APPLICATION FORM

FOR **CONNECTIONS** TO SEWERS AND POTABLE WATER SUPPLIES

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APPLICATION FOR CONNECTION(S) TO SEWER(S) AND POTABLE WATER SUPPLY(S)

Application Reference (for office use only) | E | D | | | | | |

Please complete a form for each new development

(PLEASE ENSURE THAT ALL RELEVANT DETAILS ARE INCLUDED IN YOUR SUBMISSION. IF NOT, THEN THE FORMS WILL BE RETURNED FOR THE MISSING INFORMATION WHICH COULD RESULT IN DELAYING THE PROCESSING OF YOUR APPLICATION)

PLEASE RETURN TO:

Severn Trent Services
PO Box 6468
Coventry
CV3 9NT

Name of applicant	
Address for correspondence	
Telephone	
Fax	
Email address	
Site address where the connection Is to be made (including site group name & ref no).	

Type of works (please tick box as appropriate)

Minor new works, i.e. connection only	Enabling Works, i.e. diversions	Disconnections only (please refer to application for disconnections form)	Major Works, i.e. connections, disconnections and diversions

Connection Date & Project completion date

Connection:		**Completion:**	

Site telephone number

Signature | | **Date** |

Position in Company |

Is this application for (please tick box as necessary)

Potable Water Supply	Foul Sewerage	Surface Water	Fire Fighting

POTABLE CONNECTIONS

Please enclose a plan indicating the location of the development on site and point of required water services (inc. any Fire Protection).

Address/building number of new development	
Plan and connection reference	
What is supply for? (Commercial/Industrial, Fire fighting supply, Tap/field supply, Domestic use)	

What is the net increase of population on site associated with this new development?	**Is the development related to an existing property or is it a new build?**

Is the new build replacing an existing building? - is so what are the existing building numbers (Please complete the appropriate disconnections forms)

Size of connecting pipework (mm)	**Connecting Pipework Material**	**Any New Associated Assets (If yes, please enclose a drawing indicating the dimensions of this asset)**

Average Daily Demand cu. Metres / Day	**Peak Demand cu. Metres / Hour**	**Net Increase in Daily Flow (m3/day)** (only required where disconnections are made)	**Proposed Storage Capacity in Litres** (can be used to balance peak demand)

Please confirm the Defence Infrastructure Fire requirements for both the proposed development and site. Please refer to Water Application Developer Info on next page.

DIFFS Requirements – No of Fire Hydrants ..... (Please attach location plan) Flow at each hydrant

Details of Fire Officer consulted for the above proposed development

Name ..... **Tel** .....

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WATER APPLICATION DEVELOPER INFO

Submitted

Checklist - In addition to the above details please submit the following demonstrating:

		Y	N
1.	Confirmation pipe size is calculated based on peak demand	☐	☐
2.	Confirmation pipe material is suitable for soil conditions	☐	☐
3.	DIFFS note - Fire protection design submitted has been approved by DIO Fire Officer	☐	☐
4.	The accompanying disconnection forms are completed for the buildings which are to be demolished or altered	☐	☐
5.	Designs to indicate meter locations at points of entry	☐	☐
6.	External pipework is not supplied from existing /new buildings (if necessary, the pipework designs to indicate meter locations at points of entry will not be adopted under project Aquatrine)	☐	☐
7.	Existing and new pipework / fittings to be clearly indicated on the design proposal using water industry standards	☐	☐
8.	All external pipework is designed to ensure it is 2m min from the footprint of the building	☐	☐
9.	Designs should indicate size of existing pipework if diversions are required	☐	☐
10.	Please include in your application a typographical survey within the boundary Of the development which must include water and waste water assets	☐	☐

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FOUL CONNECTIONS

Please enclose a plan indicating the location of the development on site and point of required water services.

Address/building number	
Plan and connection reference	
What is connection for? (Commercial/Industrial, Surface water, Land drainage, Domestic)	

Type of Sewer (Separate/ Combined)	Size of connecting pipework (mm)	Connecting Pipework Material	Please list any New Associated Assets (If yes, please enclose a drawing indicating the dimensions of this asset)

Daily Demand cu. Metres / Day	Peak Demand cu. Metres / Hour	Proposed Storage Capacity in Litres

What is the net increase of population on site associated with this new development?	
Is the development related to an existing property or is it a new build?	

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SURFACE WATER

Address/building number	
Ordnance Survey Reference	**E:** **N:**
Is the site currently Greenfield/Brownfield?	
If Brownfield, will the catchment of the new drainage connect to the same- network/outfall?	

If No, use Greenfield (Qbar) runoff rates.

Mode of Discharge:

Ground	Watercourse/body	Sewer
☐	☐	☐

Evidence of discounting the viability of discharging to ground or to a water course/body.

1. **Discharging to Ground not viable due to:**
   a. **Supporting evidence attached** ☐
2. **Discharging to water course/body not viable due to:**
   a. **Supporting evidence attached** ☐

Proposed Discharge rate from the site	L/s
Proposed attenuation provided – Accommodating the 1 in 100yr return period +40% Climate Change	M^3

Type of Sewer (Separate/ Combined)	Size of connecting pipework (mm)	Connecting Pipework Material	Please list any New Associated Assets (If yes, please enclose a drawing indicating the dimensions of this asset)

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In addition to the above details please submit the following;

Drainage Layout plans, details & sections demonstrating:

	Submitted Y / N
1. Contributing Area	☐ ☐
2. Pipe Referencing (associated to schedule), sizes and gradients	☐ ☐
3. MH referencing	☐ ☐
4. Design Parameters; i.e. storage volume accommodating return period and the discharge rates	☐ ☐
5. Flow Control Chamber – Flow control ref.	☐ ☐
6. Outfall Details – Consent to discharge into water bodies, confirmation of invert levels at connection points to existing sewers.	☐ ☐

Drainage Calculations Demonstrating:

	Y / N
11. Contributing Area	☐ ☐
12. Pipe Schedule	☐ ☐
13. Manhole Schedule	☐ ☐
14. Storage Structure	☐ ☐
15. Flow Control Details	☐ ☐
16. Network Results – Critical by All - 1 in 1, 10, 30 & 100 (+ Climate Change)	☐ ☐

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