

From Allen Peter **Date** Thursday, 25 November 2010 1:56:40 PM
To Guppy Ron
Cc
Subject RE: North Pine Dam Flood Mitigation Manual

Ron,

As discussed, given the nature of the minor changes to the North Pine Manual, I am prepared to accept the latest version. I have therefore completed the decision form for Procedure 5.1 approving the Manual. Can you please proceed with the preparation of the Gazettal notice?

Peter Allen

Director Dam Safety (Water Supply)

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From: Guppy Ron
Sent: Wednesday, 24 November 2010 3:04 PM
To: Allen Peter
Subject: North Pine Dam Flood Mitigation Manual

While the current approved manual does not expire till 28/9/2012 SEQWater have already requested by letter of 13th August 2010 approval of an updated manual. In the lead up to this request we had a number of discussions with SEQWater and the Senior Flood Operations Engineers to get content we believed was satisfactory. The changes proposed to the currently gazetted manual are considered quite minor. The operational changes are confined to the final stages of draining the storage back to FSL - the last 150mm - and are included to increase the flexibility with operations so that inundation of Young's Crossing downstream of the dam and fish recovery can be managed better.

Given the recent interest in the Wivenhoe and Somerset Dams Manual maybe we should circulate this latest revision to others before it is approved. The only Council really affected by releases is Moreton Bay Regional Council. Brisbane City being to the south of the South Pine River has limited connection for normal operations. Beside them, there is potentially EMQ and Water Grid Manager (?). Also are you aware of anything that was brought up about the other manual that warrants revisions here.

As you are aware this dam is not able to be operated as a flood mitigation storage because of the very limited capacity to store water above FSL and the rapid catchment response. Full Supply Level is at EL 39.6 and the top of the radial gates when closed is EL 40.2 so the dam needs to operated on a 'what comes in must go out' basis.

Otherwise if you're happy with as it is I can prepare a recommendation for gazettal of the manual.

Ron Guppy
Principal Engineer (Dam Safety)

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