

Construction Permit for Small Business Water System Checklist

Applicants must provide the following information in addition to a fully completed [Application for a Waterworks Construction Permit](#). More detail may be required after review.

Document	What does this look like?
<input type="checkbox"/> Written summary of proposed works/design brief.	Explain what exactly is being planned for the water system. You can have your contractor/installer to describe in a few sentences.
<input type="checkbox"/> Drawing of: Site Plan	Where the system exists from intake to the tap. Include septic fields, hazards (this is often submitted with your Source Approval).
<input type="checkbox"/> Drawing of: Schematic Diagram(s) "water flow sequence"	A diagram of how the water moves from the intake through the treatment to the tap. This shall also include all piping, valves, gauges and controls.
<input type="checkbox"/> Supporting calculations for design flow, chlorine contact time (if required).	This will be completed by your water specialist who is performing the works. Contact Time Calculation .
<input type="checkbox"/> Does the proposed treatment address the <i>Treatment Objectives</i> outlined in your Source Approval?	If you have chemicals or risks to your source, does the treatment address all aspects?
<input type="checkbox"/> Water treatment equipment list with manufacturer's specifications (for new equipment, specify model, settings, NSF validation, test protocols).	List of all components being installed, and for each piece of equipment in which the water will come into contact with, provide the technical "spec sheets".
<input type="checkbox"/> Water sample results	Chemical, physical and biological results from an accredited lab
<input type="checkbox"/> Procedure to disinfect water system for commissioning	Explain how you will sanitize treatment or water mains prior to human use. List WHO will be responsible for commissioning the new works.

Resources

[Water System Approval Process for Small Business Owners](#)

[FAQ: Water System Approvals for Small Business Owners](#)