



Water Desalination

Client
Water Supplies Department

Location
Hong Kong

Desalination Pilot

Project Description

Hong Kong's Water Supplies Department (WSD) selected CH2M HILL to design, oversee operations, and monitor the performance of a three-year seawater desalination pilot program to evaluate the use of SWRO technology and associated pre- and post treatment processes. All necessary technical requirements and environmental and ecological issues will be identified and the study will provide data for the deliberation of full-scale desalination facilities including technical feasibility and financial viability. Multiple site evaluations will select the most appropriate locations for testing and subsequently siting the full-size facility. The study will also determine the requirements for introducing desalinated seawater into WSD's existing potable water distribution system.

CH2M HILL has been at the forefront of water treatment innovation for more than 50 years and is a renowned leader in the design, engineering, construction, and operation of membrane treatment facilities. The company claims numerous "firsts" in membrane technology application and has successfully completed more than 120 membrane projects in the past 10 years.