

**From:** Rob Drury  
**Sent:** Wednesday, 19 January 2011 6:25 PM  
**To:** Peter Borrows  
**Cc:** Jim Pruss  
**Subject:** RE: Colin Apelt  
**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Peter,

Some thoughts below.

I intend to get back for meeting but depends on what happens at Wivenhoe.

The draft table of contents for the Report to be done by the FOC could cover

- Introduction
- Flood Event Summary
- Mobilisation and Staffing
- Event Rainfall
- Inflow and Release Details
- Data Collection System Performance
- Data Analysis Performance
- Communication Processes
- Flood Management Strategies and Manual Compliance
- Improvements in data collection systems, practices and processes
- Improvements by interacting agencies - e.g. mid-brisbane bridges, emergency processes
- Restrictions in processes or management – e.g. what difficulties encountered that could be improved
- Review of factors impacting on the protection of urban areas – WTPs, intakes, irrigators, industries d/d e.g. sand & gravel
- Recommendations & Conclusions

The report would then be peer reviewed by Colin Apelt and the Dam Safety Regulator covering

- Coverage of the report – does it cover enough
- Compliance with the manual
- Consideration of what improvements to systems and practices could be investigated or implemented to improve Seqwater's ability to predict inflows into the dams and manage releases, e.g. stream gauges, ALERT stations, work practices, new technologies
- Consideration of possible improvements or studies into Seqwater's facilities that may improve Seqwater's ability to manage events, e.g. investigations into increased flood storage capacity of the dams.
- Consideration of possible changes to the facilities or work practices of other organisations that may assist in the management of floods, e.g. bridge capabilities downstream of Wivenhoe (does increasing their flow capacity assist), emergency management procedures, communication systems, new technologies, etc.
- Consideration of the Flood Manual in terms of priorities, flood release strategies, time to empty, etc to give indication of what studies may be required into the Manual and Flood management in general.
- Any other issues or areas considered relevant..

It would not be expected that Col Apelt's review would solve all these issues but would give indications of where more detailed investigations may be required. If a detailed study of the flood mitigation management and the Manual is considered necessary to assess priorities,

5/02/2012

QFCI

Date:

7/2/12 Jm

Exhibit Number:

1082

procedures, risks, etc, then it may be that an expert panel with Colin Apelt, DERM, Seqwater, BoM, affected Local Governments and other stakeholders as necessary would oversee the work.

Rob

Robert Drury  
Dam Operations Manager  
Water Delivery  
Queensland Bulk Water Supply Authority trading as Seqwater



Swimming in weirs and fast flowing water is FATAL.

**rethink it.**



Ph [REDACTED]  
Wivenhoe Dam, Brisbane Valley Highway, via Fernvale Q4306 Australia  
PO Box 37, Fernvale QLD 4306  
Website | [www.seqwater.com.au](http://www.seqwater.com.au)

---

**From:** Peter Borrows  
**Sent:** Tuesday, 18 January 2011 3:54 PM  
**To:** Sarah Zeljko; Arnou Pruden  
**Cc:** Rob Drury; Jim Pruss  
**Subject:** RE: Colin Apelt

Thanks Sarah.

Please see notes on E Mail.

Arnou, can you have all this available for me for my meeting with Colin Apelt on Thursday.

Regards, Peter.

Peter Borrows  
Chief Executive Officer  
Queensland Bulk Water Supply Authority trading as Seqwater



Ph [REDACTED]  
Level 3, 240 Margaret St, Brisbane City QLD 4000  
PO Box 16146, City East QLD 4002  
Website | [www.seqwater.com.au](http://www.seqwater.com.au)



---

**From:** Sarah Zeljko  
**Sent:** Tuesday, 18 January 2011 3:35 PM

5/02/2012

**To:** Peter Borrows  
**Subject:** Colin Apelt

Dear Peter

Please find attached an updated AS4122 based on the information you provided.

Could you please discuss with Colin Apelt the following:  OK

- Will he be trading under a company name?
- Could we please have an address.

Some questions for you;

Does the following correctly describe the scope of works you are looking for?  Yes

“Peer review technical information prepared for various reporting and other information requirements following the January 2011 Brisbane and Ipswich Floods.”

Do you want to be the Client’s Representative or should we change it to Rob Drury?  I will be

Please note;

- We need to insert an hourly rate and also the disbursements that he will be entitled to claim for (it may be best to get him to provide these).  OK
- You asked for a 12 month term with option to extend by mutual agreement however the AS4122 does need a contract term as it is based on a “project”. Accordingly, it can be mutually terminated at any time.  OK

Let me know if you need anything further.

regards

Sarah Zeljko  
Manager, Legal and Risk Services  
Queensland Bulk Water Supply Authority *trading as Seqwater*



Ph

Level 3, 240 Margaret St, Brisbane City QLD 4000 Australia  
PO Box 16146, City East QLD 4002  
Website | [www.seqwater.com.au](http://www.seqwater.com.au)