

PROJECT:-

SLUDGE TREATMENT PLANT AT SG. SEMENYIH WATER TREATMENT PLANT

LOCATION :-

Sg. Semenyih, Selangor, Malaysia

OWNER :-

Konsortium Abass Sdn Bhd

PROJECT COST :-

RM46 Million

COMPLETION DATE:-

2004

DESCRIPTION :-

Design of sludge treatment facilities (STF) for a nominal 640 Mld WTP output at normal maximum raw water turbidity up to 700 NTU and is capable of handling up to 600 ton DS/d which comprises the following:-

- Effluent Holding Tanks (EHT) c/w sludge thickener feed pumps
- Gravity Sludge Thickeners (GST)
- Sludge Dewatering Building, housing
 - Sludge holding tanks (SHT)
 - Sludge dewatering feed pumps
 - Sludge dewatering centrifuges
 - Packaged polymer preparation units for sludge thickening and dewatering
 - Wastewater recovery tank c/w recovery pumps
 - Control room
- Dewatered Sludge Cake Storage Yard



GRAVITY SLUDGE THICKENERS



SLUDGE DEWATERING CENTRIFUGES

SERVICES PROVIDED :-

Detailed engineering investigation, topographical survey, soil investigation, detailed design, tender documentation and construction supervision.



SLUDGE TREATMENT FACILITIES



EFFLUENT HOLDING TANKS