

Section A - What is important to know?

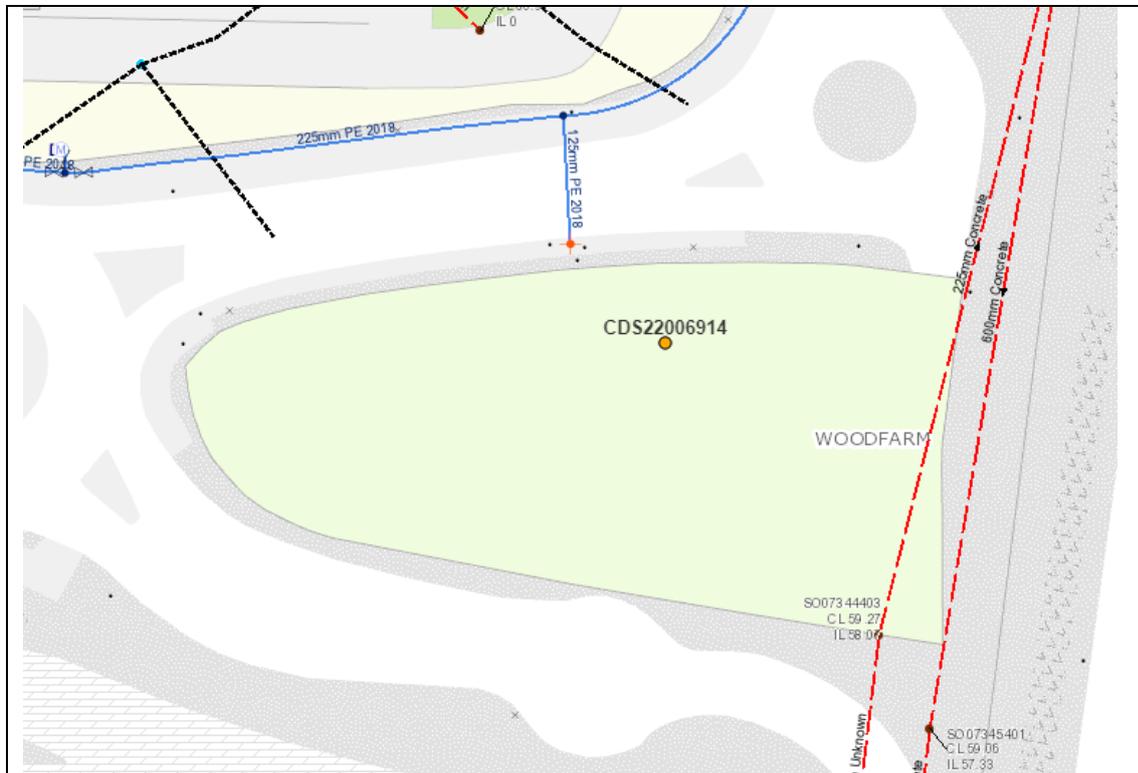
What is important to know?	Why is this important?
<p>Do you need a contract to connect?</p>	<ul style="list-style-type: none"> • Yes, a contract is required to connect. This letter does not constitute a contract or an offer in whole or in part to provide a connection to Irish Water’s network(s). • Before the Development can connect to Irish Water’s network(s), you must submit a connection application <u>and be granted and sign</u> a connection agreement with Irish Water.
<p>When should I submit a Connection Application?</p>	<ul style="list-style-type: none"> • A connection application should only be submitted after planning permission has been granted.
<p>Where can I find information on connection charges?</p>	<ul style="list-style-type: none"> • Irish Water connection charges can be found at: https://www.water.ie/connections/information/charges/
<p>Who will carry out the connection work?</p>	<ul style="list-style-type: none"> • All works to Irish Water’s network(s), including works in the public space, must be carried out by Irish Water*. <p>*Where a Developer has been granted specific permission and has been issued a connection offer for Self-Lay in the Public Road/Area, they may complete the relevant connection works</p>
<p>Fire flow Requirements</p>	<ul style="list-style-type: none"> • The Confirmation of Feasibility does not extend to fire flow requirements for the Development. Fire flow requirements are a matter for the Developer to determine. • What to do? - Contact the relevant Local Fire Authority
<p>Plan for disposal of storm water</p>	<ul style="list-style-type: none"> • The Confirmation of Feasibility does not extend to the management or disposal of storm water or ground waters. • What to do? - Contact the relevant Local Authority to discuss the management or disposal of proposed storm water or ground water discharges.
<p>Where do I find details of Irish Water’s network(s)?</p>	<ul style="list-style-type: none"> • Requests for maps showing Irish Water’s network(s) can be submitted to: datarequests@water.ie

<p>What are the design requirements for the connection(s)?</p>	<ul style="list-style-type: none"> The design and construction of the Water & Wastewater pipes and related infrastructure to be installed in this Development shall comply with <i>the Irish Water Connections and Developer Services Standard Details and Codes of Practice</i>, available at www.water.ie/connections
<p>Trade Effluent Licensing</p>	<ul style="list-style-type: none"> Any person discharging trade effluent** to a sewer, must have a Trade Effluent Licence issued pursuant to section 16 of the Local Government (Water Pollution) Act, 1977 (as amended). More information and an application form for a Trade Effluent License can be found at the following link: https://www.water.ie/business/trade-effluent/about/ <p>**trade effluent is defined in the Local Government (Water Pollution) Act, 1977 (as amended)</p>

Section B – Details of Irish Water’s Network(s)

The map included below outlines the current Irish Water infrastructure adjacent the Development: To access Irish Water Maps email

datarequests@water.ie



Reproduced from the Ordnance Survey of Ireland by Permission of the Government. License No. 3-3-34

Note: The information provided on the included maps as to the position of Irish Water’s underground network(s) is provided as a general guide only. The information is based on the best available information provided by each Local Authority in Ireland to Irish Water.

Whilst every care has been taken in respect of the information on Irish Water’s network(s), Irish Water assumes no responsibility for and gives no guarantees, undertakings or warranties concerning the accuracy, completeness or up to date nature of the information provided, nor does it accept any liability whatsoever arising from or out of any errors or omissions. This information should not be solely relied upon in the event of excavations or any other works being carried out in the vicinity of Irish Water’s underground network(s). The onus is on the parties carrying out excavations or any other works to ensure the exact location of Irish Water’s underground network(s) 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.

APPENDIX C- MCARDLE DOYLE CONNECTION AGREEMENT WITH IRISH WATER

Irish Water Connection Application Form

Irish Water Confirmation of Receipt of Connection Application 29.03.23

Application form

Single business water and/or wastewater connection



This form should be completed by a person or organisation who wishes to apply to Irish Water for a water and/or wastewater connection to be used for agriculture, horticulture, any trade, industry or business, or any purpose other than domestic.

This form is only to be used for a **single business premise/connection**. If the application is for more than one unit please complete the Multi/Mixed Use Development Application form. If completing this form by hand, please use BLOCK CAPITALS and black ink. Please note that this is a digital PDF form and can be filled in electronically.

For **agricultural water connections**, please complete the following fields: Section A, Section D (questions 16-18) and Section E (questions 27-29).

Please refer to the **Guide to completing the application form** on page 15 of this document when completing the form.

*** Denotes mandatory/ required field. Please note, if mandatory fields are not completed the application will be returned.**

Section A | Applicant details

1 **PCE Reference Number (if applicable):**

C	D	S	2	2	0	0	6	9	1	4
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2 ***Applicant details:**

Registered company name (if applicable):

C	E	R	T	A	S		E	N	E	R	G	Y		I	R	E	L	A	N	D		L	I	M	I	T	E	D	
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Trading name (if applicable):

N	/	A																												
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Company registration number (if applicable):

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Parent company registered company name (if applicable):

N	/	A																												
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Parent company registration number (if applicable):

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If you are not a registered company/business, please provide the applicant's name:

N	/	A																												
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*Contact name:

S	E	A	N		L	O	N	G																						
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*Postal address:

C	L	O	N	M	I	N	A	M		I	N	D	U	S	T	R	I	A	L											
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E	S	T	A	T	E	,		P	O	R	T	L	A	O	I	S	E	,		C	O	.	L	A	O	I	S			
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*Eircode:

R	3	2	Y	Y	2	6
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Please provide either a landline or a mobile number

Landline:

0	8	1	8	5	5	0	5	5	0																				
---	---	---	---	---	---	---	---	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

*Mobile:

0	8	7	1	7	3	9	2	9	3																				
---	---	---	---	---	---	---	---	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

*Email:

S	E	A	N	.	L	O	N	G	@	C	E	R	T	A	I	R	E	L	A	N	D	.	I	E
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Section C | Development details

13 *Please select the industry/business use proposed:

Property type	Property type
Agricultural	Brewery / Distillery
Restaurant / Café / Pub	Car Wash / Valeting
Creche	Data Centre
Fire Hydrant	Fire Station
Food Processing	Hotel Accommodation
Industrial / Manufacturing	Laundry / Laundrette
Office	Primary Care Centre
Residential / Nursing Care Home	Retail
School	Sports Facility
Student Accommodation	Warehouse

Other (please specify type) **Petrol Service Station with Car Wash Facilities**

Note: **Please select only one business type**, as this Business application form is for one unit only. If there are multiple units, please use the Multi/Mixed Connection Application form.

13.1 Please provide additional details if your proposed business use are in the Food Processing, Industrial unit/ Manufacturing, Sports Facility or Other Categories.

P	E	T	R	O	L	S	E	R	I	C	E	S	T	A	T	I	O	N	W	I	T	H			
2						N	O	.				C	A	R					W	A	S	H	E	S	

14 *Approximate start date of proposed development: 21 / 04 / 2023

15 *Please indicate the type of connection required by ticking the appropriate box below:

Both Water and Wastewater Please complete both Sections D and E

Water only Please go to Section D

Wastewater only Please go to Section E

Reason for only applying for one service (if applicable):

Section D | Water connection and demand details

- 16 ***Is there an existing connection to public water mains at the site?** Yes No
- 16.1 If yes, is this application for an additional connection to one already installed? Yes No
- 16.2 If yes, is this application to increase the size of an existing water connection? Yes No
- 16.3 Please indicate pre-development water demand (if applicable):

Pre-development peak hour water demand	N/A	l/s
Pre-development average hour water demand	N/A	l/s

Pre-development refers to brownfield sites only. Please include calculations on the attached sheet provided.

- 17 ***Approximate date water connection is required:** / /

- 18 ***What diameter of water connection is required to service this development?** mm

Please note that the connection size provided may be used to determine the connection charge.

- 19 ***Please indicate business water demand (shops, offices, schools, hotels, restaurants, etc.):**

Post-development peak hour water demand	1.2	l/s
Post-development average hour water demand	0.2	l/s

Please include calculations on the attached sheet provided. Where there will be a daily/weekly/seasonal variation in the water demand profile, please provide all such details.

- 20 ***Please indicate the industrial water demand (industry-specific water requirements):**

Post-development peak hour water demand	N/A	l/s
Post-development average hour water demand	N/A	l/s

Please include calculations on the attached sheet provided. Where there will be a daily/weekly/seasonal variation in the water demand profile, please provide all such details.

- 21 **Please specify the Annual Quantity:** m³/year

Note: The Annual Quantity is the volume of water supplied and/or wastewater collected over a 12 month period.

- 22 **What is the existing ground level at the property boundary at connection point (if known) above Malin Head Ordnance Datum?**

m

- 23 **What is the highest finished floor level of the proposed development above Malin Head Ordnance Datum?**

m

36 *Do you propose to pump the foul wastewater? Yes No

If 'Yes', please include justification for your pumped solution with this application.

37 What is the existing ground level at the property boundary at connection point (if known) above Malin Head Ordnance Datum?

. m

38 What is the lowest finished floor level on site above Malin Head Ordnance Datum?

. m

39 What is the proposed invert level of the pipe exiting the property to the public road?

. m

Section F | Supporting documentation

Please provide clear and legible versions of the following mandatory documents (all mandatory):

- > Site location map: A site location map to a scale of 1:1000, which clearly identifies the land or structure to which the application relates. The map shall include the following details:
 - a) The scale shall be clearly indicated on the map.
 - b) The boundaries shall be delineated in red.
 - c) The site co-ordinates shall be marked on the site location map.
- > Site layout map(s) to a scale of 1:500 showing layout of proposed development, water network and wastewater network layouts, additional water/wastewater infrastructure if proposed, connection points to Irish Water infrastructure.
- > All design submissions as outlined in the **Irish Water Codes of Practice for Water Infrastructure** and the **Irish Water Codes of Practice for Wastewater Infrastructure**, including the layout of all other services to be provided within the site (for example: gas, electricity, telecommunications).
- > All design calculations as outlined in the Irish Water Codes of Practice for Water Infrastructure and the Irish Water Codes of Practice for Wastewater Infrastructure.
- > Conceptual design of the connecting asset to the proposed development to the existing Irish Water infrastructure including service conflicts, gradients, pipe sizes and invert levels.
- > Any other information that would help Irish Water assess this application.

Calculations

Water demand

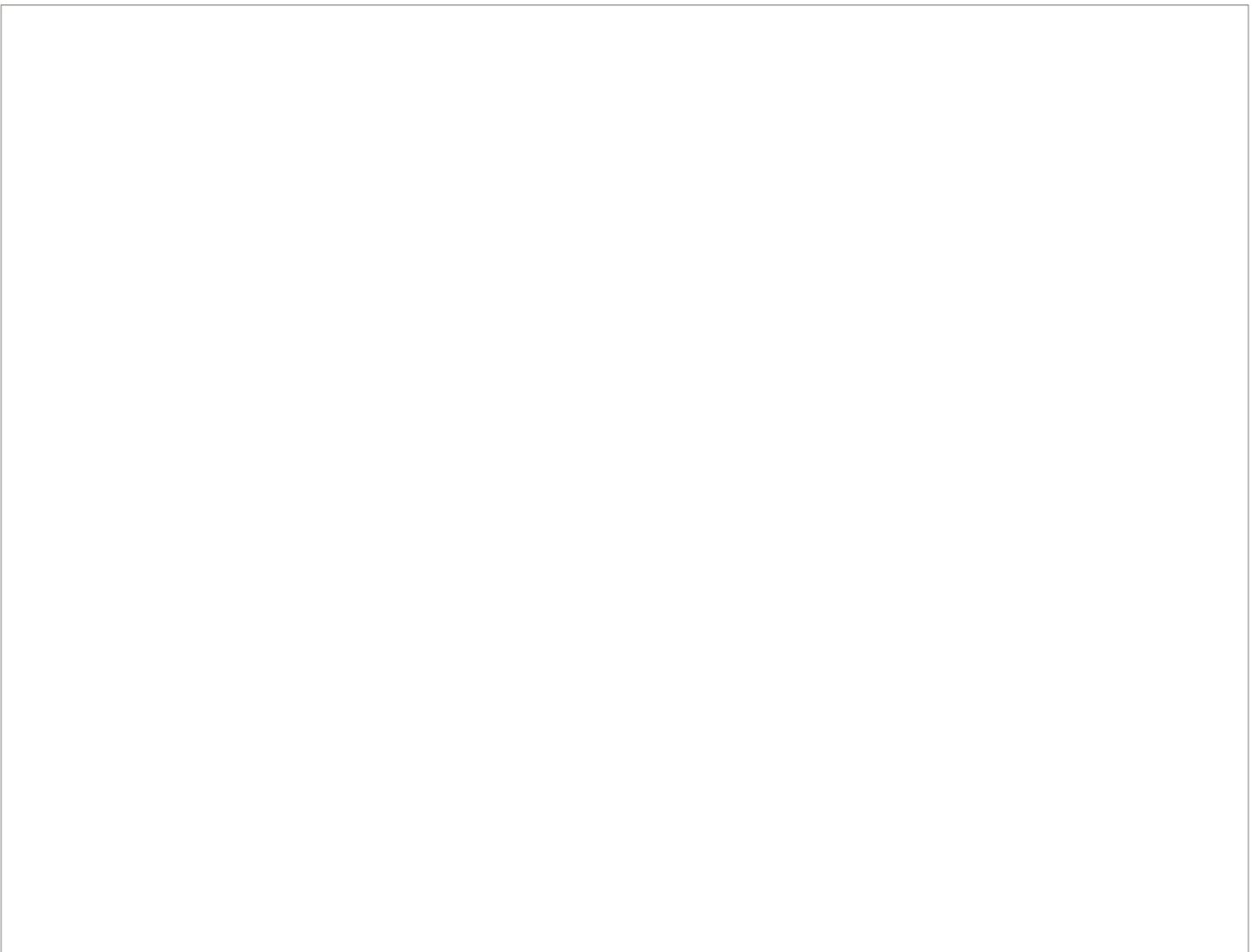
2 No Car Wash Anticipated average daily washes - 56 per day

Water demand per carwash: 250 litres => daily demand = $250 \times 56 = 14,000$ l/day

On site storage



Fire flow requirements



14,000 l/day as per water demand calculations.



Table 1: Wastewater characteristic form

(Only to be filled out if a Trade Effluent Discharge to Sewer Licence is required).

Wastewater characteristic:	Prior to treatment	As discharged
Temperature (oC)		
pH		
Colour (degrees Hazen)		
BOD (mg/l)		
COD (mg/l)		
Suspended solids (mg/l)		
Settleable solids (mg/l)		
Dissolved solids (mg/l)		
Ammonia (as N) (mg/l)		
Nitrates (as N) (mg/l)		
Phosphorus (as P) (mg/l)		
Sulphates (as SO ₄) (mg/l)		
Chlorides (as Cl) (mg/l)		
Phenols (as C ₆ H ₅ OH) (mg/l)		
Detergents (as lauryl sulphate)		
Fats, oils and grease (mg/l)		
Metals (specify each) (mg/l)		
Organohalogen compounds (specify each)		
Organophosphorus compounds (specify each)		
Organotin compounds (specify each)		
Mineral oils or hydrocarbons of petroleum origin (mg/l)		
Other relevant characteristics		

Guide to completing the application form

This form should be completed by customers requiring a business water and/or wastewater connection to Irish Water infrastructure.

The Irish Water Codes of Practice are available at www.water.ie for reference.

Section A | Applicant details

- Question 1:** Please state the Pre-Connection Enquiry (PCE) reference number provided during the Pre-Connection Enquiry Phase if applicable.
- Question 2:** This question requires the applicant or company applying for a connection to identify themselves, their postal address, and to provide their contact details.
- Question 3:** If the applicant has employed a consulting engineer or an agent to manage the application on their behalf, the agent's address and contact details should be recorded here.
- Question 4:** Please indicate whether it is the applicant or the agent who should receive future correspondence in relation to the application.

Section B | Site details

- Question 5:** This is the address of the site requiring the water/wastewater service connection and for which this application is being made.
- Question 6:** Please provide the Irish Grid co-ordinates of the proposed site. Irish grid positions on maps are expressed in two dimensions as Eastings (E or X) and Northings (N or Y) relative to an origin. You will find these coordinates on your Ordnance Survey map which is required to be submitted with the application.
- Question 7:** Please identify the Local Authority that granted planning permission.
- Question 8:** Please provide the planning reference number granting planning approval for your proposed development.
- Question 9:** Please indicate if full planning permission has been granted. If "yes" enter the date it was granted.
- Question 10:** Please indicate if there is an existing premises, and where there is, please specify the current use of the premises, for example commercial or industrial business type. If greenfield, please state 'agricultural'. This will help us to determine the current water demand and wastewater discharge.
- Question 10.1:** Please specify the date that the development site was last occupied. Your answer will help us to determine the previous water usage/wastewater load of the development. If the site was previously greenfield, then this question does not need to be completed.
- Question 10.2:** Water Point Reference Number (WPRN) is a unique number assigned to every single water services connection in the country. The WPRN is prominently displayed on correspondence received from Irish Water, and can be found on water bills, previous connection offers, or previous enquiries in relation to the site. Existing customers and brownfield sites should have a WPRN. New customers are not required to answer this question.
- Question 11:** Please provide details in relation to contaminated land on your site (if any); this will determine what pipe material will be appropriate in the vicinity of the contaminated ground.
- Question 12:** Please indicate if this development is affiliated with a government body/agency, and if so, specify.

Section C | Development details

- Question 13:** Please select the proposed industry/business use by ticking the appropriate box in the table provided. Only one option should be selected as this form is for a Single Business connection.
- If more than one unit is required, please complete the 'Multi/mixed use development' application form.

- Question 13.1:** If you have selected any of the “Food Processing”, “Industrial unit / Manufacturing”, “Sports Facility” or “Other” categories in the checklist, please provide here the specific details of your proposed business use. For example, the nature of the Food Processing business, the type of Sports Facilities or the specifics of your business if you have selected “Other”.
- Question 14:** Please indicate the approximate commencement date of works on the development.
- Question 15:** Please indicate the type of connection required by ticking the appropriate box and proceed to complete the appropriate section or sections. In the majority of cases, we would expect an application to be for both “Water” and “Wastewater” services. If only one service is applied for, please provide details of how the service not applied for will be fulfilled.

Section D | Water connection and demand details

- Question 16:** Please indicate if a water connection already exists for this site.
- Question 16.1:** Please indicate if this enquiry concerns an additional connection to one already installed on the site.
- Question 16.2:** Please indicate if you are proposing to upgrade the water connection to facilitate an increase in water demand. Irish Water will determine what impact this will have on our infrastructure.
- Question 16.3:** If the site was previously in use, please provide details of the pre-development peak hour and average hour water demand.
- Question 17:** Please indicate the approximate date that the proposed connection to the water infrastructure will be required.
- Question 18:** Please indicate what diameter of water connection is required to service this development.
- Question 19:** If this connection application is for a business premises, please provide calculations for the water demand and include your calculations on the attached sheet provided. Business premises include shops, offices, hotels, schools, etc. Demand rates (peak and average) are site specific. Average demand is the total daily volume divided by a 24-hour time period and expressed in litres per second (l/s). The peak demand for sizing the pipe network will be as per the specific industry’s production requirements. For design purposes, please refer to the Irish Water Codes of Practice for Water Infrastructure.
- Question 20:** If this connection application is for an industrial premises, please calculate the water demand and include your calculations on the attached sheet provided. Demand rates (peak and average) are site specific. Average demand is the total daily volume divided by a 24-hour time period and expressed in litres per second (l/s). The peak demand for sizing the pipe network will be as per the specific business production requirements. For design purposes, please refer to the Irish Water Codes of Practice for Water Infrastructure.
- Question 21:** Please specify the Annual Quantity. An Annual Quantity (AQ) will be calculated once a year for every non-domestic metered connection. The AQ calculates the volume of water supplied and/or wastewater collected over a prior 12 month period. The AQ assigns each metered connection to a tariff class for the following tariff year and determines the corresponding tariffs which that connection will be charged. For example a metered connection with an AQ below 1,000m³ availing of water supply only services will be assigned to band 1.
- Question 22:** Please specify the ground level at the location where connection to the public water mains will be made. This is required in order to determine if there is sufficient pressure in the existing water infrastructure to serve your proposed development. Levels should be quoted in metres relative to Malin Head Ordnance Datum.
- Question 23:** Please specify the highest finished floor level on site. This is required in order to determine if there is sufficient pressure in the existing water infrastructure to serve your proposed development. Levels should be quoted in metres relative to Malin Head Ordnance Datum.
- Question 24:** If storage is required, water storage capacity of 24-hour water demand must usually be provided at the proposed site. In some cases, 24-hour storage capacity may not be required, for example 24-hour storage for a domestic house would be provided in an attic storage tank. Please calculate the 24-hour water storage requirements and include your calculations on the attached sheet provided. Please also confirm that on-site storage is being provided by ticking the appropriate box.

- Question 25:** The water supply system shall be designed and constructed to reliably convey the water flows that are required of the development including fire flow requirements by the Fire Authority. The Fire Authority will provide the requirement for fire flow rates that the water supply system will have to carry. Please note that while flows in excess of your required demand may be achieved in the Irish Water network and could be utilised in the event of a fire, Irish Water cannot guarantee a flow rate to meet your fire flow requirement. To guarantee a flow to meet the Fire Authority requirements, you should provide adequate fire storage capacity within your development. Please include your calculations on the attached sheet provided, and further provide confirmation of the Fire Authority requirements.
- Question 26:** Please identify proposed additional water supply sources, that is, do you intend to connect to the public water mains or the public mains and supplement from other sources. If supplementing public water supply with a supply from another source, please provide details as to how the Irish Water potable water supply is to be protected from cross contamination at the premises.

Section E | Wastewater connection and discharge details

- Question 27:** Please indicate if a wastewater connection to a public sewer already exists for this site.
- Question 27.1:** Please indicate if this application is for an additional wastewater connection to one already installed.
- Question 27.2:** Please indicate if you are proposing to upgrade the wastewater connection to facilitate an increased discharge. Irish Water will determine what impact this will have on our infrastructure.
- Question 27.3:** If the site was previously in use, please provide details of the pre-development peak and average wastewater discharge.
- Question 28:** Please specify the approximate date that the proposed connection to the wastewater infrastructure will be required.
- Question 29:** Please indicate what diameter of wastewater connection is required to service this development.
- Question 30:** If this connection application is for a business premises, please provide calculations for the wastewater and include your calculations on the attached sheet provided. Business premises include shops, offices, hotels, schools, etc. Discharge rates (peak and average) are site specific. Average discharge is the total daily volume divided by a 24-hour time period and expressed in litres per second (l/s). The peak discharge for sizing the pipe network will be as per the specific business production requirements. Please refer to the Irish Water Codes of Practice for Wastewater Infrastructure.
- Question 31:** If this connection application is for an industrial premises, please calculate the wastewater and include your calculations on the attached sheet provided. Discharge rates (peak and average) are site specific. Average discharge is the total daily volume divided by a 24-hour time period and expressed in litres per second (l/s). The peak discharge for sizing the pipe network will be as per the specific industry's production requirements. Please refer to the Irish Water Codes of Practice for Wastewater Infrastructure.
- Question 32:** Please specify the Annual Quantity. An Annual Quantity (AQ) will be calculated once a year for every non-domestic metered connection. The AQ calculates the volume of water supplied and/or wastewater collected over a prior 12 month period. The AQ assigns each metered connection to a tariff class for the following tariff year and determines the corresponding tariffs which that connection will be charged. For example a metered connection with an AQ below 1,000m³ availing of water supply only services will be assigned to band 1.
- Question 33:** Please specify the maximum and average concentrations and the maximum daily load of each of the wastewater characteristics listed in the wastewater organic load table, and also specify if any other significant concentrations are expected in the effluent. Please complete the table and provide additional supporting documentation if relevant. Note that the concentration shall be in mg/l and the load shall be in kg/day. Note that for business premises (shops, offices, schools, hotels, etc.) for which only domestic effluent will be discharged (excluding discharge from canteens/restaurants which would require a Trade Effluent Discharge to Sewer Licence), there is no need to complete this question.
- Question 34:** Where a Trade Effluent Discharge to Sewer Licence is required, it will need to be applied for separately - visit www.water.ie/tradeeffluent. Note however that a full suite of quality analysis of the proposed discharge should be provided as part of this application by filling out Table 1 above. If you do not need a Trade Effluent Discharge to Sewer Licence, please do not fill out this form.

- Question 35:** In exceptional circumstances, such as brownfield sites, where the only practical outlet for storm/surface water is to a combined sewer, Irish Water will consider permitting a restricted attenuated flow to the combined sewer. Storm/surface water will only be accepted from brownfield sites that already have a storm/surface water connection to a combined sewer and the applicant must demonstrate how the storm/surface water flow from the proposed site is minimised using sustainable urban drainage system (SUDS). This type of connection will only be considered on a case by case basis. Please advise if the proposed development intends discharging surface water to the combined wastewater collection system.
- Question 36:** If the development needs to pump its wastewater discharge to gain access to the Irish Water infrastructure, then please specify the pump flow rate, timings of discharge, and provide justification for the pumped solution.
- Question 37:** Please specify the ground level at the location where connection to the public sewer will be made. This is required in order to determine if the development can be connected to the public sewer via gravity discharge. Levels should be quoted in metres relative to Malin Head Ordnance Datum.
- Question 38:** Please specify the lowest floor level of the proposed development. This is required in order to determine if the development can be connected to the public sewer via gravity discharge. Levels should be quoted in metres relative to Malin Head Ordnance Datum.
- Question 39:** Please specify the proposed invert level of the pipe exiting the property to the public road.

Section F| Supporting documentation

Please provide additional information as listed.

Section G| Declaration

Please review the declaration, sign, and return the completed application form to Irish Water by email or by post using the contact details provided in Section G.

A large, empty rectangular box with a thin black border, occupying most of the page. It is intended for the user to write their notes.

Subject:

FW: CDS2300238001 Irish Water Connection Application EMAIL:0624702

From: newconnections <newconnections@water.ie>**Sent:** Wednesday 29 March 2023 14:45**To:** David Kettle <david@mcardleadoyle.ie>**Subject:** CDS2300238001 Irish Water Connection Application EMAIL:0624702**Subject Line: Irish Water Connection Application Ref Number: CDS2300238001****Dear Customer,**

Thank you for submitting your Water & Wastewater Application Form for Fonthill Road, Liffey Valley, Dublin 22, Dublin . Your Irish Water reference number for your application is CDS2300238001, which you can keep for your records.

Next steps in your application:

Assessment of Application: Your application is currently being assessed to confirm it is technically feasible; we will be in touch once this assessment has been completed. A significant level of analysis is required before we can provide a response. Two considerations are:

- A review of the available capacity in Irish Water infrastructure versus your requirements.
- The location for connection versus the distance to/from our network.

Where your requirements are of a significant nature for example, multiple properties or commercial/industrial developments, this work may take a period of time to complete.

Getting an offer: If your application is technically feasible, we will issue you with an offer to connect, detailing costs and works required.

From receipt of your Connection Application, it takes on average 16 weeks to issue a Connection Offer.

Accepting the offer: You can enter into a connection agreement by accepting the terms and conditions as set out in your offer, and by making the required payment.

If your development is a Housing Development (two or more housing units), in advance of commencing works on site and where water services infrastructure is vested in the ownership of Irish Water through the Connection Agreement, the developer is required to initiate a kick-off meeting to agree a suite of site inspections for on site Quality Assurance (QA).

Construction Phase: If required, an Irish Water agent will contact you in relation to the connection assets required to facilitate your connection to the network.

Physical Connection: An Irish Water agent will deliver the full connection works in the public domain. We will contact you to arrange a suitable time to complete the works required to connect your development to the Irish Water network. **From securing the Road Opening Licence, to completing connection takes on average 12 weeks.**

Connection to the network: Once connected, a meter will be installed and you can fully avail of our services as per the connection agreement.

If you have any further queries please contact us on **1800 278 278** or **+353 1 707 2828**; alternatively, you can visit www.water.ie/connections for more information.

Please do not amend this subject line as it will help us deal with your response.

Yours sincerely,

Customer Service Advisor



Callsave 1800 278 278 | +353 1 707 2828

www.water.ie/connections



Irish Water is a designated activity company, limited by shares. Registered Office: Colvill House, 24-26 Talbot Street, Dublin 1

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Thank you for your attention.

Tá an fhaisnéis á seachadadh dírithe ar an duine nó ar an eintiteas chuig a bhfuil sí seolta amháin agus féadfar ábhar faoi rún, faoi phribhléid nó ábhar atá íogair ó thaobh tráchtála de a bheith mar chuid de. Tá aon athsheachadadh nó scaipeadh den fhaisnéis, aon athbheithniú ar nó aon úsáid eile a bhaint as, nó aon ghníomh a dhéantar ag brath ar an bhfaisnéis seo ag daoine nó ag eintitis nach dóibh siúd an fhaisnéis seo, toirimiscithe agus féadfar é a bheith neamhdhleathach. Níl Uisce Éireann faoi dhliteanas maidir le seachadadh iomlán agus ceart na faisnéise sa chumarsáid seo nó maidir le haon mhoill a bhaineann léi. Ní ghlacann Uisce Éireann le haon dliteanas faoi ghníomh nó faoi iarmhairtí bunaithe ar úsáid thoirmiscithe na faisnéise seo. Níl Uisce Éireann faoi dhliteanas maidir le seachadadh ceart agus iomlán na faisnéise sa chumarsáid seo nó maidir le haon mhoill a bhaineann léi. Má fuair tú an teachtaireacht seo in earráid, más é do thoil é, déan teagmháil leis an seoltóir agus scríos an t-ábhar ó gach aon ríomhaire. Féadfar ríomhphost a bheith soghabhálach i leith truaillithe, idircheaptha agus i leith leasaithe neamhúdairithe. Ní ghlacann Uisce Éireann le haon fhreagracht as athruithe nó as idircheapadh a rinneadh ar an ríomhphost seo i ndiaidh é a sheoladh nó as aon dochar do chórais na bhfaighteoirí déanta ag an teachtaireacht seo nó ag a ceangaltáin. Más é do thoil é, tabhair faoi deara chomh maith go bhféadfar monatóireacht a dhéanamh ar theachtairreachtaí chuig nó ó Uisce Éireann chun comhlíonadh le polasaithe agus le caighdeáin Uisce Éireann a chinntiú agus chun ár ngnó a chosaint. Fochuideachta gníomhaíochta de chuid Ervia is ea Uisce Éireann atá faoi theorainn scaireanna, de bhun fhorálacha an tAcht um Sheirbhísí Uisce 2013, a bhfuil a bpríomh ionad gnó ag 24-26 Teach Colvill, Sráid na Talbóide, BÁC 1.

Go raibh maith agat as d'aird a thabhairt.

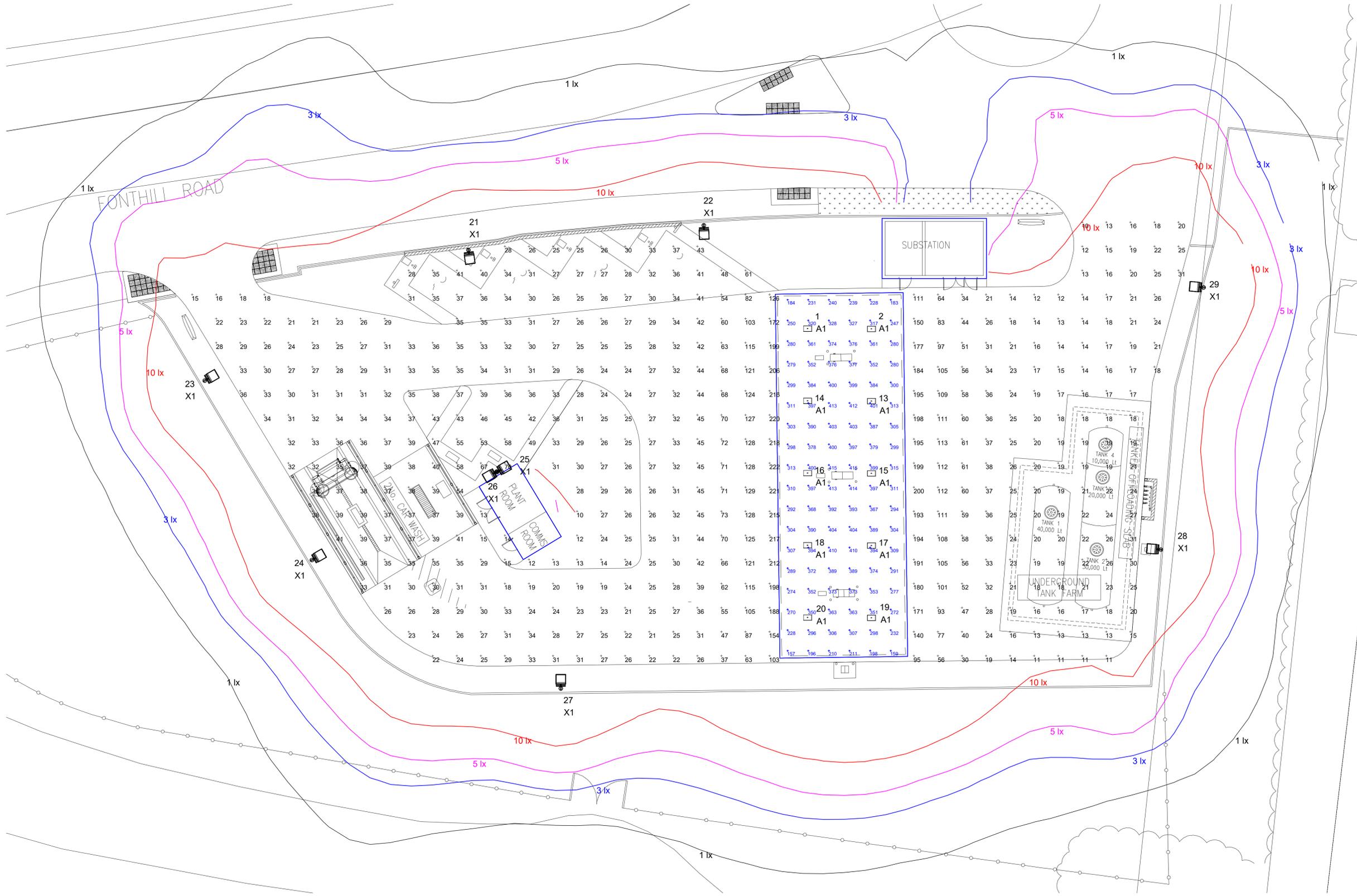
APPENDIX D- MCARDLE DOYLE PROPOSED LAYOUT DRAWINGS

P1956, E800-Proposed Public Lighting Details Drawing

Luminaire Schedule						
Ref.	Qty	Label	Description	Lumens	cWatts	M.F.
A1	10	CX14641	CANOLUX RECESSED 116W	15100	125	0.82
X1	9	AS32 LED 63W CLO GA2 BS 4000K	ASPECT 32-LED 63W CLO AREA 2 4K	7646	63	0.82

Calculation Summary						
Label	Calculation Type	Units	Eav	Emax	Emin	Emin/Eav
Forecourt Canopy	Illuminance	Lux	331.4	415	157	0.47
General Areas	Illuminance	Lux	44.2	222	10	0.23

NOTES:
THIS DRAWING IN WHOLE OR IN PART SHALL NOT BE COPIED WITHOUT THE PRIOR PERMISSION OF MCARDLE DOYLE LTD.
ALL WORKS TO COMPLY WITH THE CURRENT BUILDING REGULATIONS.
DO NOT SCALE.
ORDNANCE SURVEY IRELAND LICENCE No. AR 0105719
© ORDNANCE SURVEY IRELAND / GOVERNMENT OF IRELAND



Luminaire Location Summary					
No.	Label	X	Y	Z	Rot
1	CX14641	101.38	64.90	5.27	90
2	CX14641	106.04	64.88	5.27	90
13	CX14641	106.04	59.63	5.27	90
14	CX14641	101.39	64.83	5.27	90
15	CX14641	106.04	54.38	5.27	90
16	CX14641	101.39	64.40	5.27	90
17	CX14641	106.04	49.12	5.27	90
18	CX14641	101.39	49.16	5.27	90
19	CX14641	106.04	43.89	5.27	90
20	CX14641	101.39	43.90	5.27	90
21	AS32_LED_63W_CLO_GA2_4000K	101.38	64.90	6.00	278
22	AS32_LED_63W_CLO_GA2_4000K	101.38	64.90	6.00	272
23	AS32_LED_63W_CLO_GA2_4000K	101.38	64.90	6.00	30
24	AS32_LED_63W_CLO_GA2_4000K	101.38	64.90	6.00	30
25	AS32_LED_63W_CLO_GA2_4000K	101.38	64.90	6.00	30
26	AS32_LED_63W_CLO_GA2_4000K	101.38	64.90	6.00	210
27	AS32_LED_63W_CLO_GA2_4000K	101.38	64.90	6.00	90
28	AS32_LED_63W_CLO_GA2_4000K	101.38	64.90	6.00	175
29	AS32_LED_63W_CLO_GA2_4000K	101.38	64.90	6.00	175

Rev.	Description	By	Date

McArdle Doyle
Second Floor
Exchange Building
The Long Walk
Dundalk, Co. Louth

Chartered Engineers
Architectural Services
& Project Managers
mail@mcardle-doyle.ie
+353(0) 42 942 9052

PROJECT:
**UNMANNED SERVICE STATION,
LIFFEY VALLEY**

CLIENT:

DRAWING TITLE:
**PROPOSED PUBLIC LIGHTING
DETAILS**

Date 13/04/23	Drawn FD	Checked PC	Approved RMcA
Scale at A1 NTS	Drawing Number P1956. E800	Status I	Rev. -