



Above: When complete in December 2007, the Changi WTP's capacity will exceed 210 million gallons per day.

Right: Excavation of the first pump station is down 20 metres in May 2002 in the upper photo, and almost completed in September 2003 in the lower photo.



Changi WTP Project

Singapore, Singapore

As part of the world's largest wastewater program, the Ministry of the Environment's Deep Tunnel Sewerage System Project (DTSS), Mueser Rutledge Consulting Engineers (MRCE) is providing consulting and design services for 3 large diameter, 70m deep pump stations for CH2M HILL Singapore Pte. Ltd. Services include the analysis and design of the slurry wall shaft for the three pump stations.

CH2MHill and PWD Consultants Pte. Ltd. are designing and managing the construction of the Changi Wastewater Treatment Plant (WTP) in Singapore. The Changi WTP is part of the first phase of the DTSS program, which will help Singapore meet its infrastructure goals and boost economic development, while helping assure higher quality-of-life standards for future decades. When complete in December 2007, the Changi WTPs capacity will exceed 210 million gallons per day.