



WASTEWATER TREATMENT

Member Australian Water Association



WASTEWATER TREATMENT AND DISPOSAL BY AEROBIC SAND FILTRATION

A CONCEPT to provide:
FLOOD MITIGATION to Cities of IPSWICH & BRISBANE
in event of FLOOD DUE TO DISCHARGE from
BREMER RIVER, LOCKYER CREEK & BRISBANE RIVER
CATCHMENTS

CONCEPT:

Divert part of the flood flow discharging from the three above-mentioned catchments directly cross-country to the Ocean by means of a **pump station & pipeline complex** situated at the intersection of Lockyer Creek & Brisbane River.

ENERGY SUPPLY:

- Water turbine
 - Electrical power grid
 - Off-peak energy storage at Wivenhoe Dam
 - On-site power station
 - Gravity assistance
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REFERENCES:

- Hoover Dam
 - Snowy Mountains Hydro-Electricity Scheme
 - Wivenhoe-Boondooma Pipeline
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