



From: Colin Apelt [redacted]
Sent: Wednesday, 9 March 2011 12:30 AM
To: Jim Pruss
Subject: Re: Reports
Attachments: Report to Seqwater_ Manual Compliance.docx; ATT00001.txt

Hello Jim

The report I prepared in response to your letter, as sent to UniQuest for their processing and formal submission to Seqwater, is attached.

Though this is in the nature of advice pending UniQuest's action, you can assure your Board that the contents of the report from UniQuest will be identical with this advice. It will be dressed up in UniQuest format - hence the rather 'ponderous' nature of what is a brief report!

Regards
Colin

P.S. I am happy with the report to BCC and with the response of the Lord Mayor and his Executive to it. The Media release seemed to have little impact - but I am not concerned because that may save me from phone callers!

----- Original Message -----

From: Jim Pruss
To: 'colin apelt' [redacted]
Sent: Tuesday, March 08, 2011 8:38 PM
Subject: Re: Reports

Thanks colin

Most appreciated

Hope today went well for you

From: Colin Apelt [mailto:[redacted]]
Sent: Tuesday, March 08, 2011 08:11 PM
To: Jim Pruss
Subject: Re: Reports

Hello Jim,

I am planning to complete my report tonight and to send it immediately to UniQuest for transmittal to Seqwater as a formal document by your deadline of cob Thursday. I doubt that UniQuest will be able to process it in time for your Board Meeting tomorrow, so I will send you the text of my report, as advice, which will be replaced (without change of substance) by the formal UniQuest document.

Regards
Colin

----- Original Message -----

From: Jim Pruss
To: Colin Apelt
Sent: Tuesday, March 08, 2011 2:29 PM
Subject: RE: Reports

QFCI

Date: 8/2/12 JM

Exhibit Number: 1108

Uniquet Project No. 16984

Report Prepared for: Water Delivery QLD Bulk Water Supply Authority *trading as Seqwater*

Subject: Review of Seqwater Document "January 2011 Flood Event - Report on the operation of Somerset Dam and Wivenhoe Dam" 2 March 2011

Date:

Report Prepared By: Emeritus Professor C.J. Apelt BE, DPhil (Oxon), FIEAust.

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1. INTRODUCTION

Emeritus Professor Apelt was engaged by UniQuest Pty Limited at the request of Seqwater to undertake independent reviews and to provide advice on various matters in relation to the recent flood events, in particular the January Flood Event.

This report provides the findings of the review that has been carried out by Professor Apelt in response to the letter from the Executive General Manager, Water Delivery QLD Bulk Water Supply Authority *trading as* Seqwater, dated March 07, 2011. This letter specified that, at this time, the review should be confined to answering the two following questions:

1. The January 2011 Flood Event occurred between 6 January 2011 and 19 January 2011. Was the release of water from Wivenhoe Dam and Somerset Dam during the January 2011 Flood Event in accordance with The Manual of Operational Procedures for Flood Mitigation at Wivenhoe Dam and Somerset Dam (Revision 7)?
2. Based on the information contained in the Report, were there any aspects relating to the operation of Wivenhoe Dam and the operation of Somerset Dam during the January 2011 Flood Event **not** in accordance with The Manual of Operational Procedures for Flood Mitigation at Wivenhoe Dam and Somerset Dam (Revision 7)?

2. REVIEW PROCESS

The document, "January 2011 Flood Event - Report on the operation of Somerset Dam and Wivenhoe Dam", dated 2 March 2011 has been reviewed and particular attention has been given at this time to the Executive Summary and to the following Chapters

- 2 Flood Event summary
- 9 Dam inflow and flood release details
- 10 Flood management strategies and manual compliance
- 19 Report conclusions

3. REVIEW FINDINGS

3.1 Question 1 - Response

After detailed review of the information provided in sections 2, 9 and 10 of the Report, Professor Apelt has concluded that the release of water from Wivenhoe Dam and Somerset Dam during the January 2011 Flood Event was in accordance with The Manual of Operational Procedures for Flood Mitigation at Wivenhoe Dam and Somerset Dam (Revision 7), throughout the entire period from 6 January 2011 to 19 January 2011.

3.2 Question 2 - Response

During his review of the information contained in the Report, Professor Apelt did not detect any aspect relating to the operation of Wivenhoe Dam and the operation of Somerset Dam during the January 2011 Flood Event that was **not** in accordance with The Manual of Operational Procedures for Flood Mitigation at Wivenhoe Dam and Somerset Dam (Revision 7).

4. CONCLUSION

The findings reported above have been developed independently by Professor Apelt from his review of the document cited above, without reference to any other source of any nature.

