

# Water Impact Assessment

## Multi Unit and Commercial Developments

This form needs to be submitted as soon as is practicable and prior to any formal planning submission.

Please ensure completion of all sections in order to avoid return of your application. Please refer to our guidance notes before completing your application.

**PLEASE NOTE** - The Water Impact Assessment is a more in-depth service than a Pre-Development Enquiry. It aims to identify the most appropriate point of connection and the indicative hydraulic assessment for servicing the site (as recommended in Pre-Development Enquiry response).

*NI Water will endeavor to provide you with the recommendations from the Water Impact Assessment report within 65 working days of receipt of a complete application. If NI Water are unable to do this you will be contacted and given the reason why, with amended timeframe.*

NI Water will inform the developer if there is insufficient capacity within the water network to accept the new development, advise on what reinforcement of the network is required (if applicable) and next steps. (Where a developer is advised to submit an external watermain requisition application they will be advised of costs and any required contribution as part of the conditional response.)

All applications **MUST** include the following:

- A Site Location Plan 1:2500 map (LPS ACE map will suffice) with the site boundary clearly indicated in red and relative to an existing feature. Any other land owned by the applicant should be shown with a blue line around its boundaries, and if a public right of way exists within or adjoining the site, it should be outlined in green. The 12 figure OS Grid Reference (x,y coordinates) of the approximate mid-point of the site is also required to allow the location to be accessed quickly and to avoid confusion when viewing on our map server

**Pre-Development Enquiry Reference:** \_\_\_\_\_

### 1. Applicant's Details \*This is the person who NI Water will address any technical queries to.

Company Name: \_\_\_\_\_  
 Contact Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Town: \_\_\_\_\_ Tel: \_\_\_\_\_  
 County: \_\_\_\_\_ Mobile: \_\_\_\_\_  
 Postcode: \_\_\_\_\_ Email: \_\_\_\_\_

### 2. Developer Details

\* (If different from (1) – please supply details of all owners – if more than 1 owner please supply details on a separate sheet.)

Company Name: \_\_\_\_\_  
 Contact Name: \_\_\_\_\_  
 Registered Address: \_\_\_\_\_  
 Town: \_\_\_\_\_ Tel: \_\_\_\_\_  
 County: \_\_\_\_\_ Mobile: \_\_\_\_\_  
 Postcode: \_\_\_\_\_ Email: \_\_\_\_\_

### 3. Site Details

Site Name / Project Name: \_\_\_\_\_  
 Site Address: \_\_\_\_\_  
 Town: \_\_\_\_\_  
 County: \_\_\_\_\_ District Council Area: \_\_\_\_\_  
 Postcode (if available): \_\_\_\_\_ OS Grid Ref: \_\_\_\_\_

(Mid-point) (12 fig) (If available e.g. Belfast City Hall 333835, 373984)

<b>Planning Permission</b> Does the site have current planning permission?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
If yes, please provide planning reference number: <i>(please provide copy)</i>			Approval Date: <i>(please provide copy)</i>	
Is the site subject to a current planning application?	Yes	<input type="checkbox"/>	No:	<input type="checkbox"/>
If yes, please provide planning reference number:				

<b>Existing Land Use</b> Does the site have an existing connection to the water mains?  Please provide a brief description of existing land use and existing point of connection (including NI Water Metering Property Reference if applicable):	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>					
<b>Proposed Land Use</b> Please provide a brief description of proposed land Site Description (e.g. new build, conversion, number of properties):									
Anticipated first occupation date (if applicable):									
Anticipated date of final occupation (if applicable):									
<b>Details/ Number of properties to be served/ Phasing (occupancies/year)</b>									
Year 1		Year 2		Year 3		Year 4		Year 5	

Development Type	Residential		Commercial			Industrial		
Building area (m <sup>2</sup> )	(m <sup>2</sup> )		(m <sup>2</sup> )			(m <sup>2</sup> )		
Residential Dwellings	No.	Max No of Storeys						
Number of Units & forecasted employees			No	Max No of Storeys	Forecasted Employees	No	Max No of Storeys	Forecasted Employees
Datum at Lowest point on site (mAoD)	(mAoD)		(mAoD)			(mAoD)		
Datum at highest point on site (or top of building level) (mAoD) <i>*Please indicate on Site Layout Plan</i>	(mAoD)		(mAoD)			(mAoD)		
Details of preferred point of connection: <i>*Please indicate and mark on Site Layout Plan</i>								

#### 4. Water Supply Requirements (please refer to Water Impact Assessment Guidance Notes)

Development Type	Residential	Commercial**				Industrial**			
Water Supply Flow Rate (l/s):	As per residential dwelling details in table above	Anticipated Peak Flow Rate (l/s)		Anticipated Continuous Flow Rate (l/s)		Anticipated Peak Flow Rate (l/s)		Anticipated Continuous Flow Rate (l/s)	
Proposed Size of Connection Required (mm):									
On Site Storage Proposals:  <i>*If Yes, please provide accompanying details</i>		Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
On Site Pumping Proposals:  <i>*If Yes, please provide accompanying details</i>		Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Fire Protection Requirements:  <i>*Please provide accompanying details</i>	Rate of flow required (l/s)?								
	The size of the fire supply (internal pipe diameter) (mm)?								
	Whether the fire supply is to have security of supply (i.e. a dual feed)								
	Proposed Connection point (if different from above)								

\*\*For commercial or industrial properties/developments please complete the Water Loading Units table below:

#### \*\*Water Loading Units Table:

Appliances	Number per unit / property		Loading units	Load (official use only)
	Existing	Proposed		
WC Flushing cistern			2	
Wash basin in a house			1.5	
Wash basin elsewhere			3	
Bath (tap size 20mm)			10	
Bath (tap size >20mm)			22	
Shower			3	
Sink (tap size 15mm)			3	
Sink (tap size >15mm)			5	
Spray Tap			0.5	
Bidet			1.5	
Communal / commercial appliance			10	
Any other water fitting or outlet (including a tap but excluding a urinal or water softener)			3	
Total load (official use only)				

## Documents for Submission with Application:

## Checklist:

- Site Location Plan 1:1250 / 1:2500 map (LPS ACE map will suffice) with the site boundary clearly indicated in red and relative to an existing feature. Any other land owned by the applicant should be shown with a blue line around its boundaries, and if a public right of way exists within or adjoining the site, it should be outlined in green
- A copy of the Site Layout Plan, Scale 1:500 if available (with any existing connections highlighted). This should also indicate high and low points within the development.
- Phasing Plan for the development
- Water Loading Units (Commercial and Industrial properties / developments only)  N/A

Signed: \_\_\_\_\_  
Name (Block Capitals): \_\_\_\_\_  
Company: \_\_\_\_\_  
Position in Company: \_\_\_\_\_  
Date: \_\_\_\_\_

## Submitting your application and paying the application fee

Please return your completed application form and documents for submission to [developerservices@niwater.com](mailto:developerservices@niwater.com). On receipt of your application, we will provide you with details on how to pay the application fee of **£2,250.00 + VAT** by BACS transfer. Please **DO NOT** transfer payment until we have provided you with an application reference number and instructions on how to make payment.

Applications should only be submitted by email.

**Tel:** 03458 770 003

**Email:** [developerservices@niwater.com](mailto:developerservices@niwater.com)

**For more information on how NI Water lawfully processes personal data please refer to our Privacy Notice: <https://www.niwater.com/privacy/>**