



From Guppy Ron **Date** Tuesday, 7 December 2010 9:10:10 AM
To Executive Council Team
Cc Allen Peter
Subject Gazettal of Flood Mitigation Manual Approval Notice

 [gazettal request dec 6.pdf](#) (35 KB HTML)

 [approval decision notice dec 6.pdf](#) (166 KB HTML)  [draft NPD Dec10 gazette notice.doc](#) (45 KB HTML)

Attached is a request for gazettal of a notice approving a flood mitigation manual for North Pine Dam and two attachments that go with the notice.

As per the request for publication can you arrange publication please. As indicated on the scanned copy of the Decision Notice the Director, Dam Safety (Water Supply) is a delegated officer for such decisions about Flood Mitigation Manuals.

Though the draft notice has been prepared as if gazettal will occur this year it is not critical that this occur.

<<gazettal request dec 6.pdf>> <<approval decision notice dec 6.pdf>> <<draft NPD Dec10 gazette notice.doc>>

Ron Guppy
Principal Engineer (Dam Safety)
Office of the Water Supply Regulator
Telephone [REDACTED] Facsimile [REDACTED]
Mobile [REDACTED] Email: [REDACTED]
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Department of Environment and Resource Management
Level 3, 41 George Street, Brisbane QLD 4000
GPO Box 2454, Brisbane Q 4001

Request for Publication in the Gazette

Your ref: Our ref: DAM/130/000(344)
Author: Ron Guppy Phone: (07) 3224 7215
Fax: (07) 3224 7999

Date: 6 December 2010
From: Peter Allen, Director, Dam Safety, Office of Water Supply Regulator
To: Executive Council Team, Cabinet and Parliamentary Services
Subject: Publishing of a notice in the gazette – Approval of Flood Mitigation Manual

BACKGROUND

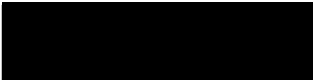
Seqwater has sought approval of a Flood Mitigation Manual for North Pine Dam. Section 371(2) of the *Water Supply (Safety and Reliability) Act 2008* provides that approval of a Flood Mitigation Manual is by notice in the Government Gazette. The decision to give approval to the Flood Mitigation Manual was made on 6th December 2010 as per attachment.

I certify that the attached:

- a) draft gazette notice in relation to the approval of the Flood Mitigation Manual for North Pine Dam, and
- b) copy of Decision Notice approving the Flood Mitigation Manual for 5 years

in relation to the approval of the Flood Mitigation Manual, are correct.

The Costing Code to be charged for publishing the Gazette Notice is WGBANEEA06
Please forward for publishing in the Queensland Government Gazette.


Peter Allen
Director, Dam Safety
Office of Water Supply Regulator
Att (2)

ECT USE ONLY

ANTICIPATED DATE OF GAZETAL

/ /

ECT Reference No.

ECT documentation Prepared

/ /

Proof Checked

/ /

This request has been authorised by publication in the Government Gazette of / /

ECT Enquires - Phone  Email to: 

FLOOD MITIGATION MANUAL ASSESSMENT AND DECISION FORM

General Information

Name of dam North Pine Dam

Reference number (from Referable Dam Register) # 334

Dam owner contact details John Tibaldi

Date dam owner requested approval of flood mitigation manual 13th August 2010

Manual for which approval is requested Manual of Operational Procedures for Flood Mitigation at North Pine Dam, Revision 5, August 2010

DERM file details CBD/024083

Name / position of action officer Ron Guppy

Name / position of decision maker Peter Allen, Director Dam Safety (Water Supply)

Due date for completion of review _____

FLOOD MITIGATION MANUAL CHECKLIST

	Issue	Y or N or a rating from 0-5 where 0 = lowest and 5 = highest, as appropriate	Comments
Direction of operations			
1.	Does the manual include the following		
	<ul style="list-style-type: none"> Operational arrangements to unambiguously define flood release operations for the dam during flood events 	5	Yes – Details in Manual
	<ul style="list-style-type: none"> Designation and responsibilities of those responsible for Flood Operations including qualifications and experience. 	5	Yes – Details in Manual
2.	Does the manual cover training for relevant personnel	5	Yes
3.	Does the manual detail the follow reporting requirements		
	<ul style="list-style-type: none"> Training 	5	Yes
	<ul style="list-style-type: none"> Flood preparedness 	5	Yes
	<ul style="list-style-type: none"> Flood event reporting 	5	Yes
Flood Mitigation Objectives			
4.	Does the manual cover the following objectives and assign priorities to each objective:-		
	<ul style="list-style-type: none"> Structural safety of dam/s 	5	Yes – Details in Manual
	<ul style="list-style-type: none"> Protection of urbanised areas from inundation 	5	Yes – Details in Manual
	<ul style="list-style-type: none"> Minimise disruption to downstream rural communities (if applicable) 	5	Yes – Details in Manual – North Pine has very limited flood mitigation capability There is sufficient 'discretion' during the closing phase to minimise disruption to Young's Crossing.
	<ul style="list-style-type: none"> Minimise impact on flora and fauna 	5	Yes – Details in Manual – Primarily of concern during the final closing of the gates at the end of a release.
Flood monitoring and forecasting			
5.	Does the manual detail the provision of real time flood data to BOM for the issuing of flood warnings and any necessary flood modelling?	5	Yes – Details in Manual

Issue		Y or N or a rating from 0-5 where 0 = lowest and 5 = highest, as appropriate	Comments
6.	Have details of the operation of the overall operating system been included	5	Yes – Details in Manual
7.	Does the manual detail an appropriate flood monitoring and forecasting system?	5	Yes – Details in Manual
Communications			
8.	Does the manual cover communications with the following: <ul style="list-style-type: none"> Stakeholder agencies (e.g. Bureau of Meteorology, DERM, relevant councils affected by the dam) Operational staff employed by the dam owner Public 	5	Yes – Details in Manual
		5	Yes – Details in Manual
		5	Yes but covered more completely in Flood Protocol
Review			
9.	Does the manual allow for variation to the document when technical and physical conditions relating to the dam change.	5	Yes – The mechanism for change would normally be triggered by a Flood Event Report produced after each flood event involving flood releases.
10.	If no other changes are required (as per No. 9 above) does the manual include details of the mandatory review that is required within the time frame set by the chief executive? Note: the manual should include details such as <ul style="list-style-type: none"> how detailed the review should be things to be considered during the review. A review may or may not result in a change to the manual.	5	Yes these details are covered
Operation during flood events			
11.	Does the manual include details of:		
12.	<ul style="list-style-type: none"> infrastructure for flood releases (this may include diagrammatic representations) 	5	Yes – Schematics provided to identify gate numbering.

Issue		Y or N or a rating from 0-5 where 0 = lowest and 5 = highest, as appropriate	Comments
	• details of structures to be considered during flood operations	5	Yes
	• Discharge rating information for gates, spillways and auxiliary spillways	5	Yes
	• Initial flood control action	5	Yes
	• Flood operation strategies	5	Yes – Primarily requires a nominated gate opening for given headwater levels
	• Gate closing strategies	5	Yes
	• Gate operation sequences	5	Yes
Emergency flood operations			
13.	Does the manual include information on emergency flood operations	5	Yes – Loss of communications procedures
14.	Are flood operations consistent with the Emergency Action Plan (EAP)?	5	Yes
Amendments since previous manual			
15.	Does the manual provide a summary of changes and why they are necessary?		No but there was an attached summary detailing the changes.
Consultation			
16.	Are any stakeholders adversely affected by the changes? If so, has the dam owner consulted with relevant stakeholders?	No	The changes primarily relate to the shut down phase at the end of the event. Road users of Young's Crossing are expected to be largely unaffected by the changes.
17.	Have concerns/issues raised by stakeholders been raised by stakeholders? If so, have the concerns been addressed in the manual?		Not applicable

Comment on the results of the detailed assessment of the manual. In particular comment on the overall extent and significance of any non-compliance with the issues in the checklist or any failures to address the above issues adequately or in sufficient detail

There are no outstanding issues. The manual is compliant with DERM requirements

Recommendation and decision

Action officer's recommendation to decision maker (tick appropriate box/es and delete those not needed)

Approve the Flood Mitigation Manual

Reasons for recommendation to approve the manual

<< Comment on the consequences of approving the flood mitigation manual >>

Reject the Flood Mitigation Manual

Reasons for recommendation to reject the manual

<<insert reasons for recommendation to reject manual >>

Require additional information about the flood mitigation manual

Details of additional information required

<<insert details of additional information >>

Suggest a reasonable time frame for the information to be provided to the chief executive

<<insert timeframe >>

Evidence for the findings

Note: Documents, information, Acts, standards and guidelines that were considered in the course of carrying out this assessment and making this recommendation. List all contacts with the dam owner, information given to the dam owner and information received or used in making the recommendation.

- *Water Supply (Safety and Reliability) Act 2008;*
- Work practice DS 5.1 Assessing a flood mitigation manual for a dam (WIR/2009/3991 in the policy register);
- Work practice OWSR 2.2 Guidelines for Decision Making (WIR/2005/2053 in Policy Register)
- DERM file CBD/024083
- The decision maker's own experience in flood operations at North Pine Dam

Findings on material facts

Note: That is, the results of the flood mitigation manual checklist.

- The owner of the dam prepared a flood mitigation manual for North Pine Dam and submitted it to the department for approval on 13 August 2010.
- The manual incorporates all necessary components to be effective.

Reasons for the recommendation

Note: These are the real reasons for the conclusion, in this part you assess the evidence and say how it was applied; you give a logical explanation for the recommendation.

- The manual incorporates all necessary components to be an effective Flood Mitigation Manual.

Certification and signature of action officer

I have complied with the procedure for flood mitigation manuals for a dam when making this recommendation. I have taken the material described above, the requirements of the *Water Supply (Safety and Reliability) Act 2008*, relevant guidelines, the matters outlined in the procedure for processing a flood mitigation manual and departmental training I have received, into account when making this recommendation.

Signature of action officer _____

Date recommendation made <<Insert Date>> _____

Decision maker's decision (tick appropriate box/es and delete those not needed)

Authority to make decision

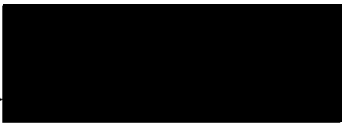
Water Supply (Chief Executive) Delegation No. 1 2010

Approve the flood mitigation manual

Duration for which approval is given: 5 years

Certification and signature of decision maker

I have complied with the procedure for flood mitigation manual for a dam when making this decision. I have taken the action officer's recommendation and the documents and information described above into account when making this decision.

Signature of decision maker  _____

Date of decision 6th December 2010 _____

Water Supply (Safety and Reliability) Act 2008

**APPROVAL OF FLOOD MITIGATION MANUAL NOTICE
(No 02) 2010**

Short title

1. This notice may be cited as the *Approval of Flood Mitigation Manual Notice (No 02) 2010*.

Approval of flood mitigation manual [s.371 of the Act]

2. Notice is hereby given that the Chief Executive on 6 December 2010 approved the Manual of Operational Procedures for Flood Mitigation at North Pine Dam, Revision 5, August 2010 as a flood mitigation manual.

3. This approval is for a period of 5 years.

ENDNOTES

1. Published in the Gazette on ???????? 2010
2. Not required to be laid before the Legislative Assembly.
3. The administering agency is the Department of Environment and Resource Management.

Gov. Gaz., 22 January 2010, No. 15 page 127

Government Printer, Brisbane

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From Guppy Ron **Date** Friday, 17 December 2010 11:23:59 AM
To 'John Tibaldi'
Cc Allen Peter
Subject North Pine Dam Flood Mitigation Manual

 **FMM Gazettal_16_12_10.pdf** (94 KB [HTML](#))

John

The approval notice (copy attached) for the latest revision of the North Pine Dam Manual appears in today's gazette. I'll get a formal letter to Seqwater away within the next week.

<<FMM Gazettal_16_12_10.pdf>>

Ron Guppy
Principal Engineer (Dam Safety)
Office of the Water Supply Regulator
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Level 3, 41 George Street, Brisbane QLD 4000
GPO Box 2454, Brisbane Q 4001



Queensland
Government

Department of
Environment and Resource
Management

File / Ref number: DAM/130/000(0334)

21 December 2010

Peter Borrows
Chief Executive Officer
Queensland Bulk Water Supply Authority
PO Box 16146
CITY EAST, QLD, 4002

Dear Sir

Flood Mitigation Manual, North Pine Dam

Your letter of 13 August 2010 requesting approval of the updated flood mitigation manual submitted for North Pine Dam refers.

By publication of a notice in the Gazette the 'Manual of Operational Procedures for Flood Mitigation at North Pine Dam, Revision 5, August 2010' has been approved as a Flood Mitigation Manual. The approval is for five years from 6 December 2010.

I enclose a copy of the gazette notice for your records.

Controlled copies of the updated manual will need to be distributed to the agencies listed in Appendix B of the manual.

Should you have any further enquiries, please do not hesitate to contact Mr Ron Guppy, Principal Engineer, Dam Safety of the department on telephone [REDACTED]

Yours sincerely

[REDACTED]

Peter Allen
Director, Dam Safety (Water Supply)

Postal Address
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Brisbane Qld 4001

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Website
www.derm.qld.gov.au
ABN 83 705 537 586

Water Supply (Safety and Reliability) Act 2008

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ENDNOTES

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2. Not required to be laid before the Legislative Assembly.
3. The administering agency is the Department of Environment and Resource Management.

Gov. Gaz., 17 December 2010, No. 114 page 1102

Government Printer, Brisbane

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