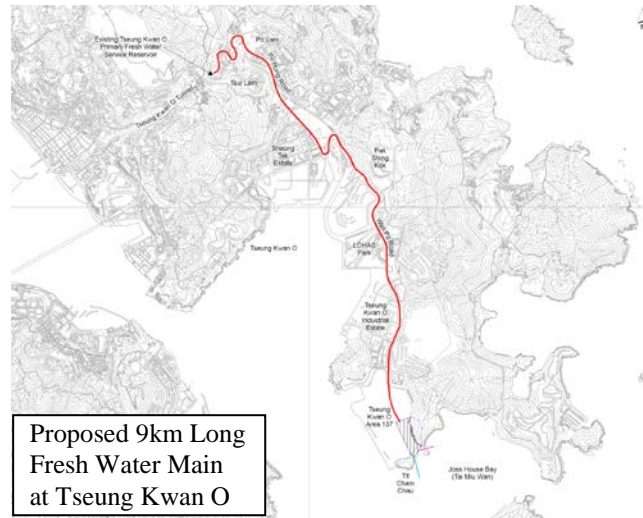


Provision of Services of Independent Environmental Checker for Proposed Desalination Plant in TKO Area 137 for Contract No. 13/WSD/16



CLIENT : WATER SUPPLIES DEPARTMENT

LOCATION : HONG KONG

DATE: JANUARY 2018 – MAY 2021

TAGS: INDEPENDENT ENVIRONMENTAL CHECKER (IEC) WORK, ENVIRONMENTAL AUDIT, DESALINATION PLANT, DESIGNATED PROJECT (DP)

Background

Seawater desalination using reverse osmosis has been proven a viable technology of providing a new water resource. As stated in the 2016-17 Budget, the Government shall endeavour to increase the supply of water from local sources and has reserved a site for the construction of a desalination plant. The output capacity of the desalination plant would meet about 10 % (270Mld) of Hong Kong's fresh water demand upon its operation. The works contract No. 13/WSD/16 is to be executed by WSD comprises the laying of a dedicated trunk feed system capable of transferring outputs from the desalination plant to the existing distribution network, and construction of other associated civil, structural, geotechnical and landscaping works (the Project).

Our Roles

The Project forms part of the proposed desalination plant which is a DP under Schedule 2 of the Environmental Impact Assessment (EIA) Ordinance. The Project therefore requires an Environmental Permit (EP) for construction and operation. In 2015, the EIA Report of the proposed desalination plant was approved and an EP was issued. ANewR has been commissioned as the Independent Environmental Checker (IEC) of the construction phase of the Project, responsible for the review and verification of relevant submissions as required in the EP and the Environmental Monitoring and Auditing (EM&A) Manual. ANewR also reviews and audits the overall EM&A performance by the Environmental Team (ET) and the effectiveness of all environmental mitigation measures implemented by the Contractor. ANewR delivers IEC duties in full compliance with relevant requirements as stated in the EP conditions, approved EIA Report and EM&A Manual.

Key Values to Client

The challenge of being the IEC in the Project is to keep reviewing and monitoring the environmental impacts on residents nearby, especially with a 9km long works area. In tackling the environmental concern of the residents, ANewR provides professional advice on environmental issues in relation to the construction work in cases of non-compliance, and identifies any improvement needs on the environmental performance of the Project so as to prevent any adverse impacts imposed by the construction activities.