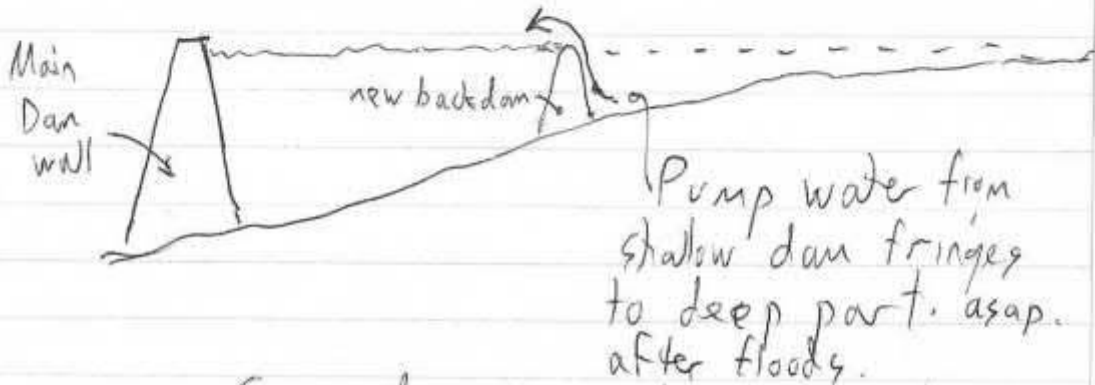


Back dams on Burrending Reservoir

- eliminate maybe 60% of evaporation loss



- Save dam capacity by capturing silt behind back dams, not in the main deep part of the dam

◦ needs more government work and management but this is far outweighed by cost of water saved. ~~from water could~~

- Avoid some pumping costs using a pipe bypassing the front part of the dam.

Managed Aquifer Recharge

with aquifers not always full

MAR requires aquifer storage space

Current policy requires aquifers to remain always full (within sustainable recharge). New policy could allow MAR to save lots of evaporation loss if the requirement to keep aquifers full is removed and replaced with compensation measures to owners of shallow bores - so they can be replaced with pipes to deeper bores or storages.