

Technical Visit Proposal - (3) Harbour Area Treatment Scheme



Proposed No. of Visitors : 40
Mode of Transport : by Coach
Proposed Itinerary :



8:30 am Assembly at Middle Road, behind Sheraton Hotel, The Conference Venue
 8:45 am Depart for Site Office of HATS Phase II
 9:15 am Arrive at site
 9:30 am Briefing
 10:15 am Site tour
 11:30am Leave for Kowloon
 12:00 pm End of Technical Visit

Programme Highlight :

Our Harbour, Our Heritage, Our Asset

Harbour Area Treatment Scheme (HATS) is a major Government infrastructure project in Hong Kong. It is being implemented in stages to combat water pollution caused by urban development around Victoria Harbour. HATS Stage 1 was commissioned in December 2001 providing treatment to about 75% of sewage from urban areas around the harbour. HATS Stage 2 will be implemented in two phases, Stage 2A and Stage 2B. Stage 2A will provide treatment to the remaining 25% of sewage from the northern and southwestern parts of Hong Kong Island. In addition, a disinfection facility will be installed to further improve the quality of the harbour waters, making it possible to re-open the Tsuen Wan beaches. Stage 2B will provide further biological treatment to the sewage. A review will be carried out in 2010/2011 to determine the time table of implementation of HATS Stage 2B. The full commissioning of HATS can ensure the long term sustainable development of the harbour area.

Sewage Conveyance System

The HATS Stage 2A Sewage Conveyance System (SCS) will comprise a network of tunnels. Vertical shafts connected to the tunnels will collect sewage from the eight PTWs and convey it to Stonecutters Island Sewage Treatment Works. There will be 21km of deep tunnels ranging in diameter from 900mm to 3m. Tunnelling greatly reduces the disturbance to road traffic compared with open trench methods. To ensure that future land development above the tunnel is not significantly constrained, the tunnels are designed to have at least 30m of bedrock cover at depths of 70m to 160m below sea level.

