

PROJECT:-
UPGRADING OF SG. LINGGI WATER TREATMENT PLANT

LOCATION :-
Negeri Sembilan

OWNER :-
Jabatan Bekalan Air Negeri Sembilan

PROJECT COST :-
RM70 Million

COMPLETION DATE:-
1999

DESCRIPTION :-

The project comprises the upgrading of the existing 75Mld (16.5Mgd) water treatment plant to 144Mld (31.5Mgd). Due to acute water shortage, the existing plant was operated 24 hours a day at 100 MLD (33% overload). Most equipment are old and space for plant extension was limited. This plant is the sole source of supply for Port Dickson, a very important tourist destination.

Upgrading Works Include

- River weir gates
- Raw water intake, pump station and 1200mm dia. raw water pipeline
- Treatment works – new cascade aerator, 4 nos. new sludge blanket clarifiers, modification of existing LOVO tanks to sludge blanket design, improvement of existing sludge blanket clarifiers and rapid gravity sand filters and restoration of washwater recovery system.
- Ozonation plant
- Chemical plant
- 14km of mm dia. Treated water main

SERVICES PROVIDED:-

- Study planning and detailed design.
- Tender preparation and evaluation.
- Contract documentation.
- Construction supervision.



SLUDGE BLANKET CLARIFIERS



OVERALL VIEW OF SG. LINGGI WATER TREATMENT PLANT



SG. LINGGI WEIR GATES