

Water design submission checklist



Please make sure that all the following sections are completed. Once complete, send the checklist and your design pack to waterdesign@muagroup.co.uk for approval.

Section 1

To ensure compliance with the standards and regulations, all submitted designs must adhere to the principles outlined in the mua Water standards documents and meet the requirements of the Water Supply (Water Quality) Regulations.

Reference numbers	
mua reference number	MUA
Client reference number	
Applicant's details	
Contact name	
Company name	
Company address	
Email address	
Contact number	
Developer's details (if not the applicant)	
Contact name	
Company name	
Company address	
Email address	
Contact number	
Development details	
Project name	
Project address	
Grid reference (NAV Bulk Meter)	
Construction Design Management Regulations 2015 (CDM 2015)	
CDM client name	
CDM client email address	
CDM client contact number	
Please confirm if the developer/client is aware of their CDM responsibilities (Yes/no)	

Section 2: General – All networks

Documents required for design approvals/validation	Yes, no or n/a
Accepted mua asset value	
Design proposal which must include full extent of works to be constructed	
POC details, inclusive of minimum and maximum pressures	
Bulk supply offer from incumbent	
Red line boundary plan 1:2500 or other suitable scale	
Incumbent NAV bulk meter design and arrangement	
Soil investigation report	
mua Water risk assessment (incumbent RA will suffice)	
Topographical drawing – CAD format	
Fire authority requirements showing position of hydrants – correspondence required	
Risk assessment/method statement detailing any specialist engineering requirements ie major road, rail, bridge or river crossing	
F10 (CDM)	
Details of any future load (Please annotate on design any future capacity allowed for)	
Solicitor's details, if wayleaves or land purchase required	
Environmental Authority (EA, Scottish Environmental Protection Agency (SEPA) or Natural Resources Wales approvals for river/stream crossings, SSSI, etc	
Details of any special features (PS, DMA areas, water sampling points)	
Location of any sluice valves and any temporary hydrant (where applicable)	

Section 3: General – Domestic networks

	Yes, no or n/a
Plots/property type	
Meter details, including: • Meter type, manufacturer and AMR solution • Meter size • Meter location	
Manifold connections / number of supplies	
Internal plumbing layout by house type for WIAPS approval	
Apartment blocks, including: • Meter location • M&E loading calculations • Internal fittings schedule • Service entry points • Internal or external manifold • Potable water tank schematics (if applicable) • Fire sprinkler connection (if applicable) • Number of floors (booster requirements if above 10.5m from draw off level) • Landlord supply (if applicable) • Bin store connections (if applicable)	

Section 4: General – Non-domestic networks

	Yes, no or n/a
Water consumption loading units, including: - Flow rate - Daily required volume	
Non-standard service sized for the load and connection requirements	
Service entry point location	
Landlord supply requirements	
Schematics of the internal connection details, including but not limited to: - Potable water tank (if applicable) - Booster system (if applicable)	
Internal fixtures and fittings	
Internal plumbing layout of commercial development for WIAPS approval	
Proposed firefighting connection requirements (sprinkler system), including: - Sprinkler tank (make & model) - Consumption rates - Internal sprinkler services	
Specification of meter type and AMR solution	
Fire hydrant requirements	
Layout of the commercial unit including floor space and building type	

SLP/ICP competent designer	Date	Signature

For internal use only

Accepted by mua	Date	Signature