

**PROJECT:-**

**MUDA RIVER WATER SUPPLY SCHEME  
EXPANSION OF MENGGUANG DAM AND RAW WATER TRANSFER WORKS**

**LOCATION :-**  
Pulau Pinang

**OWNER :-**  
Jabatan Bekalan Air, Pulau Pinang

**PROJECT COST :-**  
RM180 Million

**COMPLETION DATE:-**  
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**DESCRIPTION :-**

Construction of a dual function raw water transfer system to deliver, 330Mld by pumping and 948Mld by gravity. The arrangement comprises 4 nos. of 82.5Mld vertical split case pumpsets powered by variable speed driven motors. The pipeline involves 14km of 2.5m FID pipes and 4km of 2m FID pipes.

**SERVICES PROVIDED :-**

Topographical survey, soil investigation, utilities detection survey, feasibility study, preliminary environmental impact assessment and detailed engineering design.



**MENGGUANG DAM**



**OVERALL LAYOUT**