Application form Multi/mixed use development water and/or wastewater connection



This form should be completed by a person or organisation who wishes to apply to Uisce Éireann for a water and/or wastewater connection to be used for both domestic and for any trade, industry or business, or any purpose other than domestic for more than one unit. 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

Please refer to the **Guide to completing the application form** on page 16 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):

2 *Applicant details:

*Applicant details:																	
Registered company nan	ne (if app	olicable	e):														
Trading name (if applicat	ole):																_
Company registration nu	mber (if	applic	able):														
Parent company register	ed comp	bany n	ame (i	fappl	icab	le):											
																	_
																	_
Parent company registra	tion nun	nber (i	fappli	icable):												
lf you are not a registere	d compa	iny/bu	siness	, pleas	se p	rovi	de t	he a	appl	licar	nt's	nan	ne:				
*Contact name:																	
*Postal address:																	
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*Eircode:						•											
Please provide either a la	ndline o	or a mo	bile n	umbe	r												
Landline:																	

*Mobile:

*Email:

3 Agent details (if applicable):

The fields marked	l wit	h *	in tł	nis s	ecti	ona	are i	mar	ndat	tory	if u	sing	g an	age	ent									
*Contact name:																								
Company name (i	f ap	plica	able):																				
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*Contact name:																								
Company name (i	f ap	plica	able):																				
Company registra	tion	nui	mbe	er (if	ар	olica	able):																
*Postal address:																								
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Please provide eit	her	a la	ndli	ne d	or a	mo	bile	nuı	mbe	er														
Landline:																								
*Mobile																								

*Please indicate whether the applicant, agent or developer who should be contacted in relation to this

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*Please indicate whether the applicant, agent or developer who should be contacted in relation to this application:

Applicant

*Email:

Agent

Developer

Section B | Site details

6	*Site address	1 (inclu	ıde Sit	te nan	ne/E	Build	ding	g na	me	/Bui	ldir	ng n	uml	ber)	:										
	*Address 2																								
	*Address 3																								
	*City/Town																								
	*County															E	irco	de							
7	*Irish Grid co	-ordina	ates (p	propo	sed	cor	nne	ctio	n p	oin	t):														
	Eastings (X)				1	Nort	hin	gs (`	Y)																
	Note: Values f		•													-		wee	n 02	29,0	00 a	ind 3	362	,000	
	Eg. co-ordinate	es of GI	PO, O'	Conne	ell Si	t., D	ubli	in: I	Ξ(X)	315	,878	3	Ν	(Y) 2	234,	619)								
8	*Local Authorit	-	tranto	d plar	nin	a no	rmi	iccic	n (i	fan	nlic	able	<u>۱</u> .												
					nin; T	g pe				гар Г	piic I		:). 			1	1	1	1	1	1				
9	*Planning ref	erence	: (curr	ent re	fere	ence	an	d ar	iy pi	revi	ous	pla	nnir	ng re	efer	enc	e th	nat n	nay	be a	appl	icat	le):		
																							L		
	Note: The dev for exempted				ve f	ull p	blan	ning	g pe	rmi	ssic	n b	efor	e th	nis f	orm	n is	sub	mitt	ed,	or e	ente	r "E	XEM	PT"
	for exempted		onnenn																						
10	*Has full plan	ning p	ermis	sion	bee	n gr	ant	ed?	•									Ŷ	′es]			No	
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	lf 'Yes', please	provide	e the c	date it	was	s gra	ante	ed]/]/				
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11	*Type of pren											1	1	1	1	1		N	lew			E	xist	ing	
	If 'Existing', ple	ase spe	ecify e	existin	g us	e of	pre	emis	ses:														L		
																		-							
11.1	Date that prev	vious de	evelop	pmen	t wa	as la	st c	occu	pie	d (if	арр	olica	ble):]/]/		L		
11.2	If 'Existing', ple	ease pr	ovide	WPR	۱, if	kno	wn																		
	0, 1.1	1-				-														1	1	1			
12	*Are there po	otentia	l cont	amin	ate	d la	nd i	เรรม	es?									Y	′es]			No	
	If 'Yes', please										the	арр	oroa	ch t	bein	ıg ta	ker			L I wit	ı :h				

contaminated land and the measures being taken to mitigate the impact on infrastructure.

13 *Is this development affiliated with a government body/agency?

If 'Yes', please specify the body/agency:

,		,		, ,	5	,											
																. !	

Eg. IDA, HSE, LDA, etc.

Section C | Development details

14 *Please outline the domestic and/or industry/business use proposed:

Domestic:

Property type	Number of units	Property type	Number of units
House		Apartments	
Duplex		Number of Apartment Blocks	

Industry/business:

Property type	Number of units	Property type	Number of units
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	

|--|

Note: This application form is for more than one business/industrial unit or a combination of domestic and business/industrial units.

14.1 Please provide the maximum expected occupancy for the business/industry units selected:

Note: This should be the number of people, according to the proposed development you selected (e.g. Number of office workers, number of nursing home residents, maximum pub occupancy, maximum hotel occupancy, number of retail workers).

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No

Yes

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

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16	*ls	the	de	velo	opm	ent	։ mւ	ılti-	pha	sed	?												١	/es]		Ν	lo [
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16.2				ase p quir				ails	ofva	ariat	tion	s in	wat	er d	lem	and	volu	ume	es a	nd v	vast	ewa	ater	disc	har	·ge l	oad	s du	e to	
16.3	Whi	ich	pha	se o	fthe	e de	evelo	pm	ent	is tł	nis a	ppl	icati	on a	asso	ciat	ed v	vith	?											
16.4	Nur	nbe	er of	uni	ts a:	ssoc	ciate	ed w	ith o	over	all o	deve	elop	mer	nt:															
16.5	Nur	nbe	er of	uni	ts a:	ssoc	ciate	ed w	ith t	his	арр	lica	tion	:																
17	*Wi	ill t	he c	deve	elop	er i	inst	all t	:he	loca	al in	fra	stru	ictu	re?								١	/es				Ν	lo [
18	*Pl	eas	e in	dica	ate	the	typ	e of	f co	nne	ectio	on r	equ	iire	d by	/ tic	kin	g th	ie a	ppr	opr	iate	e bo	x b	elov	w:				
	Bot	h V	Vate	er a	nd ۱	Nas	stew	/ate	er 🗌		Ple	ease	e cor	mple	ete	botł	ר Se	ctio	ns [) ar	id E									
	Wa	ter	onl	у							Ple	ease	e go	to S	ecti	on	D													
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Reason for only applying for one service (if applicable):

19	*Is there an existing connection to public water mains at the site?	Yes	No
19.1	If yes, is this application for an additional connection to one already installed?	Yes	No
19.2	If yes, is this application to increase the size of an existing water connection?	Yes	No

19.3 Please indicate pre-development water demand (if applicable):

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

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

20 *Approximate date water connection is required:

21 *What diameter of water connection is required to service this development?

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

22	*ls more than one connection required to the public infrastructure to service this development?	Yes
		_

If 'Yes', how many?

23 *Please indicate the domestic water demand for the proposed development:

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

Please include calculations on the attached sheet provided.

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

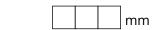
Post-development peak hour water demand	l/s	
Post-development average hour water demand	l/s	

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. Please provide the breakdown of water demand for each individual unit.

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

Post-development peak hour water demand	l/s
Post-development average hour water demand	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. Please provide the breakdown of water demand for each individual unit.



	No	

Section D	Water connection and demand details

	Head Ordnance Datum?		m
77	What is the highest finished fleet level on site :	shava Malin Haad Ordnanda D	atum?
27	What is the highest finished floor level on-site a	bove Main Head Ordinance D	
28	*ls on-site water storage being provided?		Yes No
	Please include calculations (details and capacity) o	f all water storage provided on-	site on attached sheet provided.
29	*Are there fire flow requirements?		Yes No
	Additional fire flow requirements over and above those identified in Q23-25		l/s
	Please include calculations on the attached sheet Fire Authority.	provided, and include confirma	ation of requirements from the
30	*Do you propose to supplement your potable wa	ater supply from other sources	Yes No
	If 'Yes', please indicate how you propose to suppl		
	(see Guide to completing the application form	on page 18 of this document f	or further details):
			· · · · · · · · · · · · · · · · · · ·
Sec	tion E Wastewater connection and dis	scharge details	
31	*Is there an existing connection to public sewe	r at the site?	Yes No
31.1	If yes, is this application for an additional connect	tion to one already installed?	Yes No
31.2	If yes, is this application to increase the size of an	existing connection?	Yes No
31.3	Please indicate pre-development wastewater dise	charge (if applicable):	
	Pre-development peak discharge		l/s
	Pre-development average discharge		l/s
	Pre-development refers to brownfield sites only. F	lease include calculations on th	e attached sheet provided.
32	*Approximate date wastewater connection is	required:	
33	*What diameter of wastewater connection is r	equired to service this develo	pment? mm
	Please note that the connection size provided may	be used to determine the conr	nection charge.
34	*ls more than one connection required to the to service this development?	oublic infrastructure	Yes No
	If 'Yes', how many?		
31.1 31.2	If yes, is this application for an additional connect If yes, is this application to increase the size of an	tion to one already installed? existing connection?	Yes No
	Pre-development refers to brownfield sites only. F	lease include calculations on th	e attached sheet provided.
32	*Approximate date wastewater connection is	required:	
52			
33	*What diameter of wastewater connection is r	equired to service this develo	pment? mm
	Please note that the connection size provided may	/ be used to determine the conr	nection charge.
34		oublic infrastructure	Yes No
	If 'Yes', how many?		

What is the existing ground level at the property boundary at connection point (if known) above Malin

26

Head Ordnance Datum?

35 Please indicate the domestic wastewater hydraulic load for the proposed development:

Post-development peak discharge	l/s
Post-development average discharge	l/s

Please include calculations on the attached sheet provided. Please provide the breakdown of the peak and average discharge for each individual unit.

36 *Please indicate the business wastewater hydraulic load (shops, offices, schools, hotels, restaurants, etc.):

Post-development peak discharge	l/s
Post-development average discharge	l/s

Please include calculations on the attached sheet provided. Please provide the breakdown of the peak and average discharge for each individual unit.

37 *Please indicate the industrial wastewater hydraulic load (industry-specific discharge requirements):

Post-development peak discharge	l/s
Post-development average discharge	l/s

Please include calculations on the attached sheet provided. Please provide the breakdown of the peak and average discharge for each individual unit.

38 Wastewater organic load:

Characteristic	Max concentration (mg/l)	Average concentration (mg/l)	Maximum daily load (kg/day)
Biochemical oxygen demand (BOD)			
Chemical oxygen demand (COD)			
Suspended solids (SS)			
Total nitrogen (N)			
Total phosphorus (P)			
Other			

Temperature range	
pH range	

39 *Is a Trade Effluent Discharge to Sewer Licence required?

Yes

No

If 'Yes', please complete the wastewater characteristic form included in this document (see Table 1 below) in order to allow us to ascertain the nature of the effluent to be discharged to the Uisce Éireann network. A Trade Effluent Discharge to Sewer Licence can be applied for at **www.water.ie/tradeeffluent**

40 *Storm water run-off will only be accepted from brownfield sites that already have a storm/surface water connection to a combined sewer. In the case of such brownfield sites, please indicate if the development intends discharging surface water to the combined wastewater collection system:

No

m

Yes

If 'Yes', please give reason for discharge and comment on adequacy of SUDS/attenuation measures proposed.

			_				_							

Please submit detailed calculations on discharge volumes, peak flows and attenuation volumes with this application.

- 41 *Do you propose to pump the wastewater? Yes No If 'Yes', please include justification for your pumped solution with this application. 42 What is the existing ground level at the property boundary at connection point m (if known) above Malin Head Ordnance Datum? m
- 43 What is the lowest finished floor level on-site above Malin Head Ordnance Datum?
- What is the proposed invert level of the pipe exiting the property to the 44 public road?

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 Uisce Éireann infrastructure.
- All design submissions as outlined in the Uisce Éireann Code of Practice for Water Infrastructure > www.water.ie/watercodeofpractice and the Uisce Éireann Code of Practice for Wastewater Infrastructure www.water.ie/wastewatercodeofpractice, 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 Uisce Éireann Codes of Practice for Water Infrastructure > and the Uisce Éireann Codes of Practice for Wastewater Infrastructure.
- Conceptual design of the connecting asset to the proposed development to the existing Uisce Éireann > infrastructure including service conflicts, gradients, pipe sizes and invert levels.
- Any other information that would help Uisce Éireann assess this application. >
- Master Plan of entire proposed development with phase of development associated with this > application is identified.
- Schedule of house/unit numbers, associated addresses applied for as part of this application and > additional associated information. This must be provided in the template spreadsheet which is available from Uisce Éireann.
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Section G | Declaration

I/We hereby make this application to Uisce Éireann for a water and/or wastewater connection as detailed on this form.

I/We understand that any alterations made to this application must be declared to Uisce Éireann.

The details that I/we have given with this application are accurate.

I/We have enclosed all the necessary supporting documentation.

Any personal data you provide will be stored and processed by Uisce Éireann and may be transferred to third parties for the purposes of the water and/or wastewater connection process. I hereby give consent to Uisce Éireann to store and process my personal data and to transfer my personal data to third parties, if required, for the purposes of the connection process.

If you wish to revoke consent at any time or wish to see Uisce Éireann's full Data Protection Notice, please see **https://www.water.ie/privacy-notice/**

Signature:	Date:		/		/			

Your full name (in BLOCK CAPITALS):

Uisce Éireann will carry out a formal assessment based on the information provided on this form. Any future connection offer made by Uisce Éireann will be based on the information that has been provided here.

Please submit the completed form to **newconnections@water.ie** or alternatively, post to:

Uisce Éireann PO Box 860 South City Delivery Office Cork City

Please note that if you are sending us your application form and any associated documentation by email, the maximum file size that we can receive in any one email is 35MB.

Please note, if mandatory fields are not completed the application will be returned.

Uisce Éireann is subject to the provisions of the Freedom of Information Act 2014 ("FOIA") and the codes of practice issued under FOIA as may be amended, updated or replaced from time to time. The FOIA enables members of the public to obtain access to records held by public bodies subject to certain exemptions such as where the requested records may not be released, for example to protect another individual's privacy rights or to protect commercially sensitive information. Please clearly label any document or part thereof which contains commercially sensitive information. Uisce Éireann accepts no responsibility for any loss or damage arising as a result of its processing of freedom of information requests.

Calculations

Water demand

Fire flow requirements

Foul wastewater discharge

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)		
рН		
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 SO4) (mg/l)		
Chlorides (as C1) (mg/l)		
Phenols (as C6H5OH) (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 Uisce Éireann infrastructure when applying for a connection that will serve at least 2 units: 2 or more business/industrial units or a mixture of domestic and business/industrial units.

The Uisce Éireann 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. This section is mandatory if you have selected "Agent" as the preferred contact option in Question 5.
- **Question 4:** Please provide the name, postal address, and contact details of the developer for the proposed new development. This section is mandatory if you have selected "Developer" as the preferred contact option in Question 5.
- **Question 5:** Please indicate whether it is the applicant, the agent or the developer who should receive future correspondence in relation to the application.

Section B | Site details

- **Question 6:** This is the address of the site requiring the water/wastewater service connection and for which this application is being made.
- **Question 7:** 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 8:** Please identify the Local Authority that is dealing with your planning application, for example Cork City Council.
- **Question 9:** Please provide the planning reference number granting your proposed development.
- **Question 10:** Please indicate if full planning permission has been granted. If "yes" enter the date it was granted.
- **Question 11:** Please indicate if there is an existing premises, and where there is, please specify the current use of the premises, for example business or industrial type. If greenfield, please advise 'agricultural'. This will help us to determine the current water demand and wastewater discharge.
- **Question 11.1:** Please specify the date that the development site was last occupied. Your answer will help us to determine the previous water usage of the development. If the site was previously greenfield, then this question does not need to be completed.
- **Question 11.2:** 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 Uisce Éireann, 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 12:** 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 13:** Please indicate if this development is affiliated with a government body/agency, and if so, specify.

Section C | Development details

Question 14: Please detail the number of each property type in the Domestic table provided. For single residential units, use the Single Domestic application form.

Please detail the number of units for each industry/business type in the Industry/business table provided. For single business units use the Single Business Application Form. For housing developments, use the Housing Development application form.

If your proposed business use is not on the list, provide details of the proposed use in 'Other (please specify type)' and enter the number of units.

- **Question 14.1:** Please indicate the maximum expected occupancy for the business/industry units selected. Note: This should be the number of people, according to the proposed development you selected (e.g. Number of office workers, number of nursing home residents, maximum pub occupancy, maximum hotel occupancy, number of retail workers).
- **Question 14.2:** 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 15:** Please indicate the approximate commencement date of works on the development.
- **Question 16:** Please indicate if a phased building approach is to be adopted when developing the site.
- **Question 16.1:** If yes, please provide details of the phase master-plan.
- **Question 16.2:** If yes, please provide details of the proposed variation in water demand/wastewater discharge as a result of the phasing of the development.
- **Question 16.3:** Please specify which phase of the development this application is associated with.
- **Question 16.4:** Please specify the number of dwelling units associated with the overall development.
- **Question 16.5:** Please specify the number of dwelling units associated with this application.
- **Question 17:** Please indicate if the developer will install local infrastructure as defined under the Uisce Éireann Codes of Practice for Water Infrastructure and/or the Uisce Éireann Codes of Practice for Wastewater Infrastructure.

'Local infrastructure' means water supply and wastewater collection pipework and accessories infrastructure that is located within the boundary of the new development and which will be constructed to facilitate water supply or wastewater collection from the individual units within the development, excluding service connections.

Question 18: Please indicate the type of connection required by ticking the appropriate box and proceed to complete the appropriate section or sections.

Section D | Water connection and demand details

- **Question 19:** Please indicate if a water connection already exists for this site.
- **Question 19.1:** Please indicate if this application is for an additional connection to one already installed on the site.
- **Question 19.2:** Please indicate if you are proposing to upgrade the water connection to facilitate an increase in water demand. Uisce Éireann will determine what impact this will have on our infrastructure.
- **Question 19.3:** If the site was previously in use, please provide details of the pre-development peak hour and average hour water demand.
- **Question 20:** Please indicate the approximate date that the proposed connection to the water infrastructure will be required.
- **Question 21:** Please indicate what diameter of water connection is required to service this development. Please note that the connection size provided may be used to determine the connection charge.
- **Question 22:** Please indicate if more than one connection is required to service this development.
- **Question 23:** Please calculate the domestic water demand and include your calculations on the calculation sheet provided. Average domestic daily demand in a development can be established based on daily percapita consumption, house occupancy, number of properties, 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 (I/s). For design purposes, please refer to the Uisce Éireann Codes of Practice for Water Infrastructure.

- **Question 24:** If this connection application is for a business premises, please provide calculations for the water demand and include your calculations on the calculation 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 (I/s). The peak demand for sizing the pipe network will be as per the business production requirements. For design purposes, please refer to the Uisce Éireann Codes of Practice for Water Infrastructure.
- **Question 25:** If this connection application is for an industrial premises, please calculate the water demand and include your calculations on the calculation 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 (I/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 Uisce Éireann Codes of Practice for Water Infrastructure.
- **Question 26:** 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 27:** 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 28:** 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 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 29:** 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 Uisce Éireann network and could be utilised in the event of a fire, Uisce Éireann 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 30:** 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 Uisce Éireann potable water supply is to be protected from cross contamination at the premises.

Section E| Wastewater connection and load details

- **Question 31:** Please indicate if a wastewater connection to a public sewer already exists for this site.
- **Question 31.1:** Please indicate if this application is for an additional wastewater connection to one already installed.
- **Question 31.2:** Please indicate if you are proposing to upgrade the wastewater connection to facilitate an increased discharge. Uisce Éireann will determine what impact this will have on our infrastructure.
- **Question 31.3:** If the site was previously in use, please provide details of the pre-development peak and average wastewater discharge.
- **Question 32:** Please indicate the approximate date that the proposed connection to the wastewater infrastructure will be required.
- **Question 33:** Please indicate what diameter of wastewater connection is required to service this development.
- **Question 34:** Please indicate if more than one connection is required to service this development. Please note that the connection size provided may be used to determine the connection charge.

- **Question 35:** Please calculate the wastewater loading and include your calculations on the calculation sheet provided. Average discharge is the total daily volume divided by a 24-hour time period and expressed in litres per second (I/s). Sewers carrying domestic wastewater from housing developments should be designed to carry a minimum wastewater volume of six times dry weather flows (6DWF). Dry weather flows (DWF) should be taken as 600 litres per dwelling (three persons per house and a per capita wastewater flow of 200 litres per head per day). For design purposes, please refer to the Uisce Éireann Codes of Practice for Wastewater Infrastructure.
- **Question 36:** If this connection application is for a business premises, please provide calculations for the wastewater and include your calculations on the calculation 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 business production requirements. Please refer to the Uisce Éireann Codes of Practice for Wastewater Infrastructure.
- **Question 37:** If this connection application is for an industrial premises, please calculate the wastewater and include your calculations on the calculation 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 (I/s). The peak discharge for sizing the pipe network will be as per the specific business production requirements. Please refer to the Uisce Eireann Codes of Practice for Wastewater Infrastructure.
- **Question 38:** 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 39:** 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 40:** In exceptional circumstances, such as brownfield sites, where the only practical outlet for storm/surface water is to a combined sewer, Uisce Éireann 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 a 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. If so, please submit detailed calculations in relation to attenuation volumes, peak discharges and total discharge volumes.
- **Question 41:** If the development needs to pump its wastewater discharge to gain access to the Uisce Éireann infrastructure, please specify the pump flow rate, timings of discharge, and provide justification for the pumped solution on the calculation sheet provided.
- **Question 42:** 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 43:** 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 44:** 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 Uisce Éireann by email or by post using the contact details provided in Section G.