

PROJECT :-

SG. KELINCHI DAM, TRANSFER TUNNEL, PUMPING STATION & ASSOCIATED WORKS

LOCATION :-

Upper Muar River Basin,
Kuala Pilah District, Negeri Sembilan

CLIENT :-

Jabatan Bekalan Air, Negeri Sembilan

PROJECT COST :-

RM 155 Million

COMPLETION DATE :-

1999

Job Description :-

The Project is an inter-basin transfer of water from Upper Muar catchment to Sg. Terip for augmenting water supply to the 2 districts of Seremban and Port Dickson.

The Detailed Works include :-

- Construction of one 70 meter high modified homogeneous embankment - 270 meter length (reservoir storage 50 million cubic meters)
- Construction of one 54 meter high secondary dam – 554 meter length
- Construction of one 56 meter high multi-level draw-off RC tower
- Construction of 2.7 meter nominal diameter tunnel 6.2 km long
- Associated structures such as pumping station, spillway, access road, intakes etc.

SERVICES PROVIDED :-

- Geotechnical Investigation & Survey
- Hydrology & Hydraulic Studies
- Water Resources Studies
- Environmental Impact Assessment
- Detailed Design, Contract Documentation, Bid Evaluation
- Construction Supervision, Testing, Commissioning & Handing Over



3.2m Dia. bored tunnel with tunnel boring machine



54m high by 554m long secondary dam in the foreground; 70m high by 270m long main dam at centre; and 72m high intake tower with access bridge on the right



Diversion tunnel outfall structure on the left; 20m high pumping station in the centre; and 240m long spillway in the background