



8 March 2011

**To The Queensland Floods Commission of Enquiry**

Dear Sir,

The following Civil Engineers who graduated from the University of Queensland in 1952 have prepared this submission.

BING BROWN.....

MEYRICK CROKER.....

JOHN DAY.....

BEVAN SCOTT.....

We all participated with the National Trust of Queensland in urging the Government not to proceed with the proposed North Bank development as the proposed development would have increased flooding upstream.

We were very relieved when the government announced that the North Bank development would not go ahead.

We still meet regularly and submit our proposals to help minimize flooding in the Brisbane area.

**1. Increase the flood mitigation compartment of Wivenhoe and Somerset Dams**

At present we understand that the lower 40% capacity of Wivenhoe and Somerset dams is used for urban water supply while the upper 60% is kept permanently empty to reduce the height of floods in Brisbane river downstream of Wivenhoe dam in both the urban and rural areas bordering the river.

We propose the flood compartment be increased thus decreasing the water supply compartment.

Instead of a ratio of 60 to 40 we propose that the ratio be in the vicinity of 70 to 30.

This change would require that additional water be sourced from elsewhere

**2. Build the Wolffdene Dam to Supplement the Supply of Water to the Brisbane Region**

Dams provide a much cheaper water supply for a city than desalination plants and although the cost of resuming land that has been developed in the catchment area to date may be high we feel that the ultimate benefits for the city would be considerable.

We urge the government to resume the developed land and build the dam.

**3. Defer building the proposed additional desalination plants**

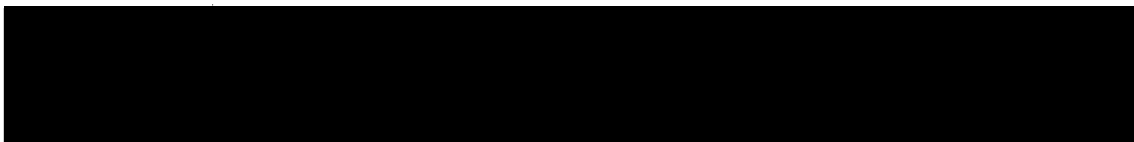
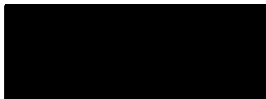
If the Wolffdene dam is built then the proposed additional desalination plants could be deferred.

**4. Maintenance Dredging of the Brisbane River**

Consideration should be given to the dredging of the Brisbane River to remove the build up of gravel, sand and silt so that a satisfactory river cross-section is maintained to ensure the maximum discharge of water during floods.

We would be happy to discuss our proposals with officers of the flood commission of enquiry.

Yours faithfully



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