

Potable Water Demand Technical Note - Requirements to include:

1. Site and Development Details

- Site location and description
- Planning application reference
- Total number of dwellings proposed
- Breakdown of dwelling types (housing mix)
- Applicant / developer details

2. Policy and Regulatory Context

- Relevant Local Plan policies identified (water efficiency / infrastructure)
- Reference to Building Regulations Part G
- Confirmation of required water efficiency standard (e.g. ≤ 110 litres/person/day)
- Summary of water company position (e.g. constraints / WRMP context)

3. Engagement with Water Company

- Evidence of consultation with relevant water provider
- Summary of key issues raised (e.g. supply constraints, network stress)
- Confirmation of ongoing engagement for infrastructure planning

4. Occupancy and Population Assumptions

- Source of occupancy rates (e.g. LPA assumptions / DPD)
- Occupancy per dwelling type
- Total estimated population for the development

5. Potable Water Demand Calculation

- Identification of water consumption standard applied (125 or 110 l/p/d)
- Calculation of total demand (litres/day) based on population
- Detailed water efficiency calculation (Part G methodology) where required
- Confirmation that proposed development meets ≤ 110 l/p/d target

6. Water Efficiency Measures

- Specification of sanitaryware and fittings (flow rates / volumes)

- Confirmation of compliance with Part G water efficiency requirements
- Details of any additional measures (greywater recycling, rainwater harvesting)
- External water use allowance included

7. Infrastructure and Capacity

- Statement on existing water supply capacity
- Confirmation that capacity exists or improvements will be delivered
- Acknowledgement that network modelling will be required by water company
- Identification of any known infrastructure upgrades (if applicable)

8. Water Supply Requisition

- Timing of water supply requisition (Water Industry Act 1991)
- Confirmation whether requisition is phased or whole-site
- Estimated year(s) of requisition submission

9. Phasing and Delivery Trajectory

- Expected start on site and first occupation
- Annual build-out rates (units per year)
- Phasing of occupations linked to water demand
- Total build-out period

10. Alignment with Water Company Planning

- Confirmation development will be incorporated into RPS and WRMP
- Statement confirming early engagement to enable infrastructure delivery

11. Supporting Information

- Water company consultation responses
- Housing trajectory / phasing plan
- Water efficiency calculations (Part G outputs)
- Supporting technical notes or appendices