

FRESH WATER COOLING TOWERS SCHEME

Requirements of Water Supply Impact Assessment (WSIA)

For applications for any use or development that may cause water supply impacts, applicants may be required to submit, together with their applications, a WSIA¹. The requirements of the WSIA should be agreed with the Water Supplies Department and contain the following information:

- a detailed demand assessment for fresh water;
- an estimated annual water demand build-up trend covering the period from initial completion to full development;
- proposal of connection points to the existing water main network and new mains to be laid from the connection points to the development. The preliminary feasibility of the alignment of any new water mains should be established;
- assessment of the impacts of the additional water demand generated by the proposed development on the existing/planned waterworks infrastructure; and
- proposed measures to improve the water supply system in case it is found that the proposed development will lead to deficiency in the existing/planned waterworks infrastructure.

The applicants may be required to provide detailed calculations and hydraulic assessment if appropriate to support the WSIA.

For enquiry, please contact the Water Supplies Department (Tel: 2824 5000).

Water Supplies Department
June 2026

¹ Submission of the WSIA may be exempted if WSIA has previously been submitted to the Planning Department under Section 16 of the Town Planning Ordinance (Cap. 131) and/or to the WSD for the development. Applicant may employ a consultant with waterworks experience for the preparation work if considered necessary.