

PROJECT :-**SG. TERIP PHASE III TREATMENT PLANT****LOCATION :-**

Km 9.6, Jalan Jelebu, Seremban,
Negeri Sembilan .

OWNER :-

Jabatan Bekalan Air ,
Negeri Sembilan .

CLIENT :-

Salcon Engineering Berhad .

PROJECT COST :-

RM 83.38 million

COMPLETION DATE :-

2002

The scope of the Project comprises of construction, erection, testing and commissioning of all infrastructures and building works, electrical and mechanical installations, instrumentation, SCADA and telemetry system for the completion and proper functioning of Sg. Terip Phase III Treatment Plant. An additional output capacity of 136mld was implemented to cater for water demand for Seremban, Nilai town and has an environment with a total output capacity of 299mld.

The Detail Works include :-

- 150mld capacity raw water intake pumps sited on a 80m long cantilever cable-stayed deck projecting out towards the centre of Sg Terip Dam.
- 1200mm diameter raw water pipes and raw water balancing tank.
- An aerator with a capacity of 282mld to receive raw water from the Sg. Terip Dam.
- Phase III Treatment Works with a nominal output of 136mld and peak output of 171mld treated water generated from the “dissolved air flotation treatment process”.
- Clear water tank and high lift pumping station.
- 1200mm diameter and 750mm diameter mild steel treated water pumping mains to Sg. Terip Reservoir and Mandung Reservoir.
- A 18.18ml Sg. Terip Treated Water Balancing Reservoir.

SERVICES PROVIDED :-

- Planning and Detailed Design
- Project Management
- Programme Management
- Construction Management
- Project Commissioning
- QA/QC



80m LONG CANTILEVERED CABLE STAYED FOR RAW WATER INTAKE



OVERALL VIEW OF SG. TERIP WTP