

**Debbie Best - Statement and exhibits dated  
1 February 2012**

Our ref: Doc 1837293

30 January 2012

Debbie Best  
Deputy Director-General  
Department of Environment and Resource Management  
GPO Box 2454  
Brisbane QLD 4001

### REQUIREMENT TO PROVIDE STATEMENT TO COMMISSION OF INQUIRY

I, Justice Catherine E Holmes, Commissioner of Inquiry, pursuant to section 5(1)(d) of the *Commissions of Inquiry Act 1950* (Qld), require Debbie Best to provide a written statement, under oath or affirmation, to the Queensland Floods Commission of Inquiry, in which the said Debbie Best gives an account of:

1. her understanding, in the period between 7 January 2011 to 12 January 2011, of which flood operations strategies, referred to in the 'Manual of Operational Procedures for Flood Mitigation at Wivenhoe Dam and Somerset Dam', were used in the operation of Wivenhoe Dam between 7 January 2011 and 12 January 2011 and the times at which each strategy was in use
2. how, if at all, that understanding changed since 12 January 2011 and the reason for the change in understanding
3. her understanding of any differences between the account of the choice and timing of the dam operations strategies employed to manage the flood event in the SEQ Water Grid Manager and Seqwater Ministerial Briefing Note to the Minister for Natural Resources, Mines and Energy and Minister for Trade that appears as attachment SR-12 to Exhibit 11 before the Queensland Floods Commission of Inquiry ('January Report') and the Seqwater report titled 'January 2011 Flood Event – Report on the operation of Somerset Dam and Wivenhoe Dam' and dated 2 March 2011 that appears as Exhibit 24 before the Queensland Floods Commission of Inquiry ('March Report')
4. when she first became aware of the differences, if any, referred to in paragraph 3 above
5. all discussions, correspondence, meetings or briefings she participated in, in relation to the January Report and the March Report, and in respect of these identifying any that related to the differences between the reports referred to in paragraph 3 above

6. any decision made, or action taken, by her in relation to the differences, if any, referred to paragraph 3 above.

In addressing these matters, Debbie Best is to:

- provide all information in her possession and identify the source or sources of that information;
- make commentary and provide opinions she is qualified to give as to the appropriateness of particular actions or decisions and the basis of that commentary or opinion.

All documents relating to the matters set out in the Statement should be included as attachments to the statement.

The statement is to be provided to the Queensland Floods Commission of Inquiry by 4pm Wednesday, 1 February 2012.

The statement can be provided by post, email or by arranging delivery to the Commission by emailing [info@floodcommission.qld.gov.au](mailto:info@floodcommission.qld.gov.au).



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Commissioner  
Justice C E Holmes

11.1

2.40

- SEQ sitting up in WGM Emergency Room
- Worst case Scenario
- Other flows driving releases.

2 Scenarios Being modelled

→ 6,500 cumecs release out of dam

→ 10,000 cumecs.

8.3m

Probability is dropping, inflows are dropping

→ 5 o'clock

2,750 Dam

3,000 hockey

Bremner

→ 190%

- 9,000 properties, impacted seriously
  - 33,000 homes - affected
- currently

no homes inundated.

1.2 m over walkways

14.00 tomorrow - high

0.30 Thurs - 5.4 m

Ipswich 11m 2.30

Meeting with LGAQ, Qld WD.

### Priorities

- (1) Finalise policy positions - work with LGAQ / Qld WD. Old Water
- (2) Keeping communication going especially with industry
- (3) Importance of regulatory simpl.
  - Disclosure of information re performance -
  - Quality of perf. links to reporting measures of performance in public domain → drives perf. outcomes rather than process
- \* (4) Need to check on the information on assessment of WSPs - data <sup>about their</sup> release of the data? <sup>people using</sup> information <sup>Australia</sup>
- (5) COAG Report on Infrastructure + Report + Productivity Commission report →
  - Need to consider
- \* ← Get back into contact fairly soon
- (6) DWQ
  - concern re timeframes re Small in 2 years - how are Smalls preparing for this timeframe?
  - Need to continue work on this original plan through risk assessment -
  - Need to maintain the focus
  - Capacity building
- \* Need to get landing on approach importance of having information to advise government.

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## SDMG

Bom. - Weather

Rain band - will weaken tomorrow

6-8 hrs of intense rain.

some falls 50-60 mm.

clearing late morning

Peter Baddely

updating 4 hrs

7 pm

• Levels higher than '74 -5.4m.

• Subject to peak inflow hookyer.

• Increases inflows to hookyer & Brammer

• Rapidly rising in Ipswich

→ Various buildings in CBD.

→ DPW contacting each

→ Space above these levels.



SDM6

- critical govt infrastructure
- 4.5m today
- 5.5m tomorrow
- 9,500 cumecs
- hydrological monitoring - centenary
- hard trayer - flood maps 12,500 cumecs
- P. worst case scenarios
- condamine peaked ↓
- Churchill<sup>x</sup> - 7.5m predicted
- Gundi - within 400 cms of levee top -
- B'berg + Gympie - steady
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- Texas - 10.5m - close watch.
- Kilroy - WTP
- Ipswich -
- Rosewood -
- Toogoolawa -
- Bus service close down 1.00

11.05 Peak approaching Mt Crosby. 26m. This aft.  
Ipswich 20.5m - Wed afternoon/evening  
Gundah - 12.15 rising - about 2 metres to  
rise - around midnight  
Blane - 3.66 rising - quick rate of  
rise - 4.5m high tide - 5.5m Thurs  
similar to 74; morning + afternoon.  
high tide  
Commence falling after morning high tide  
Friday.  
18.24 hrs at high levels.  
noon - next update

WT plant at Theodore operational

Taskforce

1 and 4.00 tomorrow

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- Barry / Dan
  - Interface with DRS
  - QUVs - when demand ↑ - how deal with pressure points → need strong links
  - How deal with this for 7 days.  
need long term arrangements.
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Flood Recovery Taskforce



7.1.11

Deputy Premier

{ Constituent - why not making  
water free to Toowoomba.  
area

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## Meeting with Minister's Office

(1) Halifax Issue -

Consider WA - 5 year time model  
Actions: { See if can exercise a small part for camping  
providing broader access

(2) 1991 + Studies on plume which went out  
over the Reef. - let Christine know.

(3) Brief Minister on Carbon Farming next week.

(4) SCH - Consider staged dev. of the policy - m'g 17 Jan  
15% settled? Could release RAS + criteria 24 Jan 2011  
"formative" - what did Premier?

← Flood planning where does it fit in terms  
of 5 committees - check with Natalie.

Hydrogr. appropriate acknowledgment.

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Discussion with Paul Lowe, Acting DG  
DIP

- need to get together early next week
- specifics of concerns.
- need to resolve which committee considers.

Discussion with Natalie  
policy issue shared home to DIP.

## List for Terry

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- (2) Sweep of fees, charges, consultation, regulatory requirements - how present
- (3) mine update  
CS 6  
Power station "
- (4) Cougar issue
- (5) Environment Taskforce.
- (6) WTP, STP, waste
- (7) Recovery liaison officer for Taskforce.
- (8) SOCC / SDMG.

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## SDCC

### BOM

R'fall 100-120ml, south of M'B.

Upper low off Capricorn coast - will cross coast later this evening

Heavier falls late tonight, tomorrow - below Sunshine Coast

Eastern D.D. - tonight

Plenty of rain in tropics

Rain  $\nearrow$  NW + far west from Tues.

By Thursday - easing in a fall in SE.

B'bane 200/300 ml tomorrow - upper limit in isolated spots

100/150 more likely

### Hydrology

Salonne, holding steady at 13.2 metres

Will fall away slowly

### SEQ -

Gympie + M'B - high risk areas

Sunshine Coast -

Gympie peaked at 14. East right - possible higher than 17m if continue to get high rainfalls

M'B 8.2m - initial peak - depends on rain between Gympie + M'B.

Failure of ring tank south of Dirranbandi yesterday

10. Teleconference

Rob Drury -

- 300,000 of the 1.4 m. in Wavenhoe. ; 200/300,000 in Somerset  
→ have to start releasing large  
100,000 m<sup>3</sup> coming down the river

→ looking at urban ~~expos.~~ inundations

→ will impact on bridges

mt Crosby Weir →

Furnivali <sup>valley</sup>

B'bane <sup>valley</sup> way will go under.

College's Crossing

could go out by itself by hockyer k.

14,000  
noon 25,000 m<sup>3</sup>/5

if rain continues  
effort to keep  
under this figure  
aiming to get to 2 1/2 m<sup>3</sup>  
maybe 5 days to get  
rid of water

Wed - see impacts

2500 will go up.

→ 3,500 m<sup>3</sup> - urban  
damage

comb. flows lower  
B'bane at moogel

aim to keep under this

releasing based on what has fallen

Col Jensen - activated their Flood Centre.

Big release which has to be managed.

Will go through with SCC again.

Release for morning radio

1 Bridges

Have mitigated the effect - so much water  
rain, inflows

1/2 flood buffer in 24 hours.

1700 moving to 2500

→ 3,500

- releasing 1/3 of what coming in

8.30

→ 10.00

9.45

11.00

Meeting with Minister re SEQ

9.38

Currently 172,000 ML/day - 8% of Wivenhoe  
3,500 m<sup>3</sup> / sec -

Releasing for 6 to 7 days

Trying to keep below 74. - Flood manual takes over.

might have to release 4000, / 4,500 cumecs.

Impact felt probably Tues/Wed.

1.5 to 2 m ML event

BCC - modelling of which areas which  
will be flooded.

Current inflows 12,000 ML - 6'6 Stanley  
into dams

Bremner + hockey 2000 ML

3rd Issue - lands Slake

- possible landslide preventing access  
for chemicals.

- access into plants a problem!

Protocol - WGM - communicates releases

- BCC - " affects on homes etc.

Need to include in releases - heights  
of rises

Key message 2,000 ML instead  
12,000 ML.

Overlay of 74 versus this

Barry to chase

→ QWI - update on Wyaralong.



\* Neil Muller } on the same page re tourism  
Jim Groves }  
Graham Byron } told to Christine  
(OOO)

WRS / → look at lines re characterising as not worth  
→ need stronger argument about why protect.  
→ doesn't describe anything about indigenous  
gla.  
→ Stronger recs:  
→ need to reflect govt. position about outstations  
→ check the intrusion of people  
→ mention remaining Cape York nomenclature

12.30 Teleconference re Wivenhoe

52% above FSL -

Current release strategy  $2000 \text{ cm}^2/\text{sec}$

25,000 ML/sec at Moggill

Inflows - 12,000  $\text{cm}^2$

(Somerset + Wivenhoe)

Target is for 3,500 cm/sec at Moggill

as projections for hocky + Bremner ↓

↑ releases from Wivenhoe - maintain  
3,500 cm at Moggill

Peter B. - situation changing by the hour  
continuing significant rainfall; flows  
are ↑

expected peak

further 50-100 mm rain up to 150 mm

new revised strategy

when Wivenhoe over 78% FSL -

dam safety takes predominant

↑ release in next hour.

- most likely above 3,500 cm at Moggill

- no releases of this magnitude before

- max release rates in Somerset + Wivenhoe?

Bom modelling 3,700 cm at Moggill

will advise new figures

3.30pm warning

Tide → will add 1.2 m.  
City Council

4,000 cm at

1.6m - AHD → BOM

Tide → 3.1 m - 6,500 properties partially inundated  
heights 221 fully inundated.

3500cm/s

3.5/3.7m

by Wed.

2pm high tide

Col - to share inundation maps

BCC - planning for release mid afternoon

DPC - offered assistance to sandbagging

Port office - city gauge

BOM - needs to give estimated height at  
Port office (Ipswich, Meggill, Tindale)  
metres AHD at Port office

Ken Smith - issue of statewide consistency

Need break up effects of  
Wavenhoe

Tides

Other places AHD of dam walls

Ipswich - could have 11m -

Actions:

1. Peter B. finishing release strategy -  
2.30

Melting - 3.00

P, Min, Barry, Ian Stewart,  
D. Shanky

Ipswich - possibly 13m - 3am in morning

Too soon to see -

Dalley - not peaked yet; split in 2 by the creek;  
potential inundation of 300. about the peak  
same as 10 days ago. could go to 3.8m

Gympie 20m peak - tonight.

Highway cut in a number of places.

Ipswich - 11.7 + 12 m

11.7m threshold to ~~very~~ major - if all eventuates  
with high rainfall totals -

Brisbane

need to move to 4,000 cm/sec

Wivenhoe 2,500 - 3,000 + hooky + Bremner  
to get to 4,000 cm/sec.

Dependant on cell - could go to 5000 cm/sec.

Wed 2pm - impact greatest in terms of tide  
peak up to 3m

→ Co-ordinated approach to approvals

→ environmental officers  
hydrographers  
coastal scientists

early alert

→ offers for assistance to Mike Short

→ Talk to QFF  
LGAQ.

→ BCP for CBD / Mun House.

WGM

• Independent Expert advice on dam safety  
+ release strategy

• 9.57 - 10.30

Water Supplies →

→

→

9 incidents - E coli

(largest) ↑ power  
reservoirs down  
to 50 %  
howeod - evacuation

Brian Wospi - Head of NSW Dam Safety

Geoff Glison -

Ian Hamblent Jones -

WGM-SDC

Crosby - fine - supplies of caustic ok issue

Landus shoot - is isolated - ledge at Palmwoods  
can operate remote, low levels of lines -  
in next 24 hrs - front of plant.

Shifting some demand on Imagine flat - might  
have to do restrictions

Moosa - okay

Gold Coast - okay

Redlands - okay

Capalaba - "

min 6mg/day.

Kennellworth - an issue

{ Discussions to occur how  
to better manage

---

Alistair Dawson



## Update for ministers

Currently releasing aiming to restrict  
4,500 cm/sec with no r'fall  
Can go max 7,500 - 9000 cm/sec.  
if fuse plug release - uncontrolled  
2,000 cm/sec in addition  
Bom modelling 6,000 / 4,500 cm/sec  
Peak on Thurs - 4+ metres - metre + half  
below 1974 ams.  
BCC 6,800 cm with rain.

planning to evacuate 2,000 residents  
going up by 3,500 to 4,000 - reviewing  
hours. Increase by 300 in steps -  
an increase seen at Moggill in 24 hrs.  
Giving Bom worst case this morning.

Reservoirs 75% full.

Kilcoy - no power - WTP isolated -  
helicopter in staff

biggest issue reticulated supply  
Linville, howood, ESK, } - no WTP.

Jemna - lost pump

Waverhol - no power

Tarong - concern back flow into the  
storage.

might have to make call re keep  
supplying water for public health  
+ not at ADWG standards.

 Minister

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→ BCP for CBD / Mun House.

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Independent Expert advice on dam safety  
& release strategy

19.57 - 10.30

Water Supplies →

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Kilcoy - no power - WTP isolated -  
helicopter in staff

biggest issue reticulated supply  
Linville, howood, ESK, } - no WTP.

Gemna - lost pump

Wivenhoe - no power

Tarong - concern back flow into the  
storage.

might have to make call re keep  
supplying water for public health  
+ not at ADWG standards.

 Minister

**From:** Dan Spiller [REDACTED]  
**Sent:** Friday, 7 January 2011 8:27 AM  
**To:** step hen.robertson [REDACTED]; lance.mccallum [REDACTED];  
Tim.Watts [REDACTED]; Geoff.Stead [REDACTED];  
Lauren.Sims [REDACTED]; Best Debbie; 'Martin.Peter [REDACTED];  
'Dunn.Kerry [REDACTED]  
**Cc:** Rob Drury; Mike Foster; Media @ SEQWGM; Reilly Bob  
**Subject:** Update on dam gate releases  
**Follow Up Flag:** Follow up  
**Flag Status:** Re d  
**Attachments:** Technical Situation Report W29.docx

All,

Attached is the updated technical situation report.

There has been widespread rainfall in most of the dam catchments. These inflows have triggering the need for gate releases, with forecasts of between 100 and 200 mm of further rainfall over the next five days.

For Wivenhoe and Somerset dams, key points are:

- There has been general falls of around 30 to 50 mm since Wednesday, with isolated peaks of up to 75mm. About 230,000 ML will need to be released, based on estimated flows into the dam.
- There has been heavier rainfall in the Lockyer Creek catchment, which flows into the Brisbane River below the dam wall. Without dam releases, these flows are likely to result in Burtons Bridge being inundated by mid afternoon today – again isolating up to 50 households.
- Dam releases are expected to commence late tonight or early tomorrow, once existing Lockyer Valley flows have peaked – minimising downstream impacts and deferring the inundation of Burtons Bridge.
- At this stage, releases are expected to be at a similar rate to the recent events (up to about 105,000 ML/day) and continue until Monday or Tuesday next week (depending on further rainfall).

North Pine and Leslie Harrison dams are also making gate releases. Youngs Crossing has been inundated.

Councils have been advised. Somerset is contacting key affected residents.

We will provide an update once the timing of releases has been fixed.

Please contact me if you require any further information.

Regards,  
Dan

**Daniel Spiller**

Director, Operations

**SEQ Water Grid Manager**

Phone: [REDACTED]

Email: [REDACTED]

Visit: Level 15, 53 Albert Street Brisbane

Post: PO Box 16205, City East QLD 4002

ABN: 14783 317 630

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**From:** Dan Spiller [REDACTED]  
**Sent:** Friday, 7 January 2011 4:24 PM  
**To:** step hen.robertson [REDACTED] lance.mccallum [REDACTED]  
 Tim.Watts [REDACTED] Geoff.Stead [REDACTED]  
 Lauren.Sims [REDACTED] Best Debbie; 'Martin.Peter [REDACTED];  
 'Dunn.KerryC [REDACTED]  
**Cc:** Rob Drury; Mike Foster; Media @ SEQWGM; Reilly Bob  
**Subject:** Update on Wivenhoe Dam releases  
**Follow Up Flag:** Follow up  
**Flag Status:** Completed  
**Attachments:** Technical Situation Report W30.docx

All,

Attached is the updated technical situation report.

For Wivenhoe Dam, key points are:

- The first of the gates has opened. The release rate is planned to be increased to about 1,200 m3/s by 1400 Saturday. This is a similar release rate to last week.
- Burtons Bridge is again inundated, isolating some residents.
- Councils have been advised of this strategy and are contacting residents as necessary.
- The releases will have a minimal impact on the level of the Brisbane River in the City Reach. Seqwater and BoM concur that a total flow of a 1,500m3/s adds about 50mm to the expected water levels at that location.
- Due to atmospheric conditions, current recorded high tide levels are 0.4 to 0.5 metres higher than predicted tides.

North Pine and Leslie Harrison dams are also making gate releases. Releases from Hinze Dam are likely to be required over the weekend.

Please contact me if you require any further information.

Regards,  
 Dan

**Daniel Spiller**

Director, Operations

**SEQ Water Grid Manager**

Phone: [REDACTED]

Email: [REDACTED]

Visit: Level 15, 53 Albert Street Brisbane

Post: PO Box 16205, City East QLD 4002

ABN: 14783 317 630

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**From:** Dan Spiller [REDACTED]  
**Sent:** Saturday, 8 January 2011 8:59 AM  
**To:** step hen.robertson [REDACTED]; Lance McCallum [REDACTED]; Tim Watts ([REDACTED]); Geoff Stead (geoff.stead@ministerial.qld.gov.au); Lauren [REDACTED]; Best Debbie; Martin.Peter [REDACTED]; Dunn.Kerry [REDACTED]  
**Cc:** Rob Drury [REDACTED]; mfoster [REDACTED] Media @ SEQWGM; Brown Damien; Reilly Bob; Madgwick.Darren [REDACTED]; Denner Scott @ SEQWGM  
**Subject:** Water Grid operations update: 8/1/11  
**Follow Up Flag:** Follow up  
**Flag Status:** Completed  
**Attachments:** Technical Situation Report W31.docx  
 All,

## Dam releases

Attached is the current technical situation report.

Releases are being made from Somerset, Wivenhoe, North Pine and Leslie Harrison dams, with forecasts of high rainfall totals over the next four days.

For Wivenhoe Dam:

- All five gates are now open with the release rate planned to increase to 1200 cubic metres per second by midday today. This release rate is less than peak release from October 2010.
- The release strategy will continue to be reviewed based on actual rainfall. With significant inflows, it may need to be increased.
- As advised yesterday, a number of local bridges have been inundated by releases and local flows. The Fernvale and Mt Crosby Weir Bridges could potentially also be affected if predicted rainfall totals eventuate.
- The BoM and Seqwater concur that current releases will increase the level of the lower Brisbane River by about 50 to 100mm. There is currently a 40 to 50mm atmospheric anomaly.

Releases from North Pine and Leslie Harrison dams are continuing. Releases from Hinze Dam are expected to be required over the weekend.

## Water treatment

In terms of operations, Lockyer Valley flows have again caused a turbidity spike in the Brisbane River. Impacts are expected to peak today at Mt Crosby today, before being diluted by dam releases. There are similar issues at some other locations.

Despite the spike, all key plants are currently operating within critical limits with any impacts being monitored. Seqwater and Linkwater have prepared for potential issues by increasing treated water storage and staffing at some treatment plants. Desalination is at one-third capacity and ready to increase production within two hours of an instruction (but is unlikely to be required in this event).

With forecast rainfall, these type of issues are likely to recur over the remainder of the wet season.

Please call me on [REDACTED] if you require any further information.

Regards,  
 Dan

---

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**From:** Dan Spiller [REDACTED]  
**Sent:** Sunday, 9 January 2011 8:14 AM  
**To:** step hen.robertson [REDACTED]; Lance McCallum ([REDACTED]); Tim Watts [REDACTED]; Geoff Stead ([REDACTED]); Lauren Sims [REDACTED]; Best Debbie; Martin.Peter [REDACTED]; Dunn.Kerry [REDACTED]  
**Cc:** Rob Drury ([REDACTED]); pbird [REDACTED] Media @ SEQWGM; Brown Damien; Reilly Bob; Madgwick.Darren [REDACTED]  
**Subject:** Water Grid operations update: 9/1  
**Follow Up Flag:** Follow up  
**Flag Status:** Read  
**Attachments:** Technical Situation Report W32.docx

All,

Current technical situation report.

Key points are:

- Wivenhoe Dam is continuing releases at about 116,000 ML/day. Releases are expected to continue until at least Wednesday.
- A severe weather warning remains current for dam catchments. There has been heavy rainfall in the Somerset Dam catchment over the past two hours.
- The release strategy will continue to be reviewed based on actual rainfall.
- Releases are being made so as to avoid inundating the Fernvale and Mt Crosby Weir Bridges. Other flows may impact on the bridges, should the forecast rainfall eventuate.
- North Pine Dam may cease releases today or tomorrow morning, depending upon actual rainfall.
- Many dams and recreation areas are closed.

Please call me on [REDACTED] if you require any further information.

Regards,  
 Daniel Spiller

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**From:** Dan Spiller [D [REDACTED]]  
**Sent:** Sunday, 9 January 2011 9:27 PM  
**To:** 'Rob Drury'; Dennien Barry @ SEQWGM; Lyons Michael @ SEQWGM; Media @ SEQWGM; Best Debbie; Denner Scott @ SEQWGM; pbird [REDACTED] 'sstevensor [REDACTED]  
**Subject:** FW: Technical Report W34

**Follow Up Flag:** Follow up

**Flag Status:** Re d

**Attachments:** Technical Situation Report W34.docx

Technical report below.

Teleconference at 9.30.

Details are:

Phone: [REDACTED]

PIN: [REDACTED]

Regards,  
 Dan

---

**From:** Rob Drury [REDACTED]  
**Sent:** Sunday, January 09, 2011 9:18 PM  
**To:** Rob Drury; Dan Spiller  
**Cc:** Peter Borrows; Stan Stevenson; Mike Foster; Paul Bird; David Roberts; Arminda Roberts  
**Subject:** RE: Technical Report W34

See attached report W34.

Rob

#### Robert Drury

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

 Seqwater\_No-Lifeguards-Here\_email\_strap

 cid:image001.png@01CA24E1.BD

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:** Rob Drury  
**Sent:** Sunday, 9 January 2011 7:26 AM  
**To:** Rob Drury; 'Dan Spiller'  
**Cc:** Peter Borrows; Stan Stevenson; Mike Foster; Paul Bird; David Roberts; Arminda Roberts  
**Subject:** RE: Technical Report W31

Please find attached Report W31.

13/02/2012

Basically continuing releases to maintain 1600 cumecs total flow in the mid Brisbane but watching predicted rainfall as the strategy may change. Fernvale and Mt Crosby bridges still should be unaffected but does depend on what rain we get today or tomorrow.

Rob

**Robert Drury**


Dam Operations Manager

Water Delivery

Queensland Bulk Water Supply Authority *trading as Seqwater*

 Seqwater\_No-Lifeguards-Here\_email\_strap

 cid:image001.png@01CA24E1.BD

Ph   
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:** Rob Drury  
**Sent:** Saturday, 8 January 2011 7:46 AM  
**To:** Rob Drury; 'Dan Spiller'  
**Cc:** Peter Borrows; Stan Stevenson; Mike Foster; Paul Bird; David Roberts  
**Subject:** RE: Technical Report W31

Attached report number W31.

Rob

**Robert Drury**


Dam Operations Manager

Water Delivery

Queensland Bulk Water Supply Authority *trading as Seqwater*

 Seqwater\_No-Lifeguards-Here\_email\_strap

 cid:image001.png@01CA24E1.BD

Ph   
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)

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**From:** Dan Spiller [REDACTED]  
**Sent:** Sunday, 9 January 2011 11:07 PM  
**To:** step hen [REDACTED]; Ken Smith [REDACTED]; Lance McCallum [REDACTED]; Tim Watts [REDACTED]; Geoff Stead [REDACTED]; Lauren [REDACTED]; Best Debbie; Martin.Peter [REDACTED]; Dunn.KerryG@ [REDACTED]  
**Cc:** 'Rob Drury'; pbird [REDACTED]; 'sstevenson [REDACTED]; Media @ SEQWGM; Denner Scott @ SEQWGM; Madgwick.Darren [REDACTED]; Brown Damien; Reilly Bob  
**Subject:** Updated Wivenhoe Dam release strategy  
**Follow Up Flag:** Follow up  
**Flag Status:** Re d  
**Attachments:** Technical Situation Report W34.docx

All,

Latest advice from the Flood Control Centre attached.

There has been 100 to 300mm of rainfall in the Wivenhoe and Somerset dam catchments over the past 24 hours. Rainfall of similar magnitudes is expected over the next 12 to 24 hours.

At this time, including forecast rainfall, total inflows will exceed 1,000,000 ML and may approach 1,500,000 ML - in the order of the 1974 flood volume.

To date, the primary objective for this event has been managing to prevent inundation of the Mt Crosby Weir and Fernvale Bridges.

With the forecast volumes, this primary objective is being changed to minimizing the risk of urban inundation. This involves larger releases now, minimizing the risk of even larger releases later (were the flood compartment to reach high levels).

Urban inundation in the City reaches generally commences at total river flows of about 3,500 cubic metres per second (dam releases plus Lockyer and Bremer). At this time, and depending upon overnight rainfall, the Flood Control Centre is proposing to increase releases from around 1,200 to 2,500 cubic metres per second from midday tomorrow. This provides an allowance for other flows.

The Mt Crosby Weir and Fernvale bridges will certainly be inundated - isolating or inconveniencing many Brisbane Valley residents. The timing will depend largely on local flows, with the river having recently increased to be about one foot below the deck. Seqwater is preparing the bridge to be inundated, and may need to close it tonight. However, other flows permitting, we will delay inundating the bridge until tomorrow night - providing notice for impacted residents.

Actions to date:

- Notified Councils (up to the CEO level at BCC)
- Notified Police (Assistant Commissioner)
- Increasing treated water storage and preparing treatment plants, should there again be increased turbidity levels or other operational issues.

A media advice is being prepared now, for review and issue by 7am. The advice will address the closure of the bridges, with the intent of providing as much notice as possible to impacted residents (if not already closed). Impacts on the City reaches will be addressed following further consultation with Council (with there being a 20+ hour transit time).

It is important to note that the dams are managing impacts by delaying and reducing releases. For comparison, peak flows into the dam are forecast to reach up to 7,500 cubic metres per second - excluding any downstream flows.

Please call me on [REDACTED] if you require any further information.

13/02/2012

Regards,  
Daniel Spiller

---

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**From:** Rob Drury [REDACTED]  
**Sent:** Monday, 10 January 2011 7:53 AM  
**To:** Rob Drury; spiller daniel @ SEQWGM; Dennien Barry @ SEQWGM; Lyons Michael @ SEQWGM; Media @ SEQWGM; Best Debbie; Denner Scott @ SEQWGM; Paul Bird; Stan Stevenson; Peter Borrows; Allen Peter  
**Subject:** RE: Technical Report W35  
**Attachments:** Technical Situation Report W35.docx

[Attached report W35.](#)

Rob

**Robert Drury**

Dam Operations Manager

Water Delivery

Queensland Bulk Water Supply Authority *trading as Seqwater*

 Seqwater\_No-Lifeguards-Here\_email\_strap

 cid:image001.png@01CA24E1.BD

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)

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**From:** Dan Spiller [REDACTED]  
**Sent:** Monday, 10 January 2011 9:46 AM  
**To:** step hen.robertson [REDACTED] ken.smith [REDACTED]  
 lance.mccallum [REDACTED] Tim.Watts [REDACTED]  
 Geoff.Stead [REDACTED] Lauren.Sims [REDACTED] Best Debbie;  
 'Martin.Peter [REDACTED]'; 'Dunn.KerryG [REDACTED]  
**Cc:** Rob Drury; Paul Bird; Media @ SEQWGM; Brown Damien; Reilly Bob;  
 Madgwick.DarrenT [REDACTED]; 'Stan Stevenson'  
**Subject:** Water Grid operations update  
**Follow Up Flag:** Follow up  
**Flag Status:** Read  
**Attachments:** Technical Situation Report W36.docx

All,

Current situation report attached. We are distributing this version of the Technical Support Report to Councils and BoM now. We are seeking their formal input and endorsement by 1pm, prior to finalising and speaking publicly to our release strategy.

For dam operations, key points are:

- There is continuing heavy rainfall in catchments. Total inflows will be at least 1,500,000 ML and probably above 2,100,000 ML.
- As a result, Wivenhoe Dam is above 140% of capacity and Somerset is above 150%, with both rising fast.
- As specified in the approved Operational Procedures, the primary objective is now to minimizing the risk of urban inundation (release strategy W2). This involves larger releases now, minimizing the risk of even larger releases later (were the flood compartment to reach high levels).
- Consistent with this release strategy, dam releases have increased to 1,750 cubic metres per second (150,000 ML/day). It is expected to increase to 2,600 cubic metres per second by midday tomorrow.
- As specified in the approved Operational Manual, we are targeting maximum flow in the Brisbane River of 3,500 cumecs at Moggill. This is the levels above which urban inundation begins.
- For comparison, flows would be up to 12,000 cumecs without the dams.

For water treatment, key points are:

- Key facilities are operating and reservoir levels are high. Mt Crosby WTP is producing at 250 ML/day and desalination at one-third of capacity.
- There are a range of smaller plants that have been impacts, due to inundation of infrastructure, connections or stranding of operators. We are working through these issues and will advise if any become critical.

Please call me on [REDACTED] if you require any further information.

Regards,  
 Dan

**Daniel Spiller**

Director, Operations

**SEQ Water Grid Manager**

Phone: [REDACTED]

Email: [REDACTED]

Visit: Level 15, 53 Albert Street Brisbane

Post: PO Box 16205, City East QLD 4002

ABN: 14783 317 630

13/02/2012



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**From:** Barry Dennien [REDACTED]  
**Sent:** Monday, 10 January 2011 6:45 PM  
**To:** Madgwick.DarrenT [REDACTED]; Dunn.KerryG [REDACTED]; Martin.PeterJ [REDACTED]  
**Cc:** spiller daniel @ SEQWGM; Best Debbie  
**Attachments:** img-110173945-0001.jpg; Technical Situation Report W37.docx

Folks

Please find latest Technical report on Wivenhoe releases, BOM forecast of river heights accounting for the releases and downstream flows, and BCC flood maps accounting for the releases and downstream flows. Brisbane forecasts of properties impacted.

Further updates will be issued tomorrow morning.

Australian Government Bureau of Meteorology Queensland

**PRIORITY**

FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE INCLUDING BRISBANE CITY Issued at 4:16 PM on Monday the 10th of January 2011 by the Bureau of Meteorology, Brisbane.

Stream level rises causing moderate to major flooding are being recorded in Lockyer Creek, Warrill Creek and along the Bremer River. Major flood levels are likely at Ipswich during Tuesday.

Wivenhoe dam is providing significant mitigation of upper Brisbane floods. River flows from the Bremer and Lockyer catchments combined with releases from Wivenhoe dam are expected to increase levels in Brisbane overnight and through Tuesday.

At the Brisbane City Gauge, a river levels of about 2.1 metres is expected with the afternoon high tide on Tuesday and about 3 metres is expected with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

**LOCKYER CREEK:**

Further rainfall during Monday has led to renewed rises in the Lockyer Creek catchment. Rainfall is forecast to continue this evening and a return to moderate to major flood levels is expected overnight and during Tuesday. Major flood levels are expected to continue at Lyons Bridge with rises above 15 metres likely during Tuesday.

**BREMER RIVER:**

Rainfall during Monday will lead to renewed rises and a return to moderate flood levels along the Bremer River to Walloon. Levels over 5 metres are expected at Rosewood overnight.

The Bremer River at Ipswich is expected to reach about 12.7 metres on Tuesday afternoon. Higher levels are possible.

**WARRILL CREEK**

Further rainfall during Monday will lead to increasing river levels along Warrill Creek with levels expected to reach above 6 metres at Amberley overnight.

**MIDDLE AND LOWER BRISBANE:**

13/02/2012

SEQwater advises releases from Wivenhoe Dam will increase during Monday. Moderate flooding is expected at Savages Crossing and at Mt Crosby Weir overnight tonight and during Tuesday.

The Brisbane River at the City Gauge (lower end of Edward Street and at Thornton Street) is expected to reach about 2.1 metres with the afternoon high tide on Tuesday and reach about 3 metres with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

Predicted River Heights/Flows:

Ipswich: Reach about 12.7 metres (major) during Tuesday afternoon. Quicker rises and higher levels are possible depending on further rainfall tonight.

Moggill: Reach about 12 metres (minor) during Tuesday afternoon.

Jindalee: Reach about 7 metres (minor) overnight Tuesday.

Brisbane: Reach about 2.1 metres with the afternoon high tide on Tuesday.  
Reach about 3 metres with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

Further rises are possible at all four locations depending on further rain.

Next Issue:

The next warning will be issued at about 9pm Monday.

### **Brisbane Properties affected**

Number of properties affected:

- 455 properties (parcels of land) have been identified as experiencing flooding on next Wednesday (at least 221 of these are homes and businesses)
- 7, 731 properties may see some flooding either on the land or outside the property
- More than 400 streets will be affected by flooding in some way

Below is the list of suburbs where the 455 properties that will be affected are located. In brackets is the number of properties/parcels of land that will be affected in each suburb. This is based on the data and modelling we have done to date and we may see increases in these numbers once figures are revised.

- Rocklea (80)
- Albion (49)
- Milton (49)
- Auchenflower (40)
- Norman Park (26)
- Pinkenba (26)
- 0- Oxley (19)
- New Farm (17)
- Kangaroo Point (16)
- Bulimba & Sherwood (14 each)
- Yeronga (10)
- Graceville (9)
- Newstead (8)
- Yeerongpilly (7)
- Bowen Hills (6)
- Indooroopilly, Windsor (5 each)
- Wacol, Brisbane City, Moggill, East Brisbane, Fortitude Valley (4 each)
- Chelmer, Hemmant, Tennyson (3 each)
- Fairfield, Fig Tree Pocket, Coorparoo, South Brisbane, Lytton, Murrarie (2 each)

7 Rapid Response Group teams will be working from both a map and a database to doorknock/letterbox drop a flyer to the 221 homes and businesses that are predicted as being likely to experience inundation. They will visually check using the map that none of the remaining parcels of land from the total 455 properties identified as experiencing flooding are actually homes or businesses also.

The locations where the 221 homes and businesses are located is Albion, Auchenflower, Brisbane City, Bowen Hills, Bulimba, Fortitude Valley, Graceville, Hemmant, Indooroopilly, Kangaroo Point, Lytton, Milton, New Farm, Newstead, Norman Park, Oxley, Pinkenba, Rocklea, Sherwood, Tennyson, Wacol, Windsor, Yeronga.

Number of properties affected:

- 455 properties (parcels of land) have been identified as experiencing flooding on next Wednesday (at least 221 of these are homes and businesses)
- 7,731 properties may see some flooding either on the land or outside the property
- More than 400 streets will be affected by flooding in some way

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- Rocklea (80)
- Albion (49)
- Milton (49)
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- Norman Park (26)
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- Yeerongpilly (7)
- Bowen Hills (6)
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- Wacol, Brisbane City, Moggill, East Brisbane, Fortitude Valley (4 each)
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- Fairfield, Fig Tree Pocket, Coorparoo, South Brisbane, Lytton, Murrarie (2 each)

7 Rapid Response Group teams will be working from both a map and a database to doorknock/letterbox drop a flyer to the 221 homes and businesses that are predicted as being likely to experience inundation. They will visually check using the map that none of the remaining parcels of land from the total 455 properties identified as experiencing flooding are actually homes or businesses also.

The locations where the 221 homes and businesses are located is Albion, Auchenflower, Brisbane City, Bowen Hills, Bulimba, Fortitude Valley, Graceville, Hemmant, Indooroopilly, Kangaroo Point, Lytton, Milton, New Farm, Newstead, Norman Park, Oxley, Pinkenba, Rocklea, Sherwood, Tennyson, Wacol, Windsor, Yeronga.

**Regards**

**Barry Dennien**

Chief Executive Officer

**SEQ Water Grid Manager**

**Phone:**

**Email:**

**Visit:** Level 15, 53 Albert Street, Brisbane

**Post:** PO Box 16205, City East Qld 4002

**ABN:** 14783 317 630

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**From:** Peter Borrows [REDACTED]  
**Sent:** Tuesday, 11 January 2011 7:28 AM  
**To:** barry.den [REDACTED] nien [REDACTED]  
**Cc:** daniel.spiller [REDACTED] [REDACTED] Best Debbie  
**Subject:** Fw: Water Grid dam release strategy  
**Attachments:** Technical Situation Report W38.docx; ATT33793.txt  
[Barry an you try and get this briefing at 10.30 please.](#)

---

**From:** Dan Spiller <[REDACTED]>  
**To:** 'stephen.robertson@[REDACTED]' 'Ken Smith  
 ([REDACTED]) 'Lance McCallum  
 ([REDACTED]) 'Tim Watts  
 ([REDACTED]) 'Geoff Stead  
 ([REDACTED])  
 'lauren.sims [REDACTED]  
 'Martin.Peter [REDACTED] 'Dunn.KerryG [REDACTED]  
**Cc:** Barry Dennien [REDACTED] Peter Borrows; Rob Drury; Paul Bird; 'Damien  
 Brown ([REDACTED]) >;  
 'bob.reilly [REDACTED] 'terry.wal [REDACTED]  
 [REDACTED]; 'Madgwick.Darren [REDACTED]  
**Sent:** Tue Jan 11 07:16:44 2011  
**Subject:** Water Grid dam release strategy

All,

Attached is the latest report, with the BoM warning on the Lockyer flood below.

Key points are:

- Current releases are 2,750 cubic metres per second (about 240,000 ML/day). Due to heavy rainfall in the catchment, it was not possible to reduce releases to allow the Lockyer Valley flows to pass.
- Further rainfall may result in the need to increase releases.
- Wivenhoe Dam is at 73.51m AHD and rising at about 25mm/hour. Above 74m, the primary objective becomes maintaining the security of the dam. Releases would be increased at this level with less scope for consideration of downstream impacts.

The BoM is remodeling based on this release strategy. There is some uncertainty about the level of flows coming from the Lockyer.

Please call me on [REDACTED] if you require any further information.

Debbie and Tim: I recommend that a briefing for the Minister would be appropriate, perhaps around 10am.

Regards,  
 Daniel Spiller

Australian Government Bureau of Meteorology Queensland

PRIORITY

FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE INCLUDING BRISBANE CITY Issued at 4:06 AM on Tuesday the 11th of January 2011 by the Bureau of Meteorology, Brisbane.

13/02/2012

The main flood waters in the Lockyer Creek are now arriving at Lyons Bridge, with strong stream rises expected during Tuesday.

Wivenhoe dam is providing significant mitigation of upper Brisbane floods. River flows from the Bremer and Lockyer catchments combined with releases from Wivenhoe dam are expected to increase levels in Brisbane during Tuesday.

At the Brisbane City Gauge, minor flood levels of about 2.1 metres are expected with the afternoon high tide on Tuesday and levels of about 3 metres are expected with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

#### LOCKYER CREEK:

Extremely heavy rainfall during Monday led to extreme rises in the Lockyer Creek catchment and Laidley Creek at Mulgowie. Record flood levels of 18.92 metres were recorded at Gatton Monday evening before the station failed. This level was well above the previous record peak of 16.33 metres from the February 1893 flood.

The main flood waters are currently arriving at Lyons Bridge, with strong stream rises expected in the next few hours. The Lockyer Creek at Glenore Grove peaked at 14.60 metres at 11:30pm, which is 0.3 metres below the 1974 flood.

Renewed stream rises have commenced in Lockyer Creek at Lyons Bridge with a peak between 16 and 16.5 metres expected Tuesday morning. This is likely to be similar in level to the 1996 flood.

#### BREMER RIVER:

The Bremer River at Walloon has exceeded the moderate flood level. The Bremer River at Rosewood peaked at 5.8 metres around midnight Monday.

The Bremer River at Ipswich is expected to reach about 12.7 metres on Tuesday afternoon. Higher levels are possible.

#### WARRILL CREEK

Warrill Creek at Amberley peaked at 5.98 metres around 9pm Monday.

#### MIDDLE AND LOWER BRISBANE:

Moderate flooding is developing at Savages Crossing and at Mt Crosby Weir.

At the Brisbane City Gauge (lower end of Edward Street and at Thornton Street), minor flood levels of about 2.1 metres are expected with the afternoon high tide on Tuesday and levels of about 3 metres are expected with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

#### Predicted River Heights/Flows:

Ipswich: Reach about 12.7 metres (major) during Tuesday afternoon.

Moggill: Reach about 12 metres (minor) during Tuesday afternoon.

Jindalee: Reach about 7 metres (minor) overnight Tuesday.

Brisbane: Reach about 2.1 metres (minor) with the afternoon high tide on Tuesday. Reach about 3 metres (moderate) with the high tides on Wednesday.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

Further rises are possible at all four locations depending on further rain.

Next Issue:

13/02/2012

The next warning will be issued at about 8am Tuesday.

#### Latest River Heights:

|                                    |                     |                       |
|------------------------------------|---------------------|-----------------------|
| Lockyer Ck at Helidon #            | 12.68m steady       | 03:02 PM MON 10/01/11 |
| Flagstone Ck at Brown-Zirbels Rd * | 3.49m falling       | 02:10 AM TUE 11/01/11 |
| Sandy Creek at Sandy Creek Road #  | 2.15m falling       | 03:19 AM TUE 11/01/11 |
| Ma Ma Ck at Harm's *               | 3.26m rising        | 02:30 AM TUE 11/01/11 |
| Tenthill Ck at Tenthill *          | 5.57m rising        | 02:40 AM TUE 11/01/11 |
| Lockyer Ck at Gatton #             | 18.92m rising       | 06:30 PM MON 10/01/11 |
| Laidley Ck at Mulgowie *           | 6.39m rising        | 02:20 AM TUE 11/01/11 |
| Laidley Ck at Laidley              | 8.7m falling slowly | 10:00 PM MON 10/01/11 |
| Laidley Ck at Showground Weir #    | 7.84m rising        | 03:25 AM TUE 11/01/11 |
| Laidley Ck at Warrego Hwy *        | 6.41m rising        | 02:00 AM TUE 11/01/11 |
| Lockyer Ck at Glenore Grove #      | 13.8m falling       | 03:24 AM TUE 11/01/11 |
| Lockyer Ck at Lyons Br #           | 15.55m rising       | 03:23 AM TUE 11/01/11 |
| Lockyer Ck at Rifle Range Rd *     | 15.39m rising       | 02:40 AM TUE 11/01/11 |
| Lockyer Ck at O'Reilly's Weir #    | 18m falling         | 03:28 AM TUE 11/01/11 |
| Brisbane R at Lowood Pump Stn #    | 15.93m falling      | 03:31 AM TUE 11/01/11 |
| Brisbane R at Savages Crossing #   | 15.89m rising       | 03:29 AM TUE 11/01/11 |
| Brisbane R at Burtons Br #         | 12.22m rising       | 03:29 AM TUE 11/01/11 |
| Brisbane R at Kholo Br #           | 7.99m rising        | 03:29 AM TUE 11/01/11 |
| Brisbane R at Mt Crosby #          | 15.82m steady       | 03:30 AM TUE 11/01/11 |
| Brisbane R at Mt Crosby #          | 14.08m falling      | 04:39 PM MON 10/01/11 |
| Brisbane R at Colleges Crossing #  | 13.91m rising       | 03:32 AM TUE 11/01/11 |
| Bremer R at Rosewood#              | 5.56m falling       | 03:11 AM TUE 11/01/11 |
| Bremer R at Five Mile Br Walloon # | 6.4m rising         | 03:15 AM TUE 11/01/11 |
| Warrill Ck at Greens Rd Amberley # | 5.84m falling       | 03:29 AM TUE 11/01/11 |
| Bremer R at One Mile Br #          | 13.75m rising       | 03:31 AM TUE 11/01/11 |
| Bremer R at Hancocks Br Brassall # | 11.33m rising       | 03:22 AM TUE 11/01/11 |
| Bremer R at Ipswich #              | 8.55m rising        | 03:31 AM TUE 11/01/11 |
| Brisbane R at Moggill #            | 7.07m rising        | 03:29 AM TUE 11/01/11 |
| Brisbane R at Jindalee Br #        | 4.5m rising         | 03:29 AM TUE 11/01/11 |
| Brisbane R at City Gauge #         | 1.4m falling        | 03:15 AM TUE 11/01/11 |

\*automatic station

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

-----Safe Stamp-----

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For more information regarding this service, please contact your service provider.

#### Robert Drury

Dam Operations Manager

Water Delivery

Queensland Bulk Water Supply Authority *trading as Seqwater*

 Seqwater\_No-Lifeguards-Here\_email\_strap

 cid:image001.png@01CA24E1.BD

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)

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13/02/2012



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[REDACTED]

---

**From:** Dan Spiller [REDACTED]  
**Sent:** Tuesday, 11 January 2011 1:18 PM  
**To:** Madgwick.DarrenT [REDACTED] stephen.robertson [REDACTED] Ken  
Smith [REDACTED]; Lance McCallum [REDACTED]  
[REDACTED] Tim Watts [REDACTED]  
lauren.sims [REDACTED] Martin.PeterJ [REDACTED]  
Dunn.KerryC [REDACTED] Best Debbie; Wall Terry; Geoff Stead  
[REDACTED]  
**Cc:** Dennien Barry @ SEQWGM; Peter Borrows; Rob Drury [REDACTED] Stan  
Stevenson; Madgwick.DarrenT [REDACTED]  
**Subject:** Wivenhoe Dam release update  
**Follow Up Flag:** Follow up  
**Flag Status:** Red  
**Attachments:** image001.png; Technical Situation Report W39 (2).docx



image001.png



Technical Situation  
Report W39...

All,

Attached is the updated Technical Situation Report.

Releases from Wivenhoe Dam have needed to be increased to 3,970 cubic metres per second. BoM is modelling based on this strategy.

Based on these releases, Wivenhoe Dam will peak at between 74.5 and 74.8m with no further inflows.

Further inflows will require further releases. Seqwater is considering worst case scenarios to provide to BoM and BCC to model impacts.

Regards,  
Daniel Spiller

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**From:** Dan Spiller [REDACTED]  
**Sent:** Tuesday, 11 January 2011 10:19 PM  
**To:** step hen.robertson [REDACTED]; Lance McCallum [REDACTED]; Tim Watts [REDACTED]; Geoff Stead [REDACTED]; Lauren Sims [REDACTED]; Bradley John; Best Debbie; Martin.Peter [REDACTED]; Dunn.KerryG [REDACTED]; Ken Smith [REDACTED]  
**Cc:** Rob Drury [REDACTED]; Dennien Barry @ SEQWGM; Peter Borrows; Media @ SEQWGM; SEQWGM Emergency; Madgwick.DarrenT [REDACTED]  
**Subject:** Wivenhoe Dam update  
**Follow Up Flag:** Follow up  
**Flag Status:** Read  
**Attachments:** Technical Situation Report W44.docx

All,

Attached is the most recent technical situation report.

Note that Wivenhoe Dam levels have stabilised and are now falling slowly. Without further rainfall, release rates will be reduced progressively. The first reduction will be to 7,100 cubic metres per second.

Regards,  
Daniel Spiller

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**From:** Dan Spiller [REDACTED]  
**Sent:** Wednesday, 12 January 2011 5:37 AM  
**To:** step hen.robertson [REDACTED] ken.smith [REDACTED] Bradley John;  
 lance.mccallum [REDACTED] Tim.Watts [REDACTED];  
 Geoff.Stead [REDACTED] Lauren.Sims [REDACTED];  
 'Martin.Peter [REDACTED] Dunn.KerryG [REDACTED] Best Debbie  
**Cc:** Dennien Barry @ SEQWGM; Peter Borrows; Rob Drury; Media @ SEQWGM; SEQWGM Emergency;  
 Madgwick.DarrenT [REDACTED] Brown Damien; Reilly Bob  
**Subject:** Dam release update  
**Follow Up Flag:** Follow up  
**Flag Status:** Read  
**Attachments:** Technical Situation Report W47.docx

All,

Attached is the most recent situation report.

There was minimum rainfall in the catchment last night, meaning that dam levels and release rates were reduced.

Wivenhoe Dam is currently at 188%, having peaked at about 191% (74.97m AHD, about 0.6m below the first fuse peak). Somerset Dam is at about 190%, which is its peak level.

Releases are now at 4,300 cubic metres per second (about 370,000 ML/day), having peaked at 7,500 cubic metres per second (about 650,000 ML/day) for a couple of hours.

We will update the report about every three hours. The next report will include more information about the closing sequence, including the broad timeframes for dam levels to be reduced. Note that, while dam levels are reducing, they remain at critical levels.

An update on water treatment will be provided later this morning.

Please call me on [REDACTED] if you require further information.

Regards,  
 Dan

**Daniel Spiller**

Director, Operations

**SEQ Water Grid Manager**

Phone: [REDACTED]

Email: [REDACTED]

Visit: Level 15, 53 Albert Street Brisbane

Post: PO Box 16205, City East QLD 4002

ABN: 14783 317 630

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**From:** Dan Spiller [REDACTED]  
**Sent:** Wednesday, 12 January 2011 9:00 AM  
**To:** 'stephen.robertson [REDACTED]'; 'ken.smith [REDACTED]'; Bradley John; 'lance.mccallum [REDACTED]'; 'Tim.Watts [REDACTED]'; 'Geoff.Stead [REDACTED]'; 'Lauren.Sims [REDACTED]'; 'Martin.Peter [REDACTED]'; 'Dunn.KerryG [REDACTED]'; Best Debbie  
**Cc:** Dennien Barry @ SEQWGM; 'Peter Borrowes'; 'Rob Drury'; Media @ SEQWGM; SEQWGM Emergency; 'Madgwick.Darren [REDACTED]'; Brown Damien; Reilly Bob  
**Subject:** Dam release update  
**Follow Up Flag:** Follow up  
**Flag Status:** Read  
**Attachments:** Technical Situation Report W48.docx

All,

Attached is an updated Technical Support Report, including advice about the gate closure process.

Note that releases have been reduced to 2,500 cubic metres per second while peak Lockyer Valley flows pass. Increases will then increase to 3,500 cubic metres per second.

Please call me on [REDACTED] if you require further information.

Regards,  
 Dan

**Daniel Spiller**

Director, Operations

**SEQ Water Grid Manager**

Phone: [REDACTED]

Email: [REDACTED]

Visit: Level 15, 53 Albert Street Brisbane

Post: PO Box 16205, City East QLD 4002

ABN: 14783 317 630

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**From:** Dan Spiller [REDACTED]  
**Sent:** Wednesday, 12 January 2011 3:52 PM  
**To:** 'stephen.robertson [REDACTED]'; 'ken.smith [REDACTED]'; Bradley John; 'lance.mccallum [REDACTED]'; Tim.Watts [REDACTED]; 'Geoff.Stead [REDACTED]'; 'Lauren.Sims [REDACTED]'; 'Martin.Peter [REDACTED]'; 'Dunn.KerryG [REDACTED]'; Best Debbie  
**Cc:** Dennien Barry @ SEQWGM; 'Peter Borrows'; 'Rob Drury'; Media @ SEQWGM; SEQWGM Emergency; 'Madgwick.DarrenT [REDACTED]'; Brown Damien; Reilly Bob; seqwgm [REDACTED]  
**Subject:** Dam release update  
**Follow Up Flag:** Follow up  
**Flag Status:** Read  
**Attachments:** Technical\_ Situation\_Report\_W50.docx

All,

Attached is an updated Technical Support Report, including advice about the gate closure process.

The Wivenhoe Dam release rate has been maintained at 2,500 cubic metres per second. Dam levels have reduced slightly.

Please call me on [REDACTED] if you require further information.

Regards,  
 Dan

**Daniel Spiller**

Director, Operations

**SEQ Water Grid Manager**

Phone: [REDACTED]

Email: [REDACTED]

Visit: Level 15, 53 Albert Street Brisbane

Post: PO Box 16205, City East QLD 4002

ABN: 14783 317 630

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**From:** Dan Spiller [REDACTED]  
**Sent:** Wednesday, 12 January 2011 8:34 PM  
**To:** 'stephen.robertson [REDACTED]'; 'ken.smith [REDACTED]'; Bradley John;  
 'lance.mccallum [REDACTED]'; 'Tim.Watts [REDACTED]';  
 'Geoff.Stead [REDACTED]'; 'Lauren.Sims [REDACTED]';  
 'Martin.Peter [REDACTED]'; 'Dunn.KerryG [REDACTED]'; Best Debbie  
**Cc:** Dennien Barry @ SEQWGM; 'Peter Borrows'; 'Rob Drury'; Media @ SEQWGM; SEQWGM Emergency;  
 'Madgwick.DarrenT [REDACTED]'; Brown Damien; Reilly Bob; seqwgm [REDACTED]  
**Subject:** RE: Dam release update  
**Follow Up Flag:** Follow up  
**Flag Status:** Read  
**Attachments:** Technical\_ Situation\_Report\_W51.docx

All,

Attached is an updated Technical Support Report.

Please call me on [REDACTED] if you require further information.

Regards,  
 Dan

**Daniel Spiller**

Director, Operations

[SEQ Water Grid Manager](#)

Phone: [REDACTED]

Email: [REDACTED]

Visit: Level 15, 53 Albert Street Brisbane

Post: PO Box 16205, City East QLD 4002

ABN: 14783 317 630

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**From:** spiller daniel @ SEQWGM  
**Sent:** Sunday, 9 January 2011 11:26 PM  
**To:** Geoff Stead ([REDACTED])  
**Cc:** Dennien Barry @ SEQWGM; Best Debbie; Tim Watts ([REDACTED]); Media @ SEQWGM; pbird [REDACTED]  
**Subject:** Draft release

Geoff,

As discussed, draft release below.

We will finalise for issue by 7am, subject to the Weir not being inundated already at that time.

Dan

## Media update – 10 January 2011

### Wivenhoe Dam releases

Significant rainfall received across the catchment has pushed Wivenhoe Dam's capacity to approximately   %. In order to relieve the dam's flood storage compartment, controlled releases will be increased today, utilising a strategy designed to minimise impacts downstream.

Increased releases, combined with other flows, are expected to result in the closure of the Fernvale Bridge and Mt Crosby Weir Bridge. This could occur this morning, but will be delayed until tonight if possible.

A number of other bridges have already been impacted, including Twin Bridges, Savages Crossing, Burtons Bridge, Kholo Bridge and Colleges Crossing.

Residents are urged to contact local councils for detailed information on road crossing closures and other impacts.

**Telephone - 1800 613 122** has been established for members of the public seeking information on which dams are spilling in South East Queensland.

**ENDS**

---

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[REDACTED]

---

**From:** spiller daniel @ SEQWGM  
**Sent:** Saturday, 8 January 2011 9:48 AM  
**To:** Best Debbie  
**Subject:** RE: Water Grid operations update: 8/1/11

Debbie,

We expect river levels to be similar to yesterday, and again due to tides rather than releases.

River yesterday peaked at about 1.85 metres at the Port Office gauge. The high peak was due almost entirely due to tides and a 0.4 to 0.5 metre atmospheric anomaly.

BoM and Seqwater agree that flows of 1500 cumecs over Mt Crosby will contribute about 0.05m (50mm) to peak river levels at the Port Office gauge. We are planning to release at 1200 cumecs from midday, with an allowance for Lockyer Valley flows (which peaked at about 500 cumecs this week and are reducing). For interest only, the impact on low tide levels is greater - meaning that there is less variation in river levels.

The key risk will be if the high rainfall eventuates (200mm over four days). We will review as this occurs, but in the meantime it is important that we get the flood storage compartment down to give ourselves some flexibility.

Looking forward, we are preparing a more detailed brief on potential scenarios with the upcoming January and February peak tides. The challenge is that river levels are due to about five different factors, of which only tides can be predicted this far out. Atmospheric anomalies can only be predicted a few days out.

Short answer is that we expect ongoing low level flooding (defined by BCC as 1.7m at the Port Office gauge). Moderate Brisbane River flooding as defined by BCC would still require significantly larger releases than have been made at any time since Wivenhoe Dam was completed, potentially combined with another large atmospheric anomaly. Note that local flooding can occur for a range of other reasons, as flagged in the CM today.

Hope this helps.

Dan

---

From: Best Debbie [REDACTED]  
Sent: Saturday, 8 [REDACTED]  
To: Dan Spiller  
Subject: Fw: Water Grid operations update: 8/1/11

Dan you give detail?  
Debbie

----- Original Message  
From: Ken Smith [REDACTED]  
To: Best Debbie [REDACTED]  
Sent: Sat Jan 08 09:26:23 2011  
Subject: Re: Water Grid operations update: 8/1/11

Thanks Deb. Can't access the attachment at home. Likelihood of localised flooding?

----- Original Message  
From: Best Debbie [REDACTED]  
To: Ken Smith [REDACTED]  
Sent: Sat Jan 08 09:16:40 2011  
Subject: Fw: Water Grid operations update: 8/1/11

Ken  
A bit of action in SE which you need to be aware of. WGM is liaising with the LDMG.  
Debbie

----- Original Mess

From: Dan Spiller <[REDACTED]>

To: stephen.robert [REDACTED]

<stephen.robert [REDACTED]>

(lance [REDACTED]; Tim

Watts [REDACTED] off

Stead [REDACTED];

lauren. [REDACTED] ebbie;

Martin.Pete [REDACTED]

Dunn.KerryG [REDACTED]

Cc: Rob [REDACTED]

mfooster [REDACTED]

Reilly [REDACTED]

Denner Scott @ SEQWGM

Sent: Sat Jan 08 08:59:30 2011

Subject: Water Grid operations update: 8/1/11

All,

Dam releases

Attached is the current technical situation report.

Releases are being made from Somerset, Wivenhoe, North Pine and Leslie Harrison dams, with forecasts of high rainfall totals over the next four days.

For Wivenhoe Dam:

\* All five gates are now open with the release rate planned to increase to 1200 cubic metres per second by midday today. This release rate is less than peak release from October 2010.

\* The release strategy will continue to be reviewed based on actual rainfall. With significant inflows, it may need to be increased.

\* As advised yesterday, a number of local bridges have been inundated by releases and local flows. The Fernvale and Mt Crosby Weir Bridges could potentially also be affected if predicted rainfall totals eventuate.

\* The BoM and Seqwater concur that current releases will increase the level of the lower Brisbane River by about 50 to 100mm. There is currently a 40 to 50mm atmospheric anomaly.

Releases from North Pine and Leslie Harrison dams are continuing. Releases from Hinze Dam are expected to be required over the weekend.

Water treatment

In terms of operations, Lockyer Valley flows have again caused a turbidity spike in the Brisbane River. Impacts are expected to peak today at Mt Crosby today, before being diluted by dam releases. There are similar issues at some other locations.

Despite the spike, all key plants are currently operating within critical limits with any impacts being monitored. Seqwater and Linkwater have prepared for potential issues by increasing treated water storage and staffing at some treatment plants. Desalination is at one-third capacity and ready to increase production within two hours of an instruction (but is unlikely to be required in this event).

With forecast rainfall, these type of issues are likely to recur over the remainder of the wet season.

Please call me on [REDACTED] if you require any further information.

Regards,  
Dan

---

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+-----+  
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3 sheets of A4 paper = 1 litre of water  
+-----+

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**From:** spiller daniel @ SEQWGM  
**Sent:** Saturday, 8 January 2011 12:39 PM  
**To:** step hen.robertson; Lance McCallum ( ); Tim Watts  
 ( ); Geoff Stead ( );  
 lauren.sims; Best Debbie; Martin.Peter; Dunn.KerryG  
**Cc:** Media @ SEQWGM; Madgwick.DarrenT; Denner Scott @ SEQWGM;  
 'sstevensor'; pbird  
**Subject:** RE: Water Grid operations update: 8/1/11

All,

High turbidity caused the Mt Crosby WTP to cease production for a period this morning. Turbidity levels have since returned to controllable levels and production recommenced, initially at low levels.

Reservoir levels in central SEQ dropped over this period, albeit from a high starting level. To stabilize reservoir levels, we have increased desalination production to two-thirds of capacity for about 24 hours.

Other plants are operating within critical limits.

While this turbidity peak has passed, we will monitor the impacts of rainfall over coming days and respond as appropriate.

Regards,  
 Dan

---

**From:** Dan Spiller  
**Sent:** Saturday, January 08, 2011 9:00 AM  
**To:** stephen.robertson; Lance McCallum ( );  
 Tim Watts ( ); Geoff Stead ( );  
 lauren.sims; Debbie Best ( );  
 Martin.Peter; Dunn.KerryG  
**Cc:** Rob Drury; mfoster; SEQWGM Media; Damien Brown  
 ( ); bob.reilly; Madgwick.DarrenT;  
 Scott Denner  
**Subject:** Water Grid operations update: 8/1/11

All,

## Dam releases

Attached is the current technical situation report.

Releases are being made from Somerset, Wivenhoe, North Pine and Leslie Harrison dams, with forecasts of high rainfall totals over the next four days.

For Wivenhoe Dam:

- All five gates are now open with the release rate planned to increase to 1200 cubic metres per second by midday today. This release rate is less than peak release from October 2010.
- The release strategy will continue to be reviewed based on actual rainfall. With significant inflows, it may need to be increased.
- As advised yesterday, a number of local bridges have been inundated by releases and local flows. The Fernvale and Mt Crosby Weir Bridges could potentially also be affected if predicted rainfall totals eventuate.
- The BoM and Seqwater concur that current releases will increase the level of the lower Brisbane River by about 50 to 100mm. There is currently a 40 to 50mm atmospheric anomaly.

Releases from North Pine and Leslie Harrison dams are continuing. Releases from Hinze Dam are expected to be required over the weekend.

## Water treatment

13/02/2012

In terms of operations, Lockyer Valley flows have again caused a turbidity spike in the Brisbane River. Impacts are expected to peak today at Mt Crosby today, before being diluted by dam releases. There are similar issues at some other locations.

Despite the spike, all key plants are currently operating within critical limits with any impacts being monitored. Seqwater and Linkwater have prepared for potential issues by increasing treated water storage and staffing at some treatment plants. Desalination is at one-third capacity and ready to increase production within two hours of an instruction (but is unlikely to be required in this event).

With forecast rainfall, these type of issues are likely to recur over the remainder of the wet season.

Please call me on [REDACTED] if you require any further information.

Regards,  
Dan

---

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**From:** spiller daniel @ SEQWGM  
**Sent:** Friday, 7 January 2011 8:27 AM  
**To:** step hen.robertson; lance.mccallum; Tim.Watts; Geoff.Stead; Lauren.Sims; Best Debbie; Martin.Peter; 'Dunn.KerryC  
**Cc:** Rob Drury; Mike Foster; Media @ SEQWGM; Reilly Bob  
**Subject:** Update on dam gate releases  
**Follow Up Flag:** Follow up  
**Flag Status:** Completed  
**Attachments:** Technical Situation Report W29.docx

All,

Attached is the updated technical situation report.

There has been widespread rainfall in most of the dam catchments. These inflows have triggering the need for gate releases, with forecasts of between 100 and 200 mm of further rainfall over the next five days.

For Wivenhoe and Somerset dams, key points are:

- There has been general falls of around 30 to 50 mm since Wednesday, with isolated peaks of up to 75mm. About 230,000 ML will need to be released, based on estimated flows into the dam.
- There has been heavier rainfall in the Lockyer Creek catchment, which flows into the Brisbane River below the dam wall. Without dam releases, these flows are likely to result in Burtons Bridge being inundated by mid afternoon today – again isolating up to 50 households.
- Dam releases are expected to commence late tonight or early tomorrow, once existing Lockyer Valley flows have peaked – minimising downstream impacts and deferring the inundation of Burtons Bridge.
- At this stage, releases are expected to be at a similar rate to the recent events (up to about 105,000 ML/day) and continue until Monday or Tuesday next week (depending on further rainfall).

North Pine and Leslie Harrison dams are also making gate releases. Youngs Crossing has been inundated.

Councils have been advised. Somerset is contacting key affected residents.

We will provide an update once the timing of releases has been fixed.

Please contact me if you require any further information.

Regards,  
 Dan

**Daniel Spiller**

Director, Operations

**SEQ Water Grid Manager**

Phone:

Email:

Visit: Level 15, 53 Albert Street Brisbane

Post: PO Box 16205, City East QLD 4002

ABN: 14783 317 630

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**From:** spiller daniel @ SEQWGM  
**Sent:** Friday, 7 January 2011 4:24 PM  
**To:** step hen.robertson lance.mccallum  
Tim.Watts Geoff.Stead  
Lauren.Sims Best Debbie; Martin.Peter  
'Dunn.KerryC

**Cc:** Rob Drury; Mike Foster; Media @ SEQWGM; Reilly Bob

**Subject:** Update on Wivenhoe Dam releases

**Follow Up Flag:** Follow up

**Flag Status:** Completed

**Attachments:** Technical Situation Report W30.docx

All,

Attached is the updated technical situation report.

For Wivenhoe Dam, key points are:

- The first of the gates has opened. The release rate is planned to be increased to about 1,200 m3/s by 1400 Saturday. This is a similar release rate to last week.
- Burtons Bridge is again inundated, isolating some residents.
- Councils have been advised of this strategy and are contacting residents as necessary.
- The releases will have a minimal impact on the level of the Brisbane River in the City Reach. Seqwater and BoM concur that a total flow of a 1,500m3/s adds about 50mm to the expected water levels at that location.
- Due to atmospheric conditions, current recorded high tide levels are 0.4 to 0.5 metres higher than predicted tides.

North Pine and Leslie Harrison dams are also making gate releases. Releases from Hinze Dam are likely to be required over the weekend.

Please contact me if you require any further information.

Regards,  
Dan

#### **Daniel Spiller**

Director, Operations

**SEQ Water Grid Manager**

Phone:

Email

Visit: Level 15, 53 Albert Street Brisbane

Post: PO Box 16205, City East QLD 4002

ABN: 14783 317 630

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**From:** spiller daniel @ SEQWGM

**Sent:** Sunday, 9 January 2011 11:07 PM

**To:** step hen.robertson; Ken Smith; Tim Watts; Lance McCallum; Geoff Stead; Lauren Sims; Best Debbie; Martin.Peter; Dunn.KerryG

**Cc:** 'Rob Drury'; pbird; 'sstevenson'; Media @ SEQWGM; Denner Scott @ SEQWGM; Madgwick.Darren; Brown Damien; Reilly Bob

**Subject:** Updated Wivenhoe Dam release strategy

**Follow Up Flag:** Follow up

**Flag Status:** Completed

**Attachments:** Technical Situation Report W34.docx

All,

Latest advice from the Flood Control Centre attached.

There has been 100 to 300mm of rainfall in the Wivenhoe and Somerset dam catchments over the past 24 hours. Rainfall of similar magnitudes is expected over the next 12 to 24 hours.

At this time, including forecast rainfall, total inflows will exceed 1,000,000 ML and may approach 1,500,000 ML - in the order of the 1974 flood volume.

To date, the primary objective for this event has been managing to prevent inundation of the Mt Crosby Weir and Fernvale Bridges.

With the forecast volumes, this primary objective is being changed to minimizing the risk of urban inundation. This involves larger releases now, minimizing the risk of even larger releases later (were the flood compartment to reach high levels).

Urban inundation in the City reaches generally commences at total river flows of about 3,500 cubic metres per second (dam releases plus Lockyer and Bremer). At this time, and depending upon overnight rainfall, the Flood Control Centre is proposing to increase releases from around 1,200 to 2,500 cubic metres per second from midday tomorrow. This provides an allowance for other flows.

The Mt Crosby Weir and Fernvale bridges will certainly be inundated - isolating or inconveniencing many Brisbane Valley residents. The timing will depend largely on local flows, with the river having recently increased to be about one foot below the deck. Seqwater is preparing the bridge to be inundated, and may need to close it tonight. However, other flows permitting, we will delay inundating the bridge until tomorrow night - providing notice for impacted residents.

Actions to date:

- Notified Councils (up to the CEO level at BCC)
- Notified Police (Assistant Commissioner)
- Increasing treated water storage and preparing treatment plants, should there again be increased turbidity levels or other operational issues.

A media advice is being prepared now, for review and issue by 7am. The advice will address the closure of the bridges, with the intent of providing as much notice as possible to impacted residents (if not already closed). Impacts on the City reaches will be addressed following further consultation with Council (with there being a 20+ hour transit time).

It is important to note that the dams are managing impacts by delaying and reducing releases. For comparison, peak flows into the dam are forecast to reach up to 7,500 cubic metres per second - excluding any downstream flows.

Please call me on [REDACTED] if you require any further information.

13/02/2012

Regards,  
Daniel Spiller

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**From:** spiller daniel @ SEQWGM  
**Sent:** Sunday, 9 January 2011 8:14 AM  
**To:** step hen.robertson; Lance McCallum; Tim Watts; Geoff Stead; Lauren.Sims; au; Best Debbie; Martin.Peter; Dunn.KerryG  
**Cc:** Rob Drury; pbird; Media @ SEQWGM; Brown Damien; Reilly Bob; Madgwick.Darren  
**Subject:** Water Grid operations update: 9/1

**Follow Up Flag:** Follow up

**Flag Status:** Completed

**Attachments:** Technical Situation Report W32.docx

All,

Current technical situation report.

Key points are:

- Wivenhoe Dam is continuing releases at about 116,000 ML/day. Releases are expected to continue until at least Wednesday.
- A severe weather warning remains current for dam catchments. There has been heavy rainfall in the Somerset Dam catchment over the past two hours.
- The release strategy will continue to be reviewed based on actual rainfall.
- Releases are being made so as to avoid inundating the Fernvale and Mt Crosby Weir Bridges. Other flows may impact on the bridges, should the forecast rainfall eventuate.
- North Pine Dam may cease releases today or tomorrow morning, depending upon actual rainfall.
- Many dams and recreation areas are closed.

Please call me on [REDACTED] if you require any further information.

Regards,  
 Daniel Spiller

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**From:** spiller daniel @ SEQWGM  
**Sent:** Sunday, 9 January 2011 11:23 PM  
**To:** 'ce c [REDACTED]  
**Cc:** Dennien Barry @ SEQWGM; Best Debbie  
**Subject:** Wivenhoe Dam operations update

Colin,

Further to our conversation, our latest advice is as follows.

There has been 100 to 300mm of rainfall in the Wivenhoe and Somerset dam catchments over the past 24 hours. Rainfall of similar magnitudes is expected over the next 12 to 24 hours. Total inflows will exceed 1,000,000 ML, based on rainfall to date.

To date, the primary objective for this event has been managing to prevent inundation of the Mt Crosby Weir and Fernvale Bridges.

With the forecast volumes, this primary objective is being changed to minimizing the risk of urban inundation. This involves larger releases now, minimizing the risk of even larger releases later (were the flood compartment to reach high levels).

Urban inundation in the City reaches generally commences at total river flows of about 3,500 cubic metres per second (dam releases plus Lockyer and Bremer). At this time, and depending upon overnight rainfall, the Flood Control Centre is proposing to increase releases from around 1,200 to 2,500 cubic metres per second from midday tomorrow. This provides an allowance for other flows.

The Mt Crosby Weir and Fernvale bridges will certainly be inundated - isolating or inconveniencing many Brisbane Valley residents. The timing will depend largely on local flows, with the river having recently increased to be about one foot below the deck. Seqwater is preparing the bridge to be inundated, and may need to close it tonight. However, other flows permitting, we will delay inundating the bridge until tomorrow night - providing notice for impacted residents.

We propose to issue a media advice about the increases and potential impact on bridges early tomorrow morning (about 7am). A draft is below. I would appreciate any comments, but understand time is limited. We will finalize it before issue, based on the status of the Weir Bridge at that time. Obviously, it is irrelevant if other flows result in closure before releases are increased.

The advice does not address urban impacts at this time. We would prefer to review the situation in the morning and consult with Councils before finalising the strategy. This includes reviewing where the rainfall occurs.

As you know, the dams are managing impacts by delaying and reducing releases. For comparison, peak flows into the dam are forecast to reach up to 7,500 cubic metres per second - excluding any downstream flows.

I will speak to you tomorrow. In the meantime, please call me on [REDACTED] if you require any further information.

Regards,  
Daniel Spiller

**Media update – 10 January 2011**

**Wivenhoe Dam releases**

Significant rainfall received across the catchment has pushed Wivenhoe Dam's capacity to approximately   %. In order to relieve the dam's flood storage compartment, controlled releases will be increased today, utilising a strategy designed to minimise impacts downstream.

Increased releases, combined with other flows, are expected to result in the closure of the Fernvale Bridge and Mt Crosby Weir Bridge. This could occur this morning, but will be delayed until tonight if possible.

A number of other bridges have already been impacted, including Twin Bridges, Savages Crossing, Burtons Bridge, Kholo Bridge and Colleges Crossing.

Residents are urged to contact local councils for detailed information on road crossing closures and other impacts.

**Telephone - 1800 613 122** has been established for members of the public seeking information on which dams are spilling in South East Queensland.

**ENDS**

---

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**From:** Zubrinich Robert  
**Sent:** Tuesday, 11 January 2011 7:02 PM  
**To:** Birchley Michael; Boyle Michael; Cook Clive; DERM EMG; Lenz Anne; Moody Annie; Pearce Martin; Shirreffs Leslie; Short Michael  
**Subject:** Disaster agenda.doc  
**Attachments:** Disaster agenda.doc

Folks

The agenda for the Disaster Management Team meeting for 8.30 tomorrow (12/1/11).

Yours  
Rob Zubrinich  
A/Director, Executive and Administration Services  
Tel: [REDACTED]  
Facsimile: [REDACTED]  
e [REDACTED]  
[www.derm.qld.gov.au](http://www.derm.qld.gov.au)  
Department of Environment and Resource Management  
400 George Street, Brisbane Q 4001  
GPO Box 2454, Brisbane Q 4001

*Nominations for the 2011 Premier's ClimateSmart Sustainability Awards, which recognise Queenslanders who are ClimateSmart champions achieving excellence in sustainability, are open until **Friday 4 March 2011**. For more information on how to enter visit [www.derm.qld.gov.au/premiersawards](http://www.derm.qld.gov.au/premiersawards)*



[REDACTED]

---

**From:** Dan Spiller [REDACTED]  
**Sent:** Sunday, 9 January 2011 11:26 PM  
**To:** Geoff Stead [REDACTED]  
**Cc:** Dennien Barry @ SEQWGM; Best Debbie; Tim Watts [REDACTED]; Media @ SEQWGM; pbird [REDACTED]  
**Subject:** Draft release

Geoff,

As discussed, draft release below.

We will finalise for issue by 7am, subject to the Weir not being inundated already at that time.

Dan

## Media update – 10 January 2011

### Wivenhoe Dam releases

Significant rainfall received across the catchment has pushed Wivenhoe Dam's capacity to approximately   %. In order to relieve the dam's flood storage compartment, controlled releases will be increased today, utilising a strategy designed to minimise impacts downstream.

Increased releases, combined with other flows, are expected to result in the closure of the Fernvale Bridge and Mt Crosby Weir Bridge. This could occur this morning, but will be delayed until tonight if possible.

A number of other bridges have already been impacted, including Twin Bridges, Savages Crossing, Burtons Bridge, Kholo Bridge and Colleges Crossing.

Residents are urged to contact local councils for detailed information on road crossing closures and other impacts.

**Telephone - 1800 613 122** has been established for members of the public seeking information on which dams are spilling in South East Queensland.

**ENDS**

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[REDACTED]

---

**From:** Shirreffs Leslie  
**Sent:** Sunday, 9 January 2011 8:23 AM  
**To:** Be st Debbie  
**Cc:** Williams Christine  
**Subject:** FW: min\_jones\_brief risk of further significant rainfall events.doc  
**Attachments:** min\_jones\_brief risk of further significant rainfall events.doc

Hi Debbie

This is a good foundation for the brief that is being prepared on the future outlook - Peter Allen (Bob Reilly's group) and John Ruffini (Christine's division) are to provide information on the processes in place for monitoring and responding to different scenarios outside of Brisbane to add to this. Dan Spiller is working with seqwater and others to prepare a brief on the Brisbane outlook - I had expected something on Friday, so it can't be far off.

Regards  
Leslie

Leslie Shirreffs  
General Manager, Ecosystem Outcomes  
Department of Environment and Resource Management  
[REDACTED] [u](#)  
Lvl 12, 400 George Street, Brisbane Q 4000  
[REDACTED]

---

**From:** Williams Christine  
**Sent:** Friday, 7 January 2011 5:17 PM  
**To:** Shirreffs Leslie  
**Subject:** min\_jones\_brief risk of further significant rainfall events.doc

FYI David Robinson has prepared this and let me see this early draft as he thought we may want to incorporate some of this into our January Outlook BN. He is happy for us to use the info but would like to know whether that would be included next week or the week after - related to when Greg gets back! I tried to call to discuss but you were at meeting...as usual for us!

Happy to chat about it when you have time  
Christine

**From:** Dan Spiller [REDACTED] u]  
**Sent:** Sunday, 9 January 2011 9:27 PM  
**To:** 'Rob Drury'; Dennien Barry @ SEQWGM; Lyons Michael @ SEQWGM; Media @ SEQWGM; Best Debbie; Denner Scott @ SEQWGM; pbird [REDACTED] 'sstevensor [REDACTED]  
**Subject:** FW: Technical Report W34

**Follow Up Flag:** Follow up

**Flag Status:** Completed

**Attachments:** Technical Situation Report W34.docx

[Technical report below.](#)

Teleconference at 9.30.

Details are:

Phone: [REDACTED]

PIN: [REDACTED]

Regards,  
 Dan

---

**From:** Rob Drury [REDACTED]  
**Sent:** Sunday, January 09, 2011 9:18 PM  
**To:** Rob Drury; Dan Spiller  
**Cc:** Peter Borrows; Stan Stevenson; Mike Foster; Paul Bird; David Roberts; Arminda Roberts  
**Subject:** RE: Technical Report W34

[See attached report W34.](#)

Rob

#### Robert Drury

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

 Seqwater\_No-Lifeguards-Here\_email\_strap

 cid:image001.png@01CA24E1.BD

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:** Rob Drury  
**Sent:** Sunday, 9 January 2011 7:26 AM  
**To:** Rob Drury; 'Dan Spiller'  
**Cc:** Peter Borrows; Stan Stevenson; Mike Foster; Paul Bird; David Roberts; Arminda Roberts  
**Subject:** RE: Technical Report W31

[Please find attached Report W31.](#)

14/02/2012

Basically continuing releases to maintain 1600 cumecs total flow in the mid Brisbane but watching predicted rainfall as the strategy may change. Fernvale and Mt Crosby bridges still should be unaffected but does depend on what rain we get today or tomorrow.

Rob

**Robert Drury**


Dam Operations Manager

Water Delivery

Queensland Bulk Water Supply Authority *trading as Seqwater*

 Seqwater\_No-Lifeguards-Here\_email\_strap

 cid:image001.png@01CA24E1.BD

Ph   
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:** Rob Drury  
**Sent:** Saturday, 8 January 2011 7:46 AM  
**To:** Rob Drury; 'Dan Spiller'  
**Cc:** Peter Borrows; Stan Stevenson; Mike Foster; Paul Bird; David Roberts  
**Subject:** RE: Technical Report W31

Attached report number W31.

Rob

**Robert Drury**


Dam Operations Manager

Water Delivery

Queensland Bulk Water Supply Authority *trading as Seqwater*

 Seqwater\_No-Lifeguards-Here\_email\_strap

 cid:image001.png@01CA24E1.BD

Ph   
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)

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**From:** Dan Spiller [REDACTED]  
**Sent:** Wednesday, 12 January 2011 5:37 AM  
**To:** step hen.robertson [REDACTED] ken.smith [REDACTED] Bradley John;  
 lance.mccallum [REDACTED] Tim.Watts [REDACTED]  
 Geoff.Stead [REDACTED] Lauren.Sims [REDACTED];  
 'Martin.Peter [REDACTED] 'Dunn.KerryG [REDACTED] Best Debbie  
**Cc:** Dennien Barry @ SEQWGM; Peter Borrows; Rob Drury; Media @ SEQWGM; SEQWGM Emergency;  
 Madgwick.DarrenT [REDACTED]; Brown Damien; Reilly Bob  
**Subject:** Dam release update  
**Follow Up Flag:** Follow up  
**Flag Status:** Completed  
**Attachments:** Technical Situation Report W47.docx

All,

Attached is the most recent situation report.

There was minimum rainfall in the catchment last night, meaning that dam levels and release rates were reduced.

Wivenhoe Dam is currently at 188%, having peaked at about 191% (74.97m AHD, about 0.6m below the first fuse peak). Somerset Dam is at about 190%, which is its peak level.

Releases are now at 4,300 cubic metres per second (about 370,000 ML/day), having peaked at 7,500 cubic metres per second (about 650,000 ML/day) for a couple of hours.

We will update the report about every three hours. The next report will include more information about the closing sequence, including the broad timeframes for dam levels to be reduced. Note that, while dam levels are reducing, they remain at critical levels.

An update on water treatment will be provided later this morning.

Please call me on [REDACTED] if you require further information.

Regards,  
 Dan

**Daniel Spiller**

Director, Operations

**SEQ Water Grid Manager**

Phone: [REDACTED]

Email: [REDACTED]

Visit: Level 15, 53 Albert Street Brisbane

Post: PO Box 16205, City East QLD 4002

ABN: 14783 317 630

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14/02/2012

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**From:** Dan Spiller [REDACTED]  
**Sent:** Wednesday, 12 January 2011 9:00 AM  
**To:** 'stephen.robertson [REDACTED]'; 'ken.smith [REDACTED]'; Bradley John; 'lance.mccallum [REDACTED]'; 'Tim.Watts [REDACTED]'; 'Geoff.Stead [REDACTED]'; 'Lauren.Sims [REDACTED]'; 'Martin.Peter [REDACTED]'; 'Dunn.KerryG [REDACTED]'; Best Debbie  
**Cc:** Dennien Barry @ SEQWGM; 'Peter Borrows'; 'Rob Drury'; Media @ SEQWGM; SEQWGM Emergency; 'Madgwick.DarrenT [REDACTED]'; Brown Damien; Reilly Bob  
**Subject:** Dam release update  
**Follow Up Flag:** Follow up  
**Flag Status:** Completed  
**Attachments:** Technical Situation Report W48.docx

All,

Attached is an updated Technical Support Report, including advice about the gate closure process.

Note that releases have been reduced to 2,500 cubic metres per second while peak Lockyer Valley flows pass. Increases will then increase to 3,500 cubic metres per second.

Please call me on [REDACTED] if you require further information.

Regards,  
 Dan

**Daniel Spiller**

Director, Operations

**SEQ Water Grid Manager**

Phone: [REDACTED]

Email: [REDACTED]

Visit: Level 15, 53 Albert Street Brisbane

Post: PO Box 16205, City East QLD 4002

ABN: 14783 317 630

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**From:** Peter Borrows [REDACTED]  
**Sent:** Tuesday, 11 January 2011 7:28 AM  
**To:** barry.den [REDACTED]  
**Cc:** daniel.spiller [REDACTED] gov.au; Best Debbie  
**Subject:** Fw: Water Grid dam release strategy  
**Follow Up Flag:** Follow up  
**Flag Status:** Completed  
**Attachments:** Technical Situation Report W38.docx; ATT33793.txt  
 Barry an you try and get this briefing at 10.30 please.

---

**From:** Dan Spiller <[REDACTED]>  
**To:** 'stephen.robertson' <stephen.robertson@[REDACTED]>; 'Ken Smith' <ken.smith@[REDACTED]>; 'Lance McCallum' <[REDACTED]>; 'Tim Watts' <[REDACTED]>; 'Geoff Stead' <[REDACTED]>; 'lauren.sims' <[REDACTED]>; 'Martin.Peter' <[REDACTED]>; 'Dunn.Kerry' <[REDACTED]>  
**Cc:** Barry Dennien <[REDACTED]>; Peter Borrows; Rob Drury; Paul Bird; 'Damien Brown' <[REDACTED]>; 'bob.reilly' <[REDACTED]>; 'terry.wal' <[REDACTED]>; 'Madgwick.Darren' <[REDACTED]>  
**Sent:** Tue Jan 11 07:16:44 2011  
**Subject:** Water Grid dam release strategy

All,

Attached is the latest report, with the BoM warning on the Lockyer flood below.

Key points are:

- Current releases are 2,750 cubic metres per second (about 240,000 ML/day). Due to heavy rainfall in the catchment, it was not possible to reduce releases to allow the Lockyer Valley flows to pass.
- Further rainfall may result in the need to increase releases.
- Wivenhoe Dam is at 73.51m AHD and rising at about 25mm/hour. Above 74m, the primary objective becomes maintaining the security of the dam. Releases would be increased at this level with less scope for consideration of downstream impacts.

The BoM is remodeling based on this release strategy. There is some uncertainty about the level of flows coming from the Lockyer.

Please call me on [REDACTED] if you require any further information.

Debbie and Tim: I recommend that a briefing for the Minister would be appropriate, perhaps around 10am.

Regards,  
 Daniel Spiller

Australian Government Bureau of Meteorology Queensland

PRIORITY

FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE

14/02/2012

INCLUDING BRISBANE CITY Issued at 4:06 AM on Tuesday the 11th of January 2011 by the Bureau of Meteorology, Brisbane.

The main flood waters in the Lockyer Creek are now arriving at Lyons Bridge, with strong stream rises expected during Tuesday.

Wivenhoe dam is providing significant mitigation of upper Brisbane floods. River flows from the Bremer and Lockyer catchments combined with releases from Wivenhoe dam are expected to increase levels in Brisbane during Tuesday.

At the Brisbane City Gauge, minor flood levels of about 2.1 metres are expected with the afternoon high tide on Tuesday and levels of about 3 metres are expected with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

#### LOCKYER CREEK:

Extremely heavy rainfall during Monday led to extreme rises in the Lockyer Creek catchment and Laidley Creek at Mulgowie. Record flood levels of 18.92 metres were recorded at Gatton Monday evening before the station failed. This level was well above the previous record peak of 16.33 metres from the February 1893 flood.

The main flood waters are currently arriving at Lyons Bridge, with strong stream rises expected in the next few hours. The Lockyer Creek at Glenore Grove peaked at 14.60 metres at 11:30pm, which is 0.3 metres below the 1974 flood.

Renewed stream rises have commenced in Lockyer Creek at Lyons Bridge with a peak between 16 and 16.5 metres expected Tuesday morning. This is likely to be similar in level to the 1996 flood.

#### BREMER RIVER:

The Bremer River at Walloon has exceeded the moderate flood level. The Bremer River at Rosewood peaked at 5.8 metres around midnight Monday.

The Bremer River at Ipswich is expected to reach about 12.7 metres on Tuesday afternoon. Higher levels are possible.

#### WARRILL CREEK

Warrill Creek at Amberley peaked at 5.98 metres around 9pm Monday.

#### MIDDLE AND LOWER BRISBANE:

Moderate flooding is developing at Savages Crossing and at Mt Crosby Weir.

At the Brisbane City Gauge (lower end of Edward Street and at Thornton Street), minor flood levels of about 2.1 metres are expected with the afternoon high tide on Tuesday and levels of about 3 metres are expected with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

#### Predicted River Heights/Flows:

Ipswich: Reach about 12.7 metres (major) during Tuesday afternoon.

Moggill: Reach about 12 metres (minor) during Tuesday afternoon.

Jindalee: Reach about 7 metres (minor) overnight Tuesday.

Brisbane: Reach about 2.1 metres (minor) with the afternoon high tide on Tuesday. Reach about 3 metres (moderate) with the high tides on Wednesday.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

Further rises are possible at all four locations depending on further rain.

14/02/2012

## Next Issue:

The next warning will be issued at about 8am Tuesday.

## Latest River Heights:

|                                    |                     |                       |
|------------------------------------|---------------------|-----------------------|
| Lockyer Ck at Helidon #            | 12.68m steady       | 03:02 PM MON 10/01/11 |
| Flagstone Ck at Brown-Zirbels Rd * | 3.49m falling       | 02:10 AM TUE 11/01/11 |
| Sandy Creek at Sandy Creek Road #  | 2.15m falling       | 03:19 AM TUE 11/01/11 |
| Ma Ma Ck at Harm's *               | 3.26m rising        | 02:30 AM TUE 11/01/11 |
| Tenthill Ck at Tenthill *          | 5.57m rising        | 02:40 AM TUE 11/01/11 |
| Lockyer Ck at Gatton #             | 18.92m rising       | 06:30 PM MON 10/01/11 |
| Laidley Ck at Mulgowie *           | 6.39m rising        | 02:20 AM TUE 11/01/11 |
| Laidley Ck at Laidley              | 8.7m falling slowly | 10:00 PM MON 10/01/11 |
| Laidley Ck at Showground Weir #    | 7.84m rising        | 03:25 AM TUE 11/01/11 |
| Laidley Ck at Warrego Hwy *        | 6.41m rising        | 02:00 AM TUE 11/01/11 |
| Lockyer Ck at Glenore Grove #      | 13.8m falling       | 03:24 AM TUE 11/01/11 |
| Lockyer Ck at Lyons Br #           | 15.55m rising       | 03:23 AM TUE 11/01/11 |
| Lockyer Ck at Rifle Range Rd *     | 15.39m rising       | 02:40 AM TUE 11/01/11 |
| Lockyer Ck at O'Reilly's Weir #    | 18m falling         | 03:28 AM TUE 11/01/11 |
| Brisbane R at Lowood Pump Stn #    | 15.93m falling      | 03:31 AM TUE 11/01/11 |
| Brisbane R at Savages Crossing #   | 15.89m rising       | 03:29 AM TUE 11/01/11 |
| Brisbane R at Burtons Br #         | 12.22m rising       | 03:29 AM TUE 11/01/11 |
| Brisbane R at Kholo Br #           | 7.99m rising        | 03:29 AM TUE 11/01/11 |
| Brisbane R at Mt Crosby #          | 15.82m steady       | 03:30 AM TUE 11/01/11 |
| Brisbane R at Mt Crosby #          | 14.08m falling      | 04:39 PM MON 10/01/11 |
| Brisbane R at Colleges Crossing #  | 13.91m rising       | 03:32 AM TUE 11/01/11 |
| Bremer R at Rosewood#              | 5.56m falling       | 03:11 AM TUE 11/01/11 |
| Bremer R at Five Mile Br Walloon # | 6.4m rising         | 03:15 AM TUE 11/01/11 |
| Warrill Ck at Greens Rd Amberley # | 5.84m falling       | 03:29 AM TUE 11/01/11 |
| Bremer R at One Mile Br #          | 13.75m rising       | 03:31 AM TUE 11/01/11 |
| Bremer R at Hancocks Br Brassall # | 11.33m rising       | 03:22 AM TUE 11/01/11 |
| Bremer R at Ipswich #              | 8.55m rising        | 03:31 AM TUE 11/01/11 |
| Brisbane R at Moggill #            | 7.07m rising        | 03:29 AM TUE 11/01/11 |
| Brisbane R at Jindalee Br #        | 4.5m rising         | 03:29 AM TUE 11/01/11 |
| Brisbane R at City Gauge #         | 1.4m falling        | 03:15 AM TUE 11/01/11 |

\*automatic station

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

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**Robert Drury**

Dam Operations Manager

Water Delivery

Queensland Bulk Water Supply Authority *trading as Seqwater*

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 cid:image001.png@01CA24E1.BD

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)

14/02/2012

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**From:** Best Debbie  
**Sent:** Saturday, 8 January 2011 9:17 AM  
**To:** ken.smith [REDACTED]  
**Subject:** Fw: Water Grid operations update: 8/1/11

**Attachments:** Technical Situation Report W31.docx



Technical Situation  
Report W31...

Ken

A bit of action in SE which you need to be aware of. WGM is liaising with the LDMG.  
Debbie

----- Original Mes

From: Dan Spiller [REDACTED] >

To: stephen.robert [REDACTED]

<

[REDACTED]

[REDACTED] Tim  
W [REDACTED] ff

Stead ( [REDACTED]  
lauren. [REDACTED] bbie;

Martin.Peter [REDACTED]

Dunn.KerryG@ [REDACTED]

Cc: Rob [REDACTED] >;

mfooster [REDACTED]

Reilly [REDACTED]

Denner Scott @ SEQWGM

Sent: Sat Jan 08 08:59:30 2011

Subject: Water Grid operations update: 8/1/11

All,

Dam releases

Attached is the current technical situation report.

Releases are being made from Somerset, Wivenhoe, North Pine and Leslie Harrison dams, with forecasts of high rainfall totals over the next four days.

For Wivenhoe Dam:

- \* All five gates are now open with the release rate planned to increase to 1200 cubic metres per second by midday today. This release rate is less than peak release from October 2010.
- \* The release strategy will continue to be reviewed based on actual rainfall. With significant inflows, it may need to be increased.
- \* As advised yesterday, a number of local birdges have been inundated by releases and local flows. The Fernvale and Mt Crosby Weir Bridges could potentially also be affected if predicted rainfall totals eventuate.
- \* The BoM and Seqwater concur that current releases will increase the level of the lower Brisbane River by about 50 to 100mm. There is currently a 40 to 50mm atmospheric anomaly.

Releases from North Pine and Leslie Harrison dams are continuing. Releases from Hinze Dam are expected to be required over the weekend.

Water treatment

In terms of operations, Lockyer Valley flows have again caused a turbidity spike in the Brisbane River. Impacts are expected to peak today at Mt Crosby today, before being diluted by dam releases. There are similar issues at some other locations.

Despite the spike, all key plants are currently operating within critical limits with

any impacts being monitored. Seqwater and Linkwater have prepared for potential issues by increasing treated water storage and staffing at some treatment plants. Desalination is at one-third capacity and ready to increase production within two hours of an instruction (but is unlikely to be required in this event).

With forecast rainfall, these type of issues are likely to recur over the remainder of the wet season.

Please call me on [REDACTED] if you require any further information.

Regards,  
Dan

---

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[REDACTED]

---

**From:** Best Debbie  
**Sent:** Saturday, 8 January 2011 9:53 AM  
**To:** ken.smith [REDACTED]  
**Subject:** Fw: Water Grid operations update: 8/1/11

A summary of impacts

----- Original Mes  
From: Dan Spiller [REDACTED] >  
To: Best Debbie  
Sent: Sat Jan 08 09:47:48 2011  
Subject: RE: Water Grid operations update: 8/1/11

Debbie,

We expect river levels to be similar to yesterday, and again due to tides rather than releases.

River yesterday peaked at about 1.85 metres at the Port Office gauge. The high peak was due almost entirely due to tides and a 0.4 to 0.5 metre atmospheric anomaly.

BoM and Seqwater agree that flows of 1500 cumecs over Mt Crosby will contribute about 0.05m (50mm) to peak river levels at the Port Office gauge. We are planning to release at 1200 cumecs from midday, with an allowance for Lockyer Valley flows (which peaked at about 500 cumecs this week and are reducing). For interest only, the impact on low tide levels is greater - meaning that there is less variation in river levels.

The key risk will be if the high rainfall eventuates (200mm over four days). We will review as this occurs, but in the meantime it is important that we get the flood storage compartment down to give ourselves some flexibility.

Looking forward, we are preparing a more detailed brief on potential scenarios with the upcoming January and February peak tides. The challenge is that river levels are due to about five different factors, of which only tides can be predicted this far out. Atmospheric anomalies can only be predicted a few days out.

Short answer is that we expect ongoing low level flooding (defined by BCC as 1.7m at the Port Office gauge). Moderate Brisbane River flooding as defined by BCC would still require significantly larger releases than have been made at any time since Wivenhoe Dam was completed, potentially combined with another large atmospheric anomaly. Note that local flooding can occur for a range of other reasons, as flagged in the CM today.

Hope this helps.

Dan

---

From: Best Debbie [REDACTED]  
Sent: Saturday, 8 Jan 2011  
To: Dan Spiller  
Subject: Fw: Water Grid operations update: 8/1/11

Dan you give detail?  
Debbie

----- Original M  
From: Ken Smith [REDACTED] >  
To: Best Debbie  
Sent: Sat Jan 08 09:26:23 2011  
Subject: Re: Water Grid operations update: 8/1/11

Thanks Deb. Can't access the attachment at home. Likelihood of localised flooding?

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

From: Best Debbie [REDACTED]>  
To: Ken Smith  
Sent: Sat Jan 08 09:16:40 2011  
Subject: Fw: Water Grid operations update: 8/1/11

Ken  
A bit of action in SE which you need to be aware of. WGM is liaising with the LDMG.  
Debbie

----- Original Message  
From: Dan Spiller <[REDACTED]>  
To: [REDACTED]  
<[REDACTED]>; Tim  
W [REDACTED] ff  
Stead [REDACTED]  
lauren [REDACTED] bbie;  
Martin.Pete [REDACTED]  
Dunn.KerryG [REDACTED]  
Cc: Rob [REDACTED]  
mfoster [REDACTED]  
Reilly [REDACTED];  
Denner Scott @ SEQWGM  
Sent: Sat Jan 08 08:59:30 2011  
Subject: Water Grid operations update: 8/1/11

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Please call me on [REDACTED] if you require any further information.



Regards,  
Dan

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+-----+  
Think B4U Print  
1 ream of paper = 6% of a tree and 5.4kg CO2 in the atmosphere  
3 sheets of A4 paper = 1 litre of water  
+-----+

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[REDACTED]

---

**From:** Dan Spiller [REDACTED]  
**Sent:** Tuesday, 11 January 2011 8:01 AM  
**To:** Dennien Barry @ SEQWGM  
**Cc:** Be st Debbie  
**Subject:** Levels

Wivenhoe Dam: 173%  
Somerset Dam: 160%

**Daniel Spiller**

Director, Operations

**SEQ Water Grid Manager**

Phone: [REDACTED]

Email: [REDACTED]

Visit: Level 15, 53 Albert Street Brisbane

Post: PO Box 16205, City East QLD 4002

ABN: 14783 317 630

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**From:** media porta [REDACTED]  
**Sent:** Wednesday, 12 January 2011 5:00 PM  
**To:** Be st Debbie  
**Subject:** Mediaportal Alert - Radio and TV

Hi Debbie Best

Your folder – Radio and TV – has been updated with 2 new media items.

To alter the alert settings on this folder please login to Mediaportal - <http://www.mediaportal.com>



**ABC 612 Brisbane, Brisbane**  
 Emergency Flood Coverage: 12 January  
 2011 03:49PM

**Item ID:**  
 W00042071104  
**Duration:** 3 mins 54  
 secs

Compere: Kelly Higgins-Devine

Interview with Barry Dennien, Manager, SEQ Water Grid. Dennien says that Wivenhoe Dam hit capacity last night and at 11:30pm they began reducing the amount of discharge from the dams by a third after levels stabilised. He says that this will facilitate an easier flow into the Brisbane River from the Lockyer Creek and Bremer River. He says that fortunately it looks like there won't be any rain over the next few days. He says that there were record peak inflows to Somerset Dam yesterday. He says that North Pine and Leslie Harrison Dams are also releasing water. Dennien asks everyone to conserve water where they can.

#### Interviewee

Barry Dennien, Manager, SEQ Water Grid

#### Syndication

This program or part thereof is syndicated to the following (10) station(s): ABC Capricornia (Rockhampton), ABC Far North (Cairns), ABC Gold and Tweed Coasts (Gold Coast), ABC North Queensland (Townsville), ABC North West Qld (Mt Isa), ABC Southern Queensland (Toowoomba), ABC Sunshine and Cooloola Coasts (Sunshine Coast), ABC Tropical North (Mackay), ABC Western Queensland (Longreach), ABC Wide Bay (Bundaberg).

#### Audience:

**Male 16+:** 13,000  
**Female 16+:** 13,000  
**All People:** 26,000



**ABC 612 Brisbane, Brisbane**  
 Emergency Flood Coverage: 12 January  
 2011 02:59PM

**Item ID:**  
 W00042070905  
**Duration:** 0 mins 26  
 secs

Compere: Richard Fidler

Fidler says the Brisbane City Council has advised that Brisbane water and sewerage treatment plants are operating as normal and water is fine to drink, although they are asking to conserve water.

#### Syndication

This program or part thereof is syndicated to the following (10) station(s): ABC Capricornia (Rockhampton), ABC Far North (Cairns), ABC Gold and Tweed Coasts (Gold Coast), ABC North Queensland (Townsville), ABC North West Qld (Mt Isa), ABC Southern Queensland (Toowoomba), ABC Sunshine and Cooloola Coasts (Sunshine Coast), ABC Tropical North (Mackay), ABC Western Queensland (Longreach), ABC Wide Bay (Bundaberg).

#### Audience:

**Male 16+:** 8,000  
**Female 16+:** 12,000  
**All People:** 19,000



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<http://www.mediamonitors.com.au>

**From:** Dan Spiller [REDACTED]  
**Sent:** Wednesday, 12 January 2011 8:34 PM  
**To:** 'stephen.robertson [REDACTED]'; 'ken.smith [REDACTED]'; Bradley John; 'lance.mccallum [REDACTED]'; 'Tim.Watts [REDACTED]'; 'Geoff.Stead [REDACTED]'; 'Lauren.Sims [REDACTED]'; 'Martin.Peter [REDACTED]'; 'Dunn.KerryG [REDACTED]'; Best Debbie  
**Cc:** Dennien Barry @ SEQWGM; 'Peter Borrows'; 'Rob Drury'; Media @ SEQWGM; SEQWGM Emergency; 'Madgwick.DarrenT [REDACTED]'; Brown Damien; Reilly Bob; seqwgm [REDACTED]  
**Subject:** RE: Dam release update  
**Follow Up Flag:** Follow up  
**Flag Status:** Completed  
**Attachments:** Technical\_ Situation\_Report\_W51.docx

All,

Attached is an updated Technical Support Report.

Please call me on [REDACTED] if you require further information.

Regards,  
 Dan

**Daniel Spiller**

Director, Operations

[SEQ Water Grid Manager](#)

Phone: [REDACTED]

Email: [REDACTED]

Visit: Level 15, 53 Albert Street Brisbane

Post: PO Box 16205, City East QLD 4002

ABN: 14783 317 630

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**From:** Rob Drury [REDACTED]  
**Sent:** Monday, 10 January 2011 7:53 AM  
**To:** Rob Drury; spiller daniel @ SEQWGM; Dennien Barry @ SEQWGM; Lyons Michael @ SEQWGM; Media @ SEQWGM; Best Debbie; Denner Scott @ SEQWGM; Paul Bird; Stan Stevenson; Peter Borrows; Allen Peter  
**Subject:** RE: Technical Report W35

**Follow Up Flag:** Follow up

**Flag Status:** Completed

**Attachments:** Technical Situation Report W35.docx

[Attached report W35.](#)

Rob

**Robert Drury**

Dam Operations Manager

Water Delivery

Queensland Bulk Water Supply Authority *trading as Seqwater*

 Seqwater\_No-Lifeguards-Here\_email\_strap

 cid:image001.png@01CA24E1.BD

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)

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**From:** Dan Spiller [REDACTED]  
**Sent:** Monday, 10 January 2011 5:31 AM  
**To:** spiller daniel @ SEQWGM; 'stephen.robertson [REDACTED]'; 'Ken Smith [REDACTED]'; 'Lance McCallum [REDACTED]'; 'Tim Watts [REDACTED]'; 'Geoff Stead [REDACTED]'; 'lauren.sims [REDACTED]'; 'Best Debbie'; 'Martin.Peter [REDACTED]'; 'Dunn.Kerry [REDACTED]';  
**Cc:** 'Rob Drury'; 'pbird [REDACTED]'; 'sstevenson [REDACTED]'; Media @ SEQWGM; Denner Scott @ SEQWGM; 'Madgwick.Darren [REDACTED]'; Brown Damien; Reilly Bob  
**Subject:** RE: Updated Wivenhoe Dam release strategy

The Mt Crosby Weir and Fernvale Bridges were both inundated by other flows last night. Councils were advised and are on site.

Dam releases began to be increased overnight, brought forward because the bridges were already and with increasing inflows to storages.

We are preparing communications and technical information.

Regards,  
 Dan

---

**From:** Dan Spiller  
**Sent:** Sunday, January 09, 2011 11:07 PM  
**To:** stephen.robertson [REDACTED]; Ken Smith [REDACTED]; Lance McCallum ([REDACTED]); Tim Watts [REDACTED]; Geoff Stead ([REDACTED]); lauren.sims [REDACTED]; Debbie Best [REDACTED]; Martin.Peter [REDACTED]; Dunn.Kerry [REDACTED];  
**Cc:** 'Rob Drury'; pbird [REDACTED]; 'sstevenson [REDACTED]'; SEQWGM Media; Scott Denner; Madgwick.Darren [REDACTED]; Damien Brown (damien.brown [REDACTED]); bob.reilly [REDACTED];  
**Subject:** Updated Wivenhoe Dam release strategy

All,

Latest advice from the Flood Control Centre attached.

There has been 100 to 300mm of rainfall in the Wivenhoe and Somerset dam catchments over the past 24 hours. Rainfall of similar magnitudes is expected over the next 12 to 24 hours.

At this time, including forecast rainfall, total inflows will exceed 1,000,000 ML and may approach 1,500,000 ML - in the order of the 1974 flood volume.

To date, the primary objective for this event has been managing to prevent inundation of the Mt Crosby Weir and Fernvale Bridges.

With the forecast volumes, this primary objective is being changed to minimizing the risk of urban inundation. This involves larger releases now, minimizing the risk of even larger releases later (were the flood compartment to reach high levels).

Urban inundation in the City reaches generally commences at total river flows of about 3,500 cubic metres per second (dam releases plus Lockyer and Bremer). At this time, and depending upon overnight rainfall, the Flood Control Centre is proposing to increase releases from around 1,200 to 2,500 cubic metres per second from midday tomorrow. This provides an allowance for other flows.

The Mt Crosby Weir and Fernvale bridges will certainly be inundated - isolating or inconveniencing many Brisbane Valley residents. The timing will depend largely on local flows, with the river having recently increased to be about one foot below the deck. Seqwater is preparing the bridge to be inundated, and may need to close it tonight. However, other flows permitting, we will delay inundating the bridge until

14/02/2012

tomorrow night - providing notice for impacted residents.

Actions to date:

- Notified Councils (up to the CEO level at BCC)
- Notified Police (Assistant Commissioner)
- Increasing treated water storage and preparing treatment plants, should there again be increased turbidity levels or other operational issues.

A media advice is being prepared now, for review and issue by 7am. The advice will address the closure of the bridges, with the intent of providing as much notice as possible to impacted residents (if not already closed). Impacts on the City reaches will be addressed following further consultation with Council (with there being a 20+ hour transit time).

It is important to note that the dams are managing impacts by delaying and reducing releases. For comparison, peak flows into the dam are forecast to reach up to 7,500 cubic metres per second - excluding any downstream flows.

Please call me on [REDACTED] if you require any further information.

Regards,  
Daniel Spiller

---

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[REDACTED]

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**Sent:** Saturday, 8 January 2011 9:26 AM  
**To:** Best Debbie  
**Subject:** Re: Water Grid operations update: 8/1/11

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From: Best Debbie <[REDACTED]>  
To: Ken Smith  
Sent: Sat Jan 08 09:16:40 2011  
Subject: Fw: Water Grid operations update: 8/1/11

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Debbie

----- Original Mess  
From: Dan Spiller <[REDACTED]>  
T  
[REDACTED] Tim  
[REDACTED] ff  
[REDACTED] ebbie;  
Stead  
lauren  
Martin.Pete  
Dunn.KerryG  
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mfoster  
Reilly  
Denner Scott @ SEQWGM  
Sent: Sat Jan 08 08:59:30 2011  
Subject: Water Grid operations update: 8/1/11

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Water treatment

In terms of operations, Lockyer Valley flows have again caused a turbidity spike in the Brisbane River. Impacts are expected to peak today at Mt Crosby today, before being diluted by dam releases. There are similar issues at some other locations.

Despite the spike, all key plants are currently operating within critical limits with any impacts being monitored. Seqwater and Linkwater have prepared for potential issues by increasing treated water storage and staffing at some treatment plants. Desalination is at one-third capacity and ready to increase production within two hours of an instruction (but is unlikely to be required in this event).

With forecast rainfall, these type of issues are likely to recur over the remainder of the wet season.

Please call me on [REDACTED] if you require any further information.

Regards,  
Dan

---

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3 sheets of A4 paper = 1 litre of water  
+-----+

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[REDACTED]

---

**From:** Dan Spiller [REDACTED]  
**Sent:** Saturday, 8 January 2011 9:48 AM  
**To:** Best Debbie  
**Subject:** RE: Water Grid operations update: 8/1/11

Debbie,

We expect river levels to be similar to yesterday, and again due to tides rather than releases.

River yesterday peaked at about 1.85 metres at the Port Office gauge. The high peak was due almost entirely due to tides and a 0.4 to 0.5 metre atmospheric anomaly.

BoM and Seqwater agree that flows of 1500 cumecs over Mt Crosby will contribute about 0.05m (50mm) to peak river levels at the Port Office gauge. We are planning to release at 1200 cumecs from midday, with an allowance for Lockyer Valley flows (which peaked at about 500 cumecs this week and are reducing). For interest only, the impact on low tide levels is greater - meaning that there is less variation in river levels.

The key risk will be if the high rainfall eventuates (200mm over four days). We will review as this occurs, but in the meantime it is important that we get the flood storage compartment down to give ourselves some flexibility.

Looking forward, we are preparing a more detailed brief on potential scenarios with the upcoming January and February peak tides. The challenge is that river levels are due to about five different factors, of which only tides can be predicted this far out. Atmospheric anomalies can only be predicted a few days out.

Short answer is that we expect ongoing low level flooding (defined by BCC as 1.7m at the Port Office gauge). Moderate Brisbane River flooding as defined by BCC would still require significantly larger releases than have been made at any time since Wivenhoe Dam was completed, potentially combined with another large atmospheric anomaly. Note that local flooding can occur for a range of other reasons, as flagged in the CM today.

Hope this helps.

Dan

---

From: Best Debbie [REDACTED]  
Sent: Saturday, 8 Jan 2011 10:00  
To: Dan Spiller  
Subject: Fw: Water Grid operations update: 8/1/11

Dan you give detail?  
Debbie

----- Original Message  
From: Ken Smith <[REDACTED]>  
To: Best Debbie [REDACTED]  
Sent: Sat Jan 08 09:26:23 2011  
Subject: Re: Water Grid operations update: 8/1/11

Thanks Deb. Can't access the attachment at home. Likelihood of localised flooding?

----- Original Message  
From: Best Debbie <[REDACTED]>  
To: Ken Smith [REDACTED]  
Sent: Sat Jan 08 09:16:40 2011  
Subject: Fw: Water Grid operations update: 8/1/11

Ken  
A bit of action in SE which you need to be aware of. WGM is liaising with the LDMG.  
Debbie

----- Original Mess

From: Dan Spiller <[REDACTED]>

T

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C

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Stead (

lauren.

Martin.Pete

Dunn.KerryC

Cc: Rob

mfoster

Reilly

Denner Scott @ SEQWGM

Sent: Sat Jan 08 08:59:30 2011

Subject: Water Grid operations update: 8/1/11

Tim

ff

>;

Debbie;

er

All,

Dam releases

Attached is the current technical situation report.

Releases are being made from Somerset, Wivenhoe, North Pine and Leslie Harrison dams, with forecasts of high rainfall totals over the next four days.

For Wivenhoe Dam:

\* All five gates are now open with the release rate planned to increase to 1200 cubic metres per second by midday today. This release rate is less than peak release from October 2010.

\* The release strategy will continue to be reviewed based on actual rainfall. With significant inflows, it may need to be increased.

\* As advised yesterday, a number of local bridges have been inundated by releases and local flows. The Fernvale and Mt Crosby Weir Bridges could potentially also be affected if predicted rainfall totals eventuate.

\* The BoM and Seqwater concur that current releases will increase the level of the lower Brisbane River by about 50 to 100mm. There is currently a 40 to 50mm atmospheric anomaly.

Releases from North Pine and Leslie Harrison dams are continuing. Releases from Hinze Dam are expected to be required over the weekend.

Water treatment

In terms of operations, Lockyer Valley flows have again caused a turbidity spike in the Brisbane River. Impacts are expected to peak today at Mt Crosby today, before being diluted by dam releases. There are similar issues at some other locations.

Despite the spike, all key plants are currently operating within critical limits with any impacts being monitored. Seqwater and Linkwater have prepared for potential issues by increasing treated water storage and staffing at some treatment plants. Desalination is at one-third capacity and ready to increase production within two hours of an instruction (but is unlikely to be required in this event).

With forecast rainfall, these type of issues are likely to recur over the remainder of the wet season.

Please call me on [REDACTED] if you require any further information.

Regards,

Dan

---

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**From:** Dan Spiller [REDACTED]  
**Sent:** Saturday, 8 January 2011 12:39 PM  
**To:** stephen.robertson [REDACTED]; Lance McCallum ([REDACTED]); Tim Watts [REDACTED]; Geoff Stead ([REDACTED]); Lauren Sims [REDACTED]; Best Debbie; Martin.Peter [REDACTED]; Dunn.KerryG@ [REDACTED]  
**Cc:** Media @ SEQWGM; Madgwick.DarrenT [REDACTED]; Denner Scott @ SEQWGM; 'sstevensor [REDACTED]; pbird [REDACTED]  
**Subject:** RE: Water Grid operations update: 8/1/11

All,

High turbidity caused the Mt Crosby WTP to cease production for a period this morning. Turbidity levels have since returned to controllable levels and production recommenced, initially at low levels.

Reservoir levels in central SEQ dropped over this period, albeit from a high starting level. To stabilize reservoir levels, we have increased desalination production to two-thirds of capacity for about 24 hours.

Other plants are operating within critical limits.

While this turbidity peak has passed, we will monitor the impacts of rainfall over coming days and respond as appropriate.

Regards,  
 Dan

---

**From:** Dan Spiller  
**Sent:** Saturday, January 08, 2011 9:00 AM  
**To:** stephen.robertson [REDACTED]; Lance McCallum ([REDACTED]); Tim Watts ([REDACTED]); Geoff Stead [REDACTED]; Lauren Sims [REDACTED]; Debbie Best [REDACTED]; Martin.Peter [REDACTED]; Dunn.KerryG [REDACTED]  
**Cc:** Rob Drury [REDACTED]; mfoster [REDACTED]; SEQWGM Media; Damien Brown [REDACTED]; bob.reilly [REDACTED]; Madgwick.DarrenT [REDACTED]; Scott Denner  
**Subject:** Water Grid operations update: 8/1/11

All,

## Dam releases

Attached is the current technical situation report.

Releases are being made from Somerset, Wivenhoe, North Pine and Leslie Harrison dams, with forecasts of high rainfall totals over the next four days.

For Wivenhoe Dam:

- All five gates are now open with the release rate planned to increase to 1200 cubic metres per second by midday today. This release rate is less than peak release from October 2010.
- The release strategy will continue to be reviewed based on actual rainfall. With significant inflows, it may need to be increased.
- As advised yesterday, a number of local bridges have been inundated by releases and local flows. The Fernvale and Mt Crosby Weir Bridges could potentially also be affected if predicted rainfall totals eventuate.
- The BoM and Seqwater concur that current releases will increase the level of the lower Brisbane River by about 50 to 100mm. There is currently a 40 to 50mm atmospheric anomaly.

Releases from North Pine and Leslie Harrison dams are continuing. Releases from Hinze Dam are expected to be required over the weekend.

## Water treatment

14/02/2012

In terms of operations, Lockyer Valley flows have again caused a turbidity spike in the Brisbane River. Impacts are expected to peak today at Mt Crosby today, before being diluted by dam releases. There are similar issues at some other locations.

Despite the spike, all key plants are currently operating within critical limits with any impacts being monitored. Seqwater and Linkwater have prepared for potential issues by increasing treated water storage and staffing at some treatment plants. Desalination is at one-third capacity and ready to increase production within two hours of an instruction (but is unlikely to be required in this event).

With forecast rainfall, these type of issues are likely to recur over the remainder of the wet season.

Please call me on [REDACTED] if you require any further information.

Regards,  
Dan

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[REDACTED]

---

**From:** Allen Peter  
**Sent:** Tuesday, 11 January 2011 10:34 AM  
**To:** Best Debbie  
**Cc:** Reilly Bob; Peter Borrows  
**Subject:** Review of Wivenhoe

Debbie,

I have come up with the following names ... (in order of preference)

Brian Cooper ... Current Chair of the NSW Dam Safety Committee – but comes from a dam background with a very good knowledge of Wivenhoe and flood operations.

Ph: [REDACTED] (W)  
Ph: [REDACTED]  
Ph: [REDACTED] (private - Home)

Jeff Gleeson from the Hunter Water Consultancy.

Ph: [REDACTED] (W)  
Ph: [REDACTED]  
Ph: [REDACTED] (private - Home)

Ian Landon-Jones from the Sydney Catchment Authority – he might have to nominate someone who is responsible for the operations of Warragamba Dam

Ph: [REDACTED] (W)  
Ph: [REDACTED]  
Ph: [REDACTED] (private - Home)

John Decataldo from the State Water

Ph: [REDACTED] (W)  
Ph: [REDACTED]

Peter Borrows has rung me in the last couple of minutes and discussed this. I recommend that whoever is engaged keep well clear of the flood operations centre as they could interfere with their urgent and highly complex work. If necessary, I will be available to fully brief whoever is engaged on the details of what is contained in the Manual, how it is operated etc.

**Peter Allen**

Director Dam Safety (Water Supply)  
Office of the Water Supply Regulator

**Telephone** [REDACTED]

**Email** [REDACTED]

[www.derm.qld.gov.au](http://www.derm.qld.gov.au)

Department of Environment and Resource Management  
3rd Floor 41 George Street, Brisbane Q 4000  
GPO Box 2454, Brisbane Q 4001

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**From:** Dan Spiller [REDACTED]  
**Sent:** Sunday, 9 January 2011 11:07 PM  
**To:** step hen.robertson [REDACTED]; Ken Smith ([REDACTED]); Lance McCallum [REDACTED]; Tim Watts [REDACTED]; Geoff Stead [REDACTED]; Lauren Sims [REDACTED]; Best Debbie [REDACTED]; Martin [REDACTED]; Dunn.KerryG [REDACTED]  
**Cc:** 'Rob Drury'; pbird [REDACTED]; 'sstevenson [REDACTED]; Media @ SEQWGM; Denner Scott @ SEQWGM; Madgwick.Darren [REDACTED]; Brown Damien; Reilly Bob  
**Subject:** Updated Wivenhoe Dam release strategy  
**Follow Up Flag:** Follow up  
**Flag Status:** Completed  
**Attachments:** Technical Situation Report W34.docx

All,

Latest advice from the Flood Control Centre attached.

There has been 100 to 300mm of rainfall in the Wivenhoe and Somerset dam catchments over the past 24 hours. Rainfall of similar magnitudes is expected over the next 12 to 24 hours.

At this time, including forecast rainfall, total inflows will exceed 1,000,000 ML and may approach 1,500,000 ML - in the order of the 1974 flood volume.

To date, the primary objective for this event has been managing to prevent inundation of the Mt Crosby Weir and Fernvale Bridges.

With the forecast volumes, this primary objective is being changed to minimizing the risk of urban inundation. This involves larger releases now, minimizing the risk of even larger releases later (were the flood compartment to reach high levels).

Urban inundation in the City reaches generally commences at total river flows of about 3,500 cubic metres per second (dam releases plus Lockyer and Bremer). At this time, and depending upon overnight rainfall, the Flood Control Centre is proposing to increase releases from around 1,200 to 2,500 cubic metres per second from midday tomorrow. This provides an allowance for other flows.

The Mt Crosby Weir and Fernvale bridges will certainly be inundated - isolating or inconveniencing many Brisbane Valley residents. The timing will depend largely on local flows, with the river having recently increased to be about one foot below the deck. Seqwater is preparing the bridge to be inundated, and may need to close it tonight. However, other flows permitting, we will delay inundating the bridge until tomorrow night - providing notice for impacted residents.

Actions to date:

- Notified Councils (up to the CEO level at BCC)
- Notified Police (Assistant Commissioner)
- Increasing treated water storage and preparing treatment plants, should there again be increased turbidity levels or other operational issues.

A media advice is being prepared now, for review and issue by 7am. The advice will address the closure of the bridges, with the intent of providing as much notice as possible to impacted residents (if not already closed). Impacts on the City reaches will be addressed following further consultation with Council (with there being a 20+ hour transit time).

It is important to note that the dams are managing impacts by delaying and reducing releases. For comparison, peak flows into the dam are forecast to reach up to 7,500 cubic metres per second - excluding any downstream flows.

Please call me on [REDACTED] if you require any further information.

14/02/2012

Regards,  
Daniel Spiller

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**From:** Dan Spiller [REDACTED]  
**Sent:** Monday, 10 January 2011 9:46 AM  
**To:** step hen.robertson [REDACTED]; ken.smith [REDACTED]; lance.mccallum [REDACTED]; Tim.Watts [REDACTED]; Geoff.Stead [REDACTED]; Lauren.Sims [REDACTED]; Best Debbie; 'Martin.Peter' [REDACTED]; 'Dunn.KerryG' [REDACTED]  
**Cc:** Rob Drury; Paul Bird; Media @ SEQWGM; Brown Damien; Reilly Bob; Madgwick.DarrenT [REDACTED]; 'Stan Stevenson'  
**Subject:** Water Grid operations update  
**Follow Up Flag:** Follow up  
**Flag Status:** Completed  
**Attachments:** Technical Situation Report W36.docx

All,

Current situation report attached. We are distributing this version of the Technical Support Report to Councils and BoM now. We are seeking their formal input and endorsement by 1pm, prior to finalising and speaking publicly to our release strategy.

For dam operations, key points are:

- There is continuing heavy rainfall in catchments. Total inflows will be at least 1,500,000 ML and probably above 2,100,000 ML.
- As a result, Wivenhoe Dam is above 140% of capacity and Somerset is above 150%, with both rising fast.
- As specified in the approved Operational Procedures, the primary objective is now to minimizing the risk of urban inundation (release strategy W2). This involves larger releases now, minimizing the risk of even larger releases later (were the flood compartment to reach high levels).
- Consistent with this release strategy, dam releases have increased to 1,750 cubic metres per second (150,000 ML/day). It is expected to increase to 2,600 cubic metres per second by midday tomorrow.
- As specified in the approved Operational Manual, we are targeting maximum flow in the Brisbane River of 3,500 cumecs at Moggill. This is the levels above which urban inundation begins.
- For comparison, flows would be up to 12,000 cumecs without the dams.

For water treatment, key points are:

- Key facilities are operating and reservoir levels are high. Mt Crosby WTP is producing at 250 ML/day and desalination at one-third of capacity.
- There are a range of smaller plants that have been impacts, due to inundation of infrastructure, connections or stranding of operators. We are working through these issues and will advise if any become critical.

Please call me on [REDACTED] if you require any further information.

Regards,  
 Dan

**Daniel Spiller**

Director, Operations

**SEQ Water Grid Manager**

Phone: [REDACTED]

Email: [REDACTED]

Visit: Level 15, 53 Albert Street Brisbane

Post: PO Box 16205, City East QLD 4002

ABN: 14783 317 630

14/02/2012

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**From:** Dan Spiller [REDACTED]  
**Sent:** Sunday, 9 January 2011 8:14 AM  
**To:** step hen.robertson [REDACTED]; Lance McCallum ([REDACTED]); Tim Watts ([REDACTED]); Geoff Stead ([REDACTED]); Lauren Sims ([REDACTED]); Best Debbie; Martin.Peter ([REDACTED]); Dunn.Kerry ([REDACTED])  
**Cc:** Rob Drury ([REDACTED]); pbird ([REDACTED]); Media @ SEQWGM; Brown Damien; Reilly Bob; Madgwick.Darren ([REDACTED])  
**Subject:** Water Grid operations update: 9/1  
**Follow Up Flag:** Follow up  
**Flag Status:** Completed  
**Attachments:** Technical Situation Report W32.docx

All,

Current technical situation report.

Key points are:

- Wivenhoe Dam is continuing releases at about 116,000 ML/day. Releases are expected to continue until at least Wednesday.
- A severe weather warning remains current for dam catchments. There has been heavy rainfall in the Somerset Dam catchment over the past two hours.
- The release strategy will continue to be reviewed based on actual rainfall.
- Releases are being made so as to avoid inundating the Fernvale and Mt Crosby Weir Bridges. Other flows may impact on the bridges, should the forecast rainfall eventuate.
- North Pine Dam may cease releases today or tomorrow morning, depending upon actual rainfall.
- Many dams and recreation areas are closed.

Please call me on [REDACTED] if you require any further information.

Regards,  
 Daniel Spiller

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[REDACTED]

---

**From:** Allen Peter  
**Sent:** Tuesday, 11 January 2011 10:34 AM  
**To:** Best Debbie  
**Cc:** Reilly Bob; Peter Borrows  
**Subject:** Review of Wivenhoe

Debbie,

I have come up with the following names ... (in order of preference)

Brian Cooper ... Current Chair of the NSW Dam Safety Committee – but comes from a dam background with a very good knowledge of Wivenhoe and flood operations.

Ph: [REDACTED] (W)  
Ph: [REDACTED]  
Ph: [REDACTED] (private - Home)

Jeff Gleeson from the Hunter Water Consultancy.

Ph: [REDACTED] (W)  
Ph: [REDACTED]  
Ph: [REDACTED] (private - Home)

Ian Landon-Jones from the Sydney Catchment Authority – he might have to nominate someone who is responsible for the operations of Warragamba Dam

Ph: [REDACTED] (W)  
Ph: [REDACTED]  
Ph: [REDACTED] (private - Home)

John Decataldo from the State Water

Ph: [REDACTED] (W)  
Ph: [REDACTED]

Peter Borrows has rung me in the last couple of minutes and discussed this. I recommend that whoever is engaged keep well clear of the flood operations centre as they could interfere with their urgent and highly complex work. If necessary, I will be available to fully brief whoever is engaged on the details of what is contained in the Manual, how it is operated etc.

**Peter Allen**

Director Dam Safety (Water Supply)  
Office of the Water Supply Regulator

**Telephone** [REDACTED] 999

**Email** [REDACTED]

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3rd Floor 41 George Street, Brisbane Q 4000  
GPO Box 2454, Brisbane Q 4001

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**From:** Dan Spiller [REDACTED]  
**Sent:** Friday, 7 January 2011 8:27 AM  
**To:** step hen.robertson [REDACTED] lance.mccallum [REDACTED]  
 Tim.Watts [REDACTED] Geoff.Stead [REDACTED]  
 Lauren.Sims [REDACTED] Best Debbie; 'Martin.Peter [REDACTED]  
 'Dunn.KerryC [REDACTED]  
**Cc:** Rob Drury; Mike Foster; Media @ SEQWGM; Reilly Bob  
**Subject:** Update on dam gate releases

**Follow Up Flag:** Follow up

**Flag Status:** Completed

**Attachments:** Technical Situation Report W29.docx

All,

Attached is the updated technical situation report.

There has been widespread rainfall in most of the dam catchments. These inflows have triggering the need for gate releases, with forecasts of between 100 and 200 mm of further rainfall over the next five days.

For Wivenhoe and Somerset dams, key points are:

- There has been general falls of around 30 to 50 mm since Wednesday, with isolated peaks of up to 75mm. About 230,000 ML will need to be released, based on estimated flows into the dam.
- There has been heavier rainfall in the Lockyer Creek catchment, which flows into the Brisbane River below the dam wall. Without dam releases, these flows are likely to result in Burtons Bridge being inundated by mid afternoon today – again isolating up to 50 households.
- Dam releases are expected to commence late tonight or early tomorrow, once existing Lockyer Valley flows have peaked – minimising downstream impacts and deferring the inundation of Burtons Bridge.
- At this stage, releases are expected to be at a similar rate to the recent events (up to about 105,000 ML/day) and continue until Monday or Tuesday next week (depending on further rainfall).

North Pine and Leslie Harrison dams are also making gate releases. Youngs Crossing has been inundated.

Councils have been advised. Somerset is contacting key affected residents.

We will provide an update once the timing of releases has been fixed.

Please contact me if you require any further information.

Regards,  
 Dan

**Daniel Spiller**

Director, Operations

[SEQ Water Grid Manager](#)

Phone: [REDACTED]

Email: [REDACTED]

Visit: Level 15, 53 Albert Street Brisbane

Post: PO Box 16205, City East QLD 4002

ABN: 14783 317 630

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14/02/2012

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**From:** Dan Spiller [REDACTED]  
**Sent:** Friday, 7 January 2011 4:24 PM  
**To:** step hen.robertson [REDACTED] lance.mccallum [REDACTED]  
 Tim.Watts [REDACTED] Geoff.Stead [REDACTED]  
 Lauren.Sims [REDACTED] Best Debbie; 'Martin.Peter [REDACTED]  
 'Dunn.KerryC [REDACTED]  
**Cc:** Rob Drury; Mike Foster; Media @ SEQWGM; Reilly Bob  
**Subject:** Update on Wivenhoe Dam releases  
**Follow Up Flag:** Follow up  
**Flag Status:** Completed  
**Attachments:** Technical Situation Report W30.docx

All,

Attached is the updated technical situation report.

For Wivenhoe Dam, key points are:

- The first of the gates has opened. The release rate is planned to be increased to about 1,200 m3/s by 1400 Saturday. This is a similar release rate to last week.
- Burtons Bridge is again inundated, isolating some residents.
- Councils have been advised of this strategy and are contacting residents as necessary.
- The releases will have a minimal impact on the level of the Brisbane River in the City Reach. Seqwater and BoM concur that a total flow of a 1,500m3/s adds about 50mm to the expected water levels at that location.
- Due to atmospheric conditions, current recorded high tide levels are 0.4 to 0.5 metres higher than predicted tides.

North Pine and Leslie Harrison dams are also making gate releases. Releases from Hinze Dam are likely to be required over the weekend.

Please contact me if you require any further information.

Regards,  
 Dan

**Daniel Spiller**

Director, Operations

**SEQ Water Grid Manager**

Phone: [REDACTED]

Email: [REDACTED]

Visit: Level 15, 53 Albert Street Brisbane

Post: PO Box 16205, City East QLD 4002

ABN: 14783 317 630

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**From:** Dan Spiller [REDACTED]  
**Sent:** Tuesday, 11 January 2011 10:19 PM  
**To:** step hen.robertson [REDACTED]; Lance McCallum [REDACTED]; Tim Watts ([REDACTED]); Geoff Stead [REDACTED]; Lauren.Sims [REDACTED]; Bradley John; Best Debbie; Martin.Peter [REDACTED]; Dunn.KerryG [REDACTED]; Ken Smith [REDACTED]  
**Cc:** Rob Drury ([REDACTED]); Dennien Barry @ SEQWGM; Peter Borrows; Media @ SEQWGM; SEQWGM Emergency; Madgwick.Darren [REDACTED]  
**Subject:** Wivenhoe Dam update  
**Follow Up Flag:** Follow up  
**Flag Status:** Completed  
**Attachments:** Technical Situation Report W44.docx

All,

Attached is the most recent technical situation report.

Note that Wivenhoe Dam levels have stabilised and are now falling slowly. Without further rainfall, release rates will be reduced progressively. The first reduction will be to 7,100 cubic metres per second.

Regards,  
Daniel Spiller

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**From:** Dan Spiller [REDACTED]  
**Sent:** Saturday, 8 January 2011 9:00 AM  
**To:** steph [REDACTED]; en.robertson [REDACTED]; Lance McCallum ([REDACTED]); Tim Watts [REDACTED]; Geoff Stead [REDACTED]; Lauren Sims [REDACTED]; Best Debbie; Martin.Peter [REDACTED]; Dunn.KerryG [REDACTED]  
**Cc:** Rob Drury [REDACTED]; mfoster [REDACTED]; Media @ SEQWGM; Brown Damien; Reilly Bob; Madgwick.Darren [REDACTED]; Denner Scott @ SEQWGM  
**Subject:** Water Grid operations update: 8/1/11

**Follow Up Flag:** Follow up

**Flag Status:** Completed

**Attachments:** Technical Situation Report W31.docx

All,

## Dam releases

Attached is the current technical situation report.

Releases are being made from Somerset, Wivenhoe, North Pine and Leslie Harrison dams, with forecasts of high rainfall totals over the next four days.

For Wivenhoe Dam:

- All five gates are now open with the release rate planned to increase to 1200 cubic metres per second by midday today. This release rate is less than peak release from October 2010.
- The release strategy will continue to be reviewed based on actual rainfall. With significant inflows, it may need to be increased.
- As advised yesterday, a number of local bridges have been inundated by releases and local flows. The Fernvale and Mt Crosby Weir Bridges could potentially also be affected if predicted rainfall totals eventuate.
- The BoM and Seqwater concur that current releases will increase the level of the lower Brisbane River by about 50 to 100mm. There is currently a 40 to 50mm atmospheric anomaly.

Releases from North Pine and Leslie Harrison dams are continuing. Releases from Hinze Dam are expected to be required over the weekend.

## Water treatment

In terms of operations, Lockyer Valley flows have again caused a turbidity spike in the Brisbane River. Impacts are expected to peak today at Mt Crosby today, before being diluted by dam releases. There are similar issues at some other locations.

Despite the spike, all key plants are currently operating within critical limits with any impacts being monitored. Seqwater and Linkwater have prepared for potential issues by increasing treated water storage and staffing at some treatment plants. Desalination is at one-third capacity and ready to increase production within two hours of an instruction (but is unlikely to be required in this event).

With forecast rainfall, these type of issues are likely to recur over the remainder of the wet season.

Please call me on [REDACTED] if you require any further information.

Regards,  
 Dan

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**From:** Dan Spiller [REDACTED]  
**Sent:** Sunday, 9 January 2011 11:23 PM  
**To:** 'ce [REDACTED]  
**Cc:** Dennien Barry @ SEQWGM; Best Debbie  
**Subject:** Wivenhoe Dam operations update

Colin,

Further to our conversation, our latest advice is as follows.

There has been 100 to 300mm of rainfall in the Wivenhoe and Somerset dam catchments over the past 24 hours. Rainfall of similar magnitudes is expected over the next 12 to 24 hours. Total inflows will exceed 1,000,000 ML, based on rainfall to date.

To date, the primary objective for this event has been managing to prevent inundation of the Mt Crosby Weir and Fernvale Bridges.

With the forecast volumes, this primary objective is being changed to minimizing the risk of urban inundation. This involves larger releases now, minimizing the risk of even larger releases later (were the flood compartment to reach high levels).

Urban inundation in the City reaches generally commences at total river flows of about 3,500 cubic metres per second (dam releases plus Lockyer and Bremer). At this time, and depending upon overnight rainfall, the Flood Control Centre is proposing to increase releases from around 1,200 to 2,500 cubic metres per second from midday tomorrow. This provides an allowance for other flows.

The Mt Crosby Weir and Fernvale bridges will certainly be inundated - isolating or inconveniencing many Brisbane Valley residents. The timing will depend largely on local flows, with the river having recently increased to be about one foot below the deck. Seqwater is preparing the bridge to be inundated, and may need to close it tonight. However, other flows permitting, we will delay inundating the bridge until tomorrow night - providing notice for impacted residents.

We propose to issue a media advice about the increases and potential impact on bridges early tomorrow morning (about 7am). A draft is below. I would appreciate any comments, but understand time is limited. We will finalize it before issue, based on the status of the Weir Bridge at that time. Obviously, it is irrelevant if other flows result in closure before releases are increased.

The advice does not address urban impacts at this time. We would prefer to review the situation in the morning and consult with Councils before finalising the strategy. This includes reviewing where the rainfall occurs.

As you know, the dams are managing impacts by delaying and reducing releases. For comparison, peak flows into the dam are forecast to reach up to 7,500 cubic metres per second - excluding any downstream flows.

I will speak to you tomorrow. In the meantime, please call me on [REDACTED] if you require any further information.

Regards,  
Daniel Spiller

## Media update – 10 January 2011

### Wivenhoe Dam releases

Significant rainfall received across the catchment has pushed Wivenhoe Dam's capacity to approximately   %. In order to relieve the dam's flood storage compartment, controlled releases will be increased today, utilising a strategy designed to minimise impacts downstream.

Increased releases, combined with other flows, are expected to result in the closure of the Fernvale Bridge and Mt Crosby Weir Bridge. This could occur this morning, but will be delayed until tonight if possible.

A number of other bridges have already been impacted, including Twin Bridges, Savages Crossing, Burtons Bridge, Kholo Bridge and Colleges Crossing.

Residents are urged to contact local councils for detailed information on road crossing closures and other impacts.

**Telephone - 1800 613 122** has been established for members of the public seeking information on which dams are spilling in South East Queensland.

**ENDS**

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[REDACTED]

---

**From:** Dan Spiller [REDACTED]  
**Sent:** Tuesday, 11 January 2011 1:18 PM  
**To:** Madgwick.DarrenT [REDACTED]; stephen.robertson [REDACTED] Ken  
Smith [REDACTED] Lance McCallum  
( [REDACTED] ); Tim Watts [REDACTED]  
lauren [REDACTED] Martin.PeterJ [REDACTED]  
Dunn.KerryC [REDACTED] Best Debbie; Wall Terry; Geoff Stead  
[REDACTED]  
**Cc:** Dennien Barry @ SEQWGM; Peter Borrows; Rob Drury [REDACTED] Stan  
Stevenson; Madgwick.DarrenT [REDACTED]  
**Subject:** Wivenhoe Dam release update  
**Follow Up Flag:** Follow up  
**Flag Status:** Completed  
**Attachments:** image001.png; Technical Situation Report W39 (2).docx



image001.png



Technical Situation  
Report W39...

All,

Attached is the updated Technical Situation Report.

Releases from Wivenhoe Dam have needed to be increased to 3,970 cubic metres per second. BoM is modelling based on this strategy.

Based on these releases, Wivenhoe Dam will peak at between 74.5 and 74.8m with no further inflows.

Further inflows will require further releases. Seqwater is considering worst case scenarios to provide to BoM and BCC to model impacts.

Regards,  
Daniel Spiller

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□ □ □ □ □

Hi Debbie

Copy of email on the fuse plugs referred to in my previous email.

Regards

Bob

-----Original Mes

From: peter\_allen [mailto:peter.allen@bt.com]  
Sent: 2010-04-22 11:02  
To: [redacted]  
Cc: [redacted]  
Subject: [redacted]

Subject: Re: Fw: inclusion of detail on consequence of fuse plug activation in the reports prepared under the Wivenhoe/Somerset protocol

Rob,

As Bob Reilly has indicated below, there seems to be some confusion over the fuse plug spillway and the role it plays in ensuring the safety of the dam. We would recommend that something along the following lines be included in the next Technical Report to inform this discussion. Perhaps the Duty Engineers might check to see if they are happy with the wording ...

".. A safety feature of Wivenhoe Dam is its 3 bay fuse plug auxilliary spillway which is designed to progressively fail as the storage level in the dam rises above EL75.5 metres. Once the trigger level for each bay is reached, the bay is designed to fail over a relatively short period of time and this significantly increases the discharge capacity of the dam. While this feature helps ensure the dam does not collapse in a rare extreme flood event, its activation has a number of flooding consequences:

\* when a bay fails, the downstream flood levels may see relatively rapid rises. For instance, the rapidly increased total spillway flow is likely to cause a sudden rise of about 0.5 metres at Ipswich. The flood level rise would be slightly higher upstream and lower downstream. This would be on top of the already high flood levels prior to the fuse plug triggering.

\* until the fuse plug is reinstated, and this might not be able to be done for some months, the ability to closely manage the types of flood events seen before Christmas 2010 would be significantly reduced, as the floodwater would basically discharge in an uncontrolled manner through the gap created by the fuse plug activation.

The current flood release strategy will probably see the dam reaching EL ?? metres, so there is not a significant capacity to reduce flood releases...."

of A4 paper = 1 litre of water

> +-----+-----+



**From:** Zubrinich Robert

**Sent:** Monday, 10 January 2011 7:03 PM

**To:** DERM EMG; Birchley Michael; Boyle Michael; Cook Clive; DLO NRMET; Goulding Gabrielle; Nicola.Haze [REDACTED] Lenz Anne; lance.mccallum [REDACTED] Moody Annie; OER; Pearce Martin; Karen Robinson; Servodio Yvonne; Shirreffs Leslie; Short Michael; geoff.stead [REDACTED] im.watts [REDACTED]

**Cc:** Tucker Col; Allen Peter; Chadburn Lindie; Harycki Kim; Himstedt Dale; Michaels Paul; Milligan Graeme; Pearce Martin

**Subject:** Flood SITREP No4 - 10/01/2011

**Attachments:** 1-KEEPER-879683-SIT\_REP\_No4\_-\_10\_01\_2011\_-\_Queensland\_Floods.doc

Folks

FYI - the Flood Situation Report as at 10/1/11.

To ensure the content of the reports is as up to date as possible, it would be appreciated if you could use the 10/1/11 report as your starting point when preparing tomorrow's report (and that each subsequent report draw upon the previous day's report).

I would reiterate also, that this document is intended to provide up to date and accurate information. It is not intended as a historical document. Consequently, in preparing future reports, you should take ensure that:

- any information provided previously is updated or deleted. Outdated information from the previous day is not to remain in the report
- the information is aimed at a high level and hits the key points
- the information is succinct but contextual
- the language is to be easily understood and factual (opinions are not to be included)
- ensure the information provided can be read as stand-alone points. Do not assume the reader knows the background of the situation that is being reported
- only provide factual information. Avoid open-ended comments that may elicit further questions
- do not use acronyms
- any new information is **bolded**.

Thanks again to all for their contributions.

Yours  
 Rob Zubrinich  
 A/Director, Executive and Administration Services  
 Tel: [REDACTED]  
 Facsimile: [REDACTED]  
 e.mail: [REDACTED]  
[www.derm.qld.gov.au](http://www.derm.qld.gov.au)  
 Department of Environment and Resource Management  
 400 George Street, Brisbane Q 4001  
 GPO Box 2454, Brisbane Q 4001  
*Nominations for the 2011 Premier's ClimateSmart Sustainability Awards, which recognise Queenslanders who are ClimateSmart champions achieving excellence in sustainability, are open until **Friday 4 March 2011**. For more information on how to enter visit [www.derm.qld.gov.au/premiersawards](http://www.derm.qld.gov.au/premiersawards)*

**From:** Milligan Graeme  
**Sent:** Monday, 10 January 2011 1:16 PM  
**To:** Best Debbie  
**Cc:** Zubrinich Robert  
**Subject:** FW: Disaster Manager Situation Report 10012011.doc

**Attachments:** Disaster Manager Situation Report 10012011.doc

[Debbie for your consideration and approval – then forward to Rob Zub](#)

Situation report for 1pm 10/1/2011.



Disaster Manager  
Situation Rep...

Graeme M

**From:** Zubrinich Robert

**Sent:** Tuesday, 11 January 2011 5:02 PM

**To:** Birchley Michael; Boyle Michael; Cook Clive; DERM EMG; DLO NRMET; Goulding Gabrielle; Hazell Nicola; Lenz Anne; McCallum Lance; Moody Annie; OER; Pearce Martin; Robinson Karen; Servodio Yvonne; Shirreffs Leslie; Short Michael; Stead Geoff; Watts Tim

**Cc:** Allen Peter; Brier Andrew; Chadburn Lindie; Gonzo Gus; Harycki Kim; Himstedt Dale; Michaels Paul; Milligan Graeme; Smith\_Roberts Megan; Tucker Col

**Subject:** Flood SITREP No5 - 11/01/2011

**Importance:** High

Folks

FYI - the Flood Situation Report as at 11/1/11.

To ensure the content of the reports is as up to date as possible, it would be appreciated if you could use the 11/1/11 report as your starting point when preparing tomorrow's report (and that each subsequent report draw upon the previous day's report).

I would reiterate also, that this document is intended to provide up to date and accurate information. It is not intended as a historical document. Consequently, in preparing future reports, you should take ensure that:

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- the information is aimed at a high level and hits the key points
- the information is succinct but contextual
- the language is to be easily understood and factual (opinions are not to be included)
- ensure the information provided can be read as stand-alone points. Do not assume the reader knows the background of the situation that is being reported
- only provide factual information. Avoid open-ended comments that may elicit further questions
- do not use acronyms
- any new information is **bolded**.

Thanks again to all for their contributions.

Yours

Rob Zubrinich

A/Director, Executive and Administration Services

Tel: [REDACTED]

Facsimile: [REDACTED]

e.mail: [REDACTED]

[www.derm.qld.gov.au](http://www.derm.qld.gov.au)

Department of Environment and Resource Management

400 George Street, Brisbane Q 4001

GPO Box 2454, Brisbane Q 4001

*Nominations for the 2011 Premier's ClimateSmart Sustainability Awards, which recognise Queenslanders who are ClimateSmart champions achieving excellence in sustainability, are open until **Friday 4 March 2011**. For more information on how to enter visit [www.derm.qld.gov.au/premiersawards](http://www.derm.qld.gov.au/premiersawards)*

[REDACTED]

---

**From:** Barry Dennien [REDACTED]  
**Sent:** Monday, 10 January 2011 4:37 PM  
**To:** stephen.robertson [REDACTED]; ken.smith [REDACTED]; Lance McCallum ([REDACTED]); tim.watts [REDACTED]; geoff.stead [REDACTED]; lauren.sims [REDACTED]; Martin.Peter [REDACTED]; Dunn.KerryG [REDACTED]; Best Debbie  
**Cc:** pbird [REDACTED]; Media @ SEQWGM; Brown Damien; Reilly Bob; Madgwick.Darren [REDACTED]; sstevens [REDACTED]; spiller daniel @ SEQWGM; Denner Scott @ SEQWGM  
**Subject:** FW: FLDWARN for Lower Brisbane and Bremer Rs [SEC=UNCLASSIFIED]

Folks

For information

Barry Dennien  
-----

TO::BOM615

IDQ20805

Australian Government Bureau of Meteorology Queensland

**PRIORITY**

FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE INCLUDING BRISBANE CITY Issued at 4:16 PM on Monday the 10th of January 2011 by the Bureau of Meteorology, Brisbane.

Stream level rises causing moderate to major flooding are being recorded in Lockyer Creek, Warrill Creek and along the Bremer River. Major flood levels are likely at Ipswich during Tuesday.

Wivenhoe dam is providing significant mitigation of upper Brisbane floods. River flows from the Bremer and Lockyer catchments combined with releases from Wivenhoe dam are expected to increase levels in Brisbane overnight and through Tuesday.

At the Brisbane City Gauge, a river levels of about 2.1 metres is expected with the afternoon high tide on Tuesday and about 3 metres is expected with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

**LOCKYER CREEK:**

Further rainfall during Monday has led to renewed rises in the Lockyer Creek catchment. Rainfall is forecast to continue this evening and a return to moderate to major flood levels is expected overnight and during Tuesday. Major flood levels are expected to continue at Lyons Bridge with rises above 15 metres likely during Tuesday.

**BREMER RIVER:**

Rainfall during Monday will lead to renewed rises and a return to moderate flood levels along the Bremer River to Walloon. Levels over 5 metres are expected at Rosewood overnight.

The Bremer River at Ipswich is expected to reach about 12.7 metres on Tuesday afternoon. Higher levels are possible.

**WARRILL CREEK**

Further rainfall during Monday will lead to increasing river levels along Warrill Creek with levels expected to reach above 6 metres at Amberley overnight.

**MIDDLE AND LOWER BRISBANE:**

SEQwater advises releases from Wivenhoe Dam will increase during Monday. Moderate flooding is expected at Savages Crossing and at Mt Crosby Weir overnight tonight and during Tuesday.

The Brisbane River at the City Gauge (lower end of Edward Street and at Thornton Street) is expected to reach about 2.1 metres with the afternoon high tide on Tuesday and reach about 3 metres with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

**Predicted River Heights/Flows:**

Ipswich: Reach about 12.7 metres (major) during Tuesday afternoon. Quicker rises and higher levels are possible depending on further rainfall tonight.

Moggill: Reach about 12 metres (minor) during Tuesday afternoon.

Jindalee: Reach about 7 metres (minor) overnight Tuesday.

Brisbane: Reach about 2.1 metres with the afternoon high tide on Tuesday.  
Reach about 3 metres with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

Further rises are possible at all four locations depending on further rain.

**Next Issue:**

The next warning will be issued at about 9pm Monday.

**Latest River Heights:**

|                                    |                |                       |
|------------------------------------|----------------|-----------------------|
| Lockyer Ck at Gatton #             | 10.36m steady  | 03:04 PM MON 10/01/11 |
| Laidley Ck at Laidley              | 6m rising      | 02:45 PM MON 10/01/11 |
| Laidley Ck at Showground Weir #    | 6.98m rising   | 03:07 PM MON 10/01/11 |
| Laidley Ck at Warrego Hwy *        | 5.43m falling  | 01:00 PM MON 10/01/11 |
| Lockyer Ck at Glenore Grove #      | 11.36m falling | 03:05 PM MON 10/01/11 |
| Lockyer Ck at Lyons Br #           | 14.79m rising  | 03:02 PM MON 10/01/11 |
| Lockyer Ck at Rifle Range Rd *     | 13.4m rising   | 08:20 AM MON 10/01/11 |
| Brisbane R at Lowood Pump Stn #    | 14.13m falling | 03:07 PM MON 10/01/11 |
| Brisbane R at Savages Crossing #   | 14.15m rising  | 03:09 PM MON 10/01/11 |
| Brisbane R at Burtons Br #         | 10.88m rising  | 03:05 PM MON 10/01/11 |
| Brisbane R at Kholo Br #           | 6.23m rising   | 03:06 PM MON 10/01/11 |
| Brisbane R at Mt Crosby #          | 14.26m rising  | 03:07 PM MON 10/01/11 |
| Brisbane R at Colleges Crossing #  | 11.96m rising  | 03:09 PM MON 10/01/11 |
| Bremer R at Spicers Br #           | 5.07m rising   | 03:09 PM MON 10/01/11 |
| Bremer R at Rosewood #             | 4.94m rising   | 03:02 PM MON 10/01/11 |
| Bremer R at Five Mile Br Walloon # | 5.12m falling  | 03:09 PM MON 10/01/11 |
| Warrill Ck at Harrisville #        | 3.82m rising   | 03:05 PM MON 10/01/11 |
| Warrill Ck at Amberley DNR *       | 5.34m rising   | 08:10 AM MON 10/01/11 |
| Bremer R at Ipswich #              | 6.6m rising    | 02:40 PM MON 10/01/11 |
| Brisbane R at Moggill #            | 5.52m rising   | 02:59 PM MON 10/01/11 |
| Brisbane R at Jindalee Br #        | 3.7m rising    | 02:50 PM MON 10/01/11 |
| Brisbane R at City Gauge #         | 1.36m falling  | 03:09 PM MON 10/01/11 |

\*automatic station

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/>. Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

-----Safe Stamp-----

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**From:** Lieken s Ann  
**Sent:** Monday, 10 January 2011 10:08 AM  
**To:** WD ExecManagementTeam  
**Cc:** WD Office of DDG  
**Subject:** F W: Situation Report  
**Attachments:** 1-KEEPER-875975-SITREP\_No3\_-\_07\_01\_2011\_-\_Queensland\_Floods.doc; SDCC Sitrep 1700 060111.pdf  
 ETM – FYI. This will be discussed tomorrow at the ETM. Regards Ann

---

**From:** Williams Lynette  
**Sent:** Monday, 10 January 2011 9:50 AM  
**To:** Liekens Ann  
**Subject:** FW: Situation Report

---

**From:** Zubrinich Robert  
**Sent:** Friday, 7 January 2011 6:52 PM  
**To:** 'Joshua.Cooney'; 'Nicola.Hazel'; DLO NRMET;  
 lance.mccallum; tim.watts;  
 geoff.stead; DERM EMG; Boyle Michael; Cook Clive; Pearce Martin; Short Michael;  
 Goulding Gabrielle; Shirreffs Leslie; Lenz Anne; Moody Annie; Birchley Michael  
**Cc:** Allen Peter; Himstedt Dale; Tucker Col; Chadburn Lindie; Milligan Graeme; Michaels Paul; Pearce  
 Martin; Harycki Kim  
**Subject:** Situation Report

Dear all

FYI - the DERM Situation Report for 7/1/11 and the State Disaster Coordination Centre Report are attached.

Yours

Rob Zubrinich  
 A/Director, Executive and Administration Services  
 Tel: [REDACTED] Mobile: [REDACTED]  
 Facsimile: [REDACTED]  
 e.mail: [REDACTED]  
[www.derm.qld.gov.au](http://www.derm.qld.gov.au)  
 Department of Environment and Resource Management  
 400 George Street, Brisbane Q 4001  
 GPO Box 2454, Brisbane Q 4001

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[REDACTED]

---

**From:** Lenz Anne  
**Sent:** Monday, 10 January 2011 10:04 AM  
**To:** Best Debbie; Brown Damien; Birchley Michael; Wall Terry  
**Cc:** Zubrinich Robert  
**Subject:** FW: Flood Mitigation Manuals for Wivenhoe, Somerset and North Pine Dams

**Attachments:** WD-SD-Rev 7 -Final.doc

Hi all

I found this useful as an overview of the role of DERM in respect of Wivenhoe/Somerset. Also important to note that DG DERM approves departures from the flood manual (on advice from OWSR).

Also – just a quick update - BCC have raised some issues about flood releases from Wivenhoe. SEQwater and OWSR are reviewing the issues they have raised at the moment. Further update when I know more.

Anne

**Anne Lenz**  
A/Assistant Director General  
Environment and Natural Resource Regulation  
**Department of Environment and Resource Management**  
Level 7, 400 George Street BRISBANE Q 4000  
GPO Box 2454 BRISBANE Q 4000

**Telephone:** [REDACTED] **Facsimile:** [REDACTED]  
**E-mail:** [REDACTED]  
Visit us on the web at [www.derm.qld.gov.au](http://www.derm.qld.gov.au)

---

**From:** Reilly Bob  
**Sent:** Monday, 10 January 2011 9:29 AM  
**To:** Lenz Anne  
**Subject:** FW: Flood Mitigation Manuals for Wivenhoe, Somerset and North Pine Dams

Hi Anne

Copy of manual as discussed.

It is important to note we will deviate from the Manual if there is a good reason to do so, and this situation is covered off in the manual.

One other point that I did not mention this morning is that operation of the Somerset dam in its flood operations' mode, over the next two days, will adversely affect access to Kilcoy. The Grid Manager should cover off on this aspect in their communications strategy.

Regards

Bob

Regards

Bob



---

**From:** Allen Peter  
**Sent:** Wednesday, 5 January 2011 4:19 PM  
**To:** Shirreffs Leslie  
**Cc:** Ruffini John; Reilly Bob  
**Subject:** Flood Mitigation Manuals for Wivenhoe, Somerset and North Pine Dams

Leslie,

I understand that you have been talking to John Ruffini about the flood mitigation manuals for Wivenhoe, Somerset and North Pine Dams. John is one of the current senior flood operations engineers and one of the team (like me) who helped put the current system together. If you need more information about them, I am quite happy to contribute.

As John probably indicated, the manuals were first introduced to ensure that only people who knew what they were doing were responsible for flood operations at the dams. This came about because of inappropriate influence on the operation of Somerset Dam during the January 1974 flood event.

To assist you in this regard, I have attached a copy of the current manual for Wivenhoe and Somerset dams for your information. It is important to note that this manual has been developed over a long period of time through the experience with historical floods and knowledge of the potential floods that might occur. It also draws on a great deal of knowledge about the design of the dams and their capability to manage major floods.



WD-SD-Rev 7  
-Final.doc

In essence, it covers the following issues:

- The procedures to be adopted (including loss of communications procedures) when determining the discharges from Wivenhoe and Somerset dams. They are operated in tandem with discharges from Somerset feeding directly into Wivenhoe.
- Flood mitigation objectives are prioritised in Section 3.1. They range from the safety of the dam which has the highest priority down to minimise impacts to riparian flora and fauna during the drain down phase of the Flood Event. At times these priorities can conflict and expert judgement is often required to determine the most appropriate approach.
- Flood operations engineers are responsible for determining and directing the appropriate discharges from the dams in accordance with the general strategy determined by the Senior Flood operations Engineer. The manual details the qualifications and experience of flood operations engineers to ensure that they know what they are doing and are capable of making the correct operational decisions. These requirements are not trivial and there aren't that many people available with this level of capability. The responsible flood engineers work on a 24/7 roster during flood events which ensure that someone is always at always on duty at the flood centre.
- The manual details requirements for Seqwater to report on training and flood preparedness each year. It also details Seqwater's reporting requirements to a range of stakeholders e.g. BoM for gate releases, the local councils for bridge inundations etc. although some of this has been complemented with the recently negotiated communications protocol.
- It is important to note that the Grid Manager has NO role in the operation of the dams and it is important that they don't because they don't have the necessary qualifications and experience. They are simply responsible for coordinating the associated communications.
- It provides some discretion to the flood operations engineers to vary the manual when circumstances warrant it.

I am happy to talk you through elements of the manual if you would like me to. Rob Drury (from Seqwater) and I have plans to talk to the Grid Manager as soon as a mutually acceptable time can be arranged so that the Grid Manager is aware of what is contained in the manual and how flood operations at the dams work.

The other important issue is that Bob Reilly and myself have the delegations ([Water Supply \(Chief Executive\) Delegation \(No. 1\) 2010](#)) for approving the Flood Mitigation Manuals and the Flood Operations Engineers. We are also responsible for approving any discretionary variation to the operating procedures (Section 2.8). Such variations are most likely in the drainage phase or in the initial Strategy 1 phase before there is significant flood storage in the dam. Whether to permit such variations relies on a very high level of understanding of how the dam is operated and what the consequences of those discharges are. Fortunately, as one of the initial Senior Flood Operations engineers, I have that knowledge and experience.

**Peter Allen**

Director Dam Safety (Water Supply)  
Office of the Water Supply Regulator

Telephone [REDACTED], Mobile [REDACTED] Facsimile [REDACTED]

Email [REDACTED]

[www.derm.qld.gov.au](http://www.derm.qld.gov.au)

Department of Environment and Resource Management  
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**From:** Best Debbie  
**Sent:** Tuesday, 11 January 2011 6:35 AM  
**To:** Wall Terry  
**Subject:** Fw: Fwd: Impact of Lockyer flows

**Attachments:** Seqwater\_No-Lifeguards-Here\_email\_strap.png; ATT00001.htm; cidimage001.png@01CA24E1.BDB90020; ATT00002.htm



Seqwater\_No-Lifeguards-Here\_em...



ATT00001.htm



cidimage001.png@01CA24E1.BDB90...



ATT00002.htm

Latest info. Basically they are holding back water in somerset to let the lockyer peaks through.

----- Original Mes

From: Dan Spiller <[REDACTED]>  
To: Best Debbie  
Cc: Martin.P [REDACTED];  
Dunn.Kerry [REDACTED] n Barry @ SEQWGM;  
Tim Watts [REDACTED]  
Sent: Tue [REDACTED]  
Subject: Fwd: Impact of Lockyer flows

Debbie,

Preliminary advice below. Report being prepared and BoM remodeling.

Dan

Begin forwarded message:

From: Rob Drury <[REDACTED]>  
Date: 11 January  
To: Dan Spiller <[REDACTED]>

[REDACTED] orrows  
Michael Lyons

[REDACTED] Lockyer flows

Dan,

I will send a report shortly but below are words I was going to send. I have also attached the BoM warning for the Lockyer that they sent this morning.

They are reissuing their warning this morning based on new information.

Basically the FOC was going to try to slow our releases last night to give a small window for the Lockyer flood to go through however we again received and are still receiving heavy rain in the catchments.

Currently the FOC has shut some sluices at Somerset to store more water to keep

Wivenhoe below RL74 at which we need to start increasing releases. The first fuse plug goes at about RL 75.7m

The strategy is now to keep releases as is to not worsen the situation downstream as the Lockyer recorded levels higher than any on record. However we may still need to increase releases depending on what happens through the day.

The FOC have given our release strategy (not really different in releases at this stage) to the BoM and they will reissue their flood warnings based on that and other flows in the Lockyer and Bremer.

The FOC have spoken to BCC and ICC and we will send them an update. BCC are having a LDMG meeting this morning. Dan, not sure if anyone from the WGM is going but Chris Lavin is the contact.

Rob

-----

From: Aifs Operational Manager [REDACTED]

Sent: Tuesday, January 11, 2011 4:06:54 AM

To: weather

Subject: BOM: FLDWARN for Lower Brisbane and Bremer Rs [SEC=UNCLASSIFIED] Auto forwarded by a Rule

TO::BOM615

IDQ20805

Australian Government Bureau of Meteorology Queensland

PRIORITY

FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE INCLUDING BRISBANE CITY Issued at 4:06 AM on Tuesday the 11th of January 2011 by the Bureau of Meteorology, Brisbane.

The main flood waters in the Lockyer Creek are now arriving at Lyons Bridge, with strong stream rises expected during Tuesday.

Wivenhoe dam is providing significant mitigation of upper Brisbane floods. River

flows from the Bremer and Lockyer catchments combined with releases from Wivenhoe dam are expected to increase levels in Brisbane during Tuesday.

At the Brisbane City Gauge, minor flood levels of about 2.1 metres are expected with the afternoon high tide on Tuesday and levels of about 3 metres are expected with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

#### LOCKYER CREEK:

Extremely heavy rainfall during Monday led to extreme rises in the Lockyer Creek catchment and Laidley Creek at Mulgowie. Record flood levels of 18.92 metres were recorded at Gatton Monday evening before the station failed. This level was well above the previous record peak of 16.33 metres from the February 1893 flood.

The main flood waters are currently arriving at Lyons Bridge, with strong stream rises expected in the next few hours. The Lockyer Creek at Glenore Grove peaked at 14.60 metres at 11:30pm, which is 0.3 metres below the 1974 flood.

Renewed stream rises have commenced in Lockyer Creek at Lyons Bridge with a peak between 16 and 16.5 metres expected Tuesday morning. This is likely to be similar in level to the 1996 flood.

#### BREMER RIVER:

The Bremer River at Walloon has exceeded the moderate flood level. The Bremer River at Rosewood peaked at 5.8 metres around midnight Monday.

The Bremer River at Ipswich is expected to reach about 12.7 metres on Tuesday afternoon. Higher levels are possible.

#### WARRILL CREEK

Warrill Creek at Amberley peaked at 5.98 metres around 9pm Monday.

#### MIDDLE AND LOWER BRISBANE:

Moderate flooding is developing at Savages Crossing and at Mt Crosby Weir.

At the Brisbane City Gauge (lower end of Edward Street and at Thornton Street), minor flood levels of about 2.1 metres are expected with the afternoon high tide on Tuesday and levels of about 3 metres are expected with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

Predicted River Heights/Flows:

Ipswich: Reach about 12.7 metres (major) during Tuesday afternoon.

Moggill: Reach about 12 metres (minor) during Tuesday afternoon.

Jindalee: Reach about 7 metres (minor) overnight Tuesday.

Brisbane: Reach about 2.1 metres (minor) with the afternoon high tide on Tuesday. Reach about 3 metres (moderate) with the high tides on Wednesday.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

Further rises are possible at all four locations depending on further rain.

Next Issue:

The next warning will be issued at about 8am Tuesday.

Latest River Heights:

|                                    |                     |                       |
|------------------------------------|---------------------|-----------------------|
| Lockyer Ck at Helidon #            | 12.68m steady       | 03:02 PM MON 10/01/11 |
| Flagstone Ck at Brown-Zirbels Rd * | 3.49m falling       | 02:10 AM TUE 11/01/11 |
| Sandy Creek at Sandy Creek Road #  | 2.15m falling       | 03:19 AM TUE 11/01/11 |
| Ma Ma Ck at Harm's *               | 3.26m rising        | 02:30 AM TUE 11/01/11 |
| Tenthill Ck at Tenthill *          | 5.57m rising        | 02:40 AM TUE 11/01/11 |
| Lockyer Ck at Gatton #             | 18.92m rising       | 06:30 PM MON 10/01/11 |
| Laidley Ck at Mulgowie *           | 6.39m rising        | 02:20 AM TUE 11/01/11 |
| Laidley Ck at Laidley              | 8.7m falling slowly | 10:00 PM MON 10/01/11 |
| Laidley Ck at Showground Weir #    | 7.84m rising        | 03:25 AM TUE 11/01/11 |
| Laidley Ck at Warrego Hwy *        | 6.41m rising        | 02:00 AM TUE 11/01/11 |
| Lockyer Ck at Glenore Grove #      | 13.8m falling       | 03:24 AM TUE 11/01/11 |
| Lockyer Ck at Lyons Br #           | 15.55m rising       | 03:23 AM TUE 11/01/11 |
| Lockyer Ck at Rifle Range Rd *     | 15.39m rising       | 02:40 AM TUE 11/01/11 |
| Lockyer Ck at O'Reilly's Weir #    | 18m falling         | 03:28 AM TUE 11/01/11 |
| Brisbane R at Lowood Pump Stn #    | 15.93m falling      | 03:31 AM TUE 11/01/11 |

|                                    |                |                       |
|------------------------------------|----------------|-----------------------|
| Brisbane R at Savages Crossing #   | 15.89m rising  | 03:29 AM TUE 11/01/11 |
| Brisbane R at Burtons Br #         | 12.22m rising  | 03:29 AM TUE 11/01/11 |
| Brisbane R at Kholo Br #           | 7.99m rising   | 03:29 AM TUE 11/01/11 |
| Brisbane R at Mt Crosby #          | 15.82m steady  | 03:30 AM TUE 11/01/11 |
| Brisbane R at Mt Crosby #          | 14.08m falling | 04:39 PM MON 10/01/11 |
| Brisbane R at Colleges Crossing #  | 13.91m rising  | 03:32 AM TUE 11/01/11 |
| Bremer R at Rosewood#              | 5.56m falling  | 03:11 AM TUE 11/01/11 |
| Bremer R at Five Mile Br Walloon # | 6.4m rising    | 03:15 AM TUE 11/01/11 |
| Warrill Ck at Greens Rd Amberley # | 5.84m falling  | 03:29 AM TUE 11/01/11 |
| Bremer R at One Mile Br #          | 13.75m rising  | 03:31 AM TUE 11/01/11 |
| Bremer R at Hancocks Br Brassall # | 11.33m rising  | 03:22 AM TUE 11/01/11 |
| Bremer R at Ipswich #              | 8.55m rising   | 03:31 AM TUE 11/01/11 |
| Brisbane R at Moggill #            | 7.07m rising   | 03:29 AM TUE 11/01/11 |
| Brisbane R at Jindalee Br #        | 4.5m rising    | 03:29 AM TUE 11/01/11 |
| Brisbane R at City Gauge #         | 1.4m falling   | 03:15 AM TUE 11/01/11 |

\*automatic station

Warnings and River Height Bulletins are available at  
<http://www.bom.gov.au/qld/flood/> <http://www.bom.gov.au/qld/flood/> . Flood Warnings  
 are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more  
 from mobile, public and satellite phones.

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 provider.

Robert Drury

Dam Operations Manager

Water Delivery

Queensland Bulk Water Supply Authority trading as Seqwater

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---

**From:** Best Debbie  
**Sent:** Tuesday, 11 January 2011 7:21 AM  
**To:** spiller daniel @ SEQWGM  
**Subject:** Fw: Getting technical report

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

From: Wall Terry  
To: Best Debbie  
Sent: Tue Jan 11 06:57:08 2011  
Subject: RE: Getting technical report

Thanks

Does that equate to the 170,000ml per day in the media> Any advice on when they will go to 4000 mentioned in brief yesterday?

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

From: Best Debbie  
Sent: Tuesday, 11 January 2011 6:55 AM  
To: Wall Terry  
Subject: Getting technical report

Dan is sending more info. It was as I said at 74 those valves start going and they lose control of the releases. They r currently releasing 2,750 cm/sec

**From:** Best Debbie  
**Sent:** Wednesday, 12 January 2011 9:32 AM  
**To:** Reilly Bob  
**Subject:** FW: Just been advised min house

Bob  
I agree with your comments in the third paragraph. Please let me know how this progresses. I am also in regular contact with Dan and Barry.  
Debbie

-----Original Message-----  
From: Lenz Anne  
Sent: Wednesday, 12 January 2011 9:04 AM  
To: Birchley Michael; Brown Damien; Best Debbie  
Subject: Fw: Just been advised min house

Just fyi

----- Original Message -----  
From: Reilly Bob  
To: Lenz Anne  
Sent: Wed Jan 12 09:00:43 2011  
Subject: RE: Just been advised min house

Hi Anne

We will work remotely.

Heather/Toni will look after the drinking water issues through the 1300 number as we would normally do on weekends any way.

Peter Artemieff will arrange for the water/sewerage update to be prepared daily as he has been doing (He will arrange for several of his staff to work with him on this).

Peter Allen will manage the dam safety issues. Now that Wivenhoe has 'peaked' the immediate issue is past. (We are comfortable with Seqwater's approach on the release strategies, but they could be communicating it better. We have given them several suggestions for actual wording which the last couple of updates reflect. Peter is talking to the external consultant that the Grid Manager has engaged, and supplying him with what he needs)).

I am going to talk to the Grid Manager to make sure all the loose ends have been tied up, and will then go home. (I am also having problems with my Blackberry which we are endeavouring to rectify).

Regards

Bob

-----Original Message-----  
From: Lenz Anne  
Sent: Wednesday, 12 January 2011 8:43 AM  
To: Reilly Bob  
Subject: Just been advised min house

Has been closed, but if you have security access you can get in.

Do you want to relocate key staff to landcentre?

I am in emg now - will call you aftet



[REDACTED]

---

**From:** Zubrinich Robert  
**Sent:** Monday, 10 January 2011 8:25 AM  
**To:** joshua.Cooney [REDACTED] Nicola.Hazel [REDACTED] DLO  
NRMET; lance.mccallum [REDACTED] tim.watts [REDACTED]  
geoff.stead [REDACTED] DERM EMG; Boyle Michael; Cook Clive; Pearce  
Martin; Short Michael; Goulding Gabrielle; Shirreffs Leslie; Lenz Anne; Moody Annie;  
Birchley Michael; Allen Peter; Himstedt Dale; Tucker Col; Chadburn Lindie; Milligan  
Graeme; Michaels Paul; Pearce Martin; Harycki Kim; OER  
**Subject:** FW: Sit Rep Flood Situation 10 January AM

Thanks Paul. Grateful if you could forward to me each morning, and I will distribute.  
Folks, FYI - the flood situation at 5.00am today.

Yours  
Rob Zubrinich  
A/Dir [REDACTED] ve and Adm [REDACTED] Services  
Tel: [REDACTED] bile: [REDACTED]  
Facsi [REDACTED]  
e.mail: rob [REDACTED] u www.derm.qld.gov.au Department of Environment  
and Resource Management [REDACTED] et, Brisbane Q 4001 GPO Box 2454, Brisbane Q  
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recognise Queenslanders who are ClimateSmart champions achieving excellence in  
sustainability, are open until Friday 4 March 2011. For more information on how to  
enter visit [www.derm.qld.gov.au/premiersawards](http://www.derm.qld.gov.au/premiersawards)

-----Original Message-----  
From: Michaels Paul  
Sent: Monday, 10 January 2011 8:17 AM  
To: Zubrinich Robert  
Subject: Fw: Sit Rep Flood Situation 10 January AM

Rob, not sure if you get this. Good for distribution.

Paul Michaels  
Director, Media Services  
[REDACTED] Environment and Resource Management  
[REDACTED]

----- Original Mess  
From: Hugh O'Brien [REDACTED]  
[REDACTED] au>;  
'simone.cas [REDACTED]  
'greg.gough [REDACTED]  
'Louise.mor [REDACTED]  
'Carolyn.varley [REDACTED] Kerry;  
Michaels Pau [REDACTED]  
<bob\_hammil [REDACTED] au>;  
Jane.Willis [REDACTED]  
'Elspeth.co [REDACTED]  
, [REDACTED]  
[REDACTED] olmes  
[REDACTED]  
'Cameron.Bur [REDACTED]  
>; Kathy Pa [REDACTED];  
[REDACTED] ohngardiner [REDACTED]  
[REDACTED] Rona Hayes [REDACTED]; Jennifer

G [REDACTED] >; Ch  
 [REDACTED] child [REDACTED]  
 [REDACTED] 'Ian [REDACTED] au'  
 [REDACTED] Swann [REDACTED]  
 [REDACTED]; 'Robert.z.  
 [REDACTED] rsty.n.balmer [REDACTED]  
 [REDACTED] ew Morriss  
 [REDACTED] 'margaret.smith [REDACTED]  
 [REDACTED] 'simon.broadf [REDACTED]  
 <simon.broad [REDACTED] 'maja.cerjak [REDACTED]  
 <maja.cerjak [REDACTED] 'campaigns [REDACTED]  
 <campaigns@s [REDACTED] >;  
 'orla\_thomps [REDACTED]  
 'dmalliance@ [REDACTED]  
 <craig\_johns [REDACTED]  
 <Michael.ches [REDACTED] >; 'bruce.picard [REDACTED]  
 <bruce.picard [REDACTED] ahammetc [REDACTED]  
 <grahametc [REDACTED] >; 'ronw [REDACTED]  
 'John.St [REDACTED] hn.Stock [REDACTED]  
 <mpalmer [REDACTED] 'nmagui [REDACTED] <nmag [REDACTED] om.au>;  
 'CQ\_RED [REDACTED]  
 'Roulston.Chand [REDACTED] aN [REDACTED] >;  
 'kerri.anders [REDACTED] erson [REDACTED]  
 'SusanE\_Sc [REDACTED] <SusanE\_S [REDACTED] >;  
 'maccmedia [REDACTED] <maccmedia [REDACTED] >; Deedi Webmaster;  
 'brian.bol [REDACTED] rian.bolton [REDACTED]  
 Sent: Mon Jan [REDACTED] 1  
 Subject: Sit Rep Flood Situation 10 January AM

DEPARTMENT OF COMMUNITY SAFETY

#### Daily Queensland Emergency Management Report

as at 5:00am Monday 10 January 2011

#### SIGNIFICANT INFORMATION

- An Emergency Alert message was sent to residents at Dalby at 10.35pm last night after flooding of the Myall Creek. The Evacuation Centre at the Agricultural College was prepared to receive evacuees.
- 15 houses at Toogoolawah were evacuated overnight and 40 people relocated to the RSL hall. Water continued to rise in the town overnight.
- 6 houses have evacuated at Jondaryan; 5 or 6 people self-evacuated to community hall while others have self-evacuated to family or friends.
- TMR advised that the Warrego Highway is closed north and west at Jondaryan.
- Lockyer Valley SES evacuated one person for medical reasons in Grantham, 100kms west of Brisbane.
- Both 132500 calls and the 1800 (Channel 9) flood appeal hot line were routed through SSQ overnight. During the broadcast of the appeal, higher than normal volume of calls were received and this impacted on the calls for assistance getting through to 132500.
- BOM reported major flood levels in the Mary River catchment, between the Bellbird Creek junction and Moy Pocket and in Yabba Creek at Imbil and of the lower Mary River between Miva and Tiaro.
- At 10pm Sunday, BOM reported that the Mary River at Gympie was 14.5 metres and is expected to reach 19 metres by Monday afternoon.
- Mary River peaked at Maryborough midday Sunday at 8.2 metres. Rainfall in

the catchment area is not expected to impact for some days.

- Major flood peak for lower Burnett River at Walla, predicted to be 12.5 metres overnight.
- Bruce Highway at King John Creek (north and southbound, north of the Caboolture/Bribie turn off) shut (as at 2000hrs 9-1-11) – detours are arranged.
- The Moreton Regional Council has established an operations centre at the Caboolture Council Depot.
- The Balonne River at St George remained steady at 13.2 metres yesterday.
- Dirranbandi, Thallon and Hebel continue to prepare for inundation.
- Burnett River at Bundaberg anticipated to peak at 4 metres with noon high tide on Monday.
- There were 3,887 registered evacuees (total number of persons registered with Red Cross) as at 02:00 hours, Monday 10 January 2011.
- Evacuation Centres are being managed in Moura (for evacuated Theodore residents), Emerald, Dalby (including for Condamine residents), St George and Rockhampton.
- A total of 6 disaster situations have been declared.

#### Major Highway Closures (as at 0300hrs on 10-1-11)

- Warrego Highway closed north and west at Jondaryan, between Toowoomba and Dalby.
- Cunningham Highway is open.
- Bruce Highway north of Caboolture (with detours)
- Barwon Highway - west of Goondiwindi
- Bruce Highway - north of Gladstone
- Bruce Highway - south of Gympie
- Carnarvon Highway - north of Injune
- Dawson Highway - Calliope to Springsure
- Fitzroy Development Rd - north of Taroom
- Leichardt Highway - north of Wandoan
- Moonee Highway - west of Moonee

#### WEATHER OBSERVATIONS

##### Warnings

§ A Severe Weather Warning remains current for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation, for people in the Southeast Coast and southern parts of the Wide Bay and Burnett, and eastern Darling Downs and Granite Belt District.

§ Flood Warnings are current for the following rivers:

- Mary River: Fast rises and major flooding are rising between the Bellbird Creek junction and Moy Pocket and in Yabba Creek at Imbil. Renewed rises are

being recorded at Gympie with major flood levels expected during Monday. In the lower Mary River, major flooding continues between Miva and the Barrage with moderate flood levels easing in the Mary River at Maryborough.

- Brisbane River above Wivenhoe: Major flooding has developed in Cooyar and Cressbrook Creeks and in the Upper Brisbane River from Linville downstream to Gregor Creek. Further rises and high level major flooding are possible into Monday. Major flood levels are continuing to rise in the Stanley River at Peachester and Woodford. Further rises and high level major flooding are possible during Sunday and into Monday. Further rises and flooding are also possible in Kilcoy Creek during the next 24 hours.

- Burnett River: Moderate to major flooding continues along Barker and Barambah Creeks. A major flood peak was forecast for the lower Burnett River at Walla overnight Sunday. Minor flooding around 4 metres is possible at Bundaberg coinciding with the noon high tide on Monday.

- Condamine and Balonne Rivers: Major flooding has peaked at Clydesdale and levels have remained below minor at Moffatt. Rises continue at Dalby but flood levels are now expected to peak up to the moderate flood level of 3 metres by 8am Monday. Moderate to major flooding extends along the Condamine and Balonne River system with major flooding extending from Warra-Kogan Road Bridge to Dirranbandi. Major flooding continues to fall slowly around Surat and Weribone. River levels in the area between Weribone and Barrackdale will be very slow to recede over the next few days. The river level at Warroo above Beardmore Dam is also falling very slowly. At 9pm Sunday, the Balonne River at St George was 13.2 metres and holding at its peak which was reached during Saturday. Major flood levels will remain high (above 13 metres) during the next few days. High level major flooding is expected to continue in the Balonne River system downstream from St George to the NSW border throughout January. This includes the Bokhara, Culgoa, Balonne Minor and Narran Rivers and Ballandool Creek. The peak flow will be in the Dirranbandi area by mid-week and in the Hebel area later this week. Further heavy rain is forecast for the south east Darling Downs including the catchments of the Upper Condamine and Oakey Creek during Monday into Tuesday.

- Fitzroy River Basin: Major flooding continues along the lower Dawson and Fitzroy Rivers. The Fitzroy River at Rockhampton fell very slowly during Sunday and at noon was about 9.1 metres. Levels will fall very slowly this week and are expected to remain above 8.5 metres (major) until later this week. On the Dawson River, minor flooding continues between Taroom and Moura. A small minor flood peak is moving down the Dawson River and is currently approaching Theodore. Major flood levels between Baralaba to Knebworth are expected to drop quickly over the next 48 hours.

- Lockyer and Warrill Creeks: Stream level rises causing moderate to major flooding are being recorded in Lockyer Creek upstream of Gatton and in the Bremer River in the Rosewood area. Further heavy rainfall is forecast for the catchments of the Bremer River and Warrill and Lockyer Creeks during Monday.

- Thomson and Barcoo Rivers, and Cooper Creek: Major flooding is easing along the Cooper Creek at Windorah. Minor flooding continues to ease in the Thomson River between Camoola Park and Jundah. Minor to moderate flooding will continue to fall along the Barcoo River between Glenlock and Retreat.

- Moonie River: Minor to major flooding is occurring in the Moonie River between Southwood and Fenton. The flood peak is now downstream of Thallon. Renewed rises are expected between Southwood and Flinton today and Monday with minor flood levels continuing.

- Weir and McIntyre Rivers: Minor to moderate flooding continues in the lower Weir River between Surrey and Jericho, with the flood peak currently approaching Jericho.

- Coastal Streams Maryborough – NSW Border: Minor flood levels are easing in the Caboolture River at Caboolture. Renewed rises are still possible in the Caboolture and Pine River catchments during Monday. Minor flooding is easing in Woogaroo Creek at Opossum. Heavy rainfall and flash flooding are possible in the Brisbane and Ipswich metropolitan creeks during Monday. Flood warnings are current for the Mary River, Sunshine Coast streams and the Upper Brisbane and Lower Brisbane rivers. A severe weather warning is also current for this region.

• Sunshine Coast Rivers - Major flood levels are slowly falling in the North Maroochy River at Eumundi. Major flood levels are steady in the Mooloolah River at Jordon Street.

#### Rainfall

§ In the period since 09.00am Sunday significant rainfall was recorded at several places, especially across the Brisbane and the North Coast Region. These included:

|   |               |       |
|---|---------------|-------|
| • | Maleny        | 281mm |
| • | Bald Knob     | 250mm |
| • | Landsborough  | 243mm |
| • | Boat Mountain | 204mm |
| • | Mt Mee        | 194mm |
| • | Eumundi       | 184mm |
| • | Noosa Heads   | 173mm |
| • | Toogoolawah   | 166mm |
| • | Mt Glorious   | 160mm |
| • | Caboolture    | 131mm |

#### Weather Outlook

§ The monsoon trough extends over the northern tropics and is expected to shift south today. An upper level low lies over the southern Capricornia district and is expected to drift slowly west southwest today. A surface trough lies near the southern Queensland coast and is expected to move inland today.

§ Rain areas and thunderstorms over southeastern districts and the Maranoa, with heavy falls about the Southeast Coast, far southern Wide Bay and Burnett, eastern Darling Downs and Granite Belt districts [a Severe Weather Warning is current]. Showers and isolated thunderstorms elsewhere, more widespread with rain areas over the northern tropics. Moderate SE to NE winds in the south, tending fresh and gusty in the southeast. Moderate to fresh W to NW winds in the far north. Light winds elsewhere.

#### SES 132 500 CALLS

§ 3922 calls were made to SES 132 500 in the period since 05.00am Sunday. These included:

|   |            |     |
|---|------------|-----|
| • | Maroochy   | 628 |
| • | Toowoomba  | 523 |
| • | Caboolture | 238 |
| • | Cooloola   | 234 |
| • | Brisbane   | 190 |

#### MEDIA



Courier Mail Reports: The support was so massive that more than 12,000 calls within the first minute forced the phone system to crash, initially delaying calls to the two designated Flood Relief Appeal call centres at Zillmere and Mount Gravatt. A Channel 9 spokesman said 182 phone lines were available at the two centres, with a queue of 800 initially figured in. <http://www.couriermail.com.au/news/deluge-of-donations-as-8m-in-pledges-pours-in-at-telethon-event-for-flood-victims/story-e6freon6-1225984674268> <BLOCKED::http://www.couriermail.com.au/news/deluge-of-donations-as-8m-in-pledges-pours-in-at-telethon-event-for-flood-victims/story-e6freon6-1225984674268>

ABC News Online reports: South-east Queensland is bearing the brunt of torrential rains as the state's flood crisis continues. The region, including Brisbane, is now on high alert for flooding with more heavy rain expected Monday. Emergency services say people should be prepared for wild weather. Maryborough, the Sunshine Coast and surrounding areas are already flooding, while south of Bundaberg the town of Pine Creek is cut off. Gympie is also isolated by floodwaters. Power is being cut in Gympie's CBD as a safety precaution - with the Mary River expected to reach around 17 metres this morning. <http://www.abc.net.au/news/stories/2011/01/09/3109251.htm?site=sunshine> <BLOCKED::http://www.abc.net.au/news/stories/2011/01/09/3109251.htm?site=sunshine>

The Gympie Times reports: ACTING Gympie Regional Mayor Tony Perrett and chairperson of the Local Disaster Management Group urged Mary Street business people to be vigilant as the flood threat increased in Gympie today. He warned business people the current flood height prediction of 17.4 metres was calculated on rain that had fallen in Mary catchment as of 1.55pm Sunday. "Any extra rain that falls over night will add to the flood threat," Cr Perrett said. "We could have another 18 hours of rain," he said. He asked people to keep and eye on the Bureau of Meteorology website and make their own decision about evacuating their shops. <http://www.gympietimes.com.au/story/2011/01/09/extra-rain-will-increase-threat/> <BLOCKED::http://www.gympietimes.com.au/story/2011/01/09/extra-rain-will-increase-threat/>

Rockhampton Bulletin reports: ROCKHAMPTON Regional Mayor Brad Carter says the full extent of damage to the region's economy and infrastructure won't be known until the flooding recedes. At 3pm yesterday the Fitzroy River's height was 9.10m at Rockhampton and holding steady according to the Bureau of Meteorology. Cr Carter told a press conference yesterday morning that the grazing and cotton industries had taken a "significant hit" and the council had no idea of the cost to infrastructure "at this stage". <http://www.themorningbulletin.com.au/story/2011/01/10/damage-cannot-yet-be-gauged/> <BLOCKED::http://www.themorningbulletin.com.au/story/2011/01/10/damage-cannot-yet-be-gauged/>

Rockhampton Bulletin reports: EMERALD residents are returning to their homes and counting the cost of the devastating floodwaters that ripped through the town. Central Highlands region Mayor Peter Maguire said tens of millions of dollars worth of damage had been done to the town. Cr Maguire said the town was in the recovery phase and his focus was on trying to help people get their lives back to normal. <http://www.themorningbulletin.com.au/story/2011/01/10/emerald-is-in-recovery-phase-but-cost-is-high/> <BLOCKED::http://www.themorningbulletin.com.au/story/2011/01/10/emerald-is-in-recovery-phase-but-cost-is-high/>

Pauline Evans  
Watch Desk Officer  
State Disaster Coordination Centre  
Emergency [REDACTED] ensland  
Tele [REDACTED] (24 hours)

email - [REDACTED]

Hugh O'Brien  
Manager - Publications and AV  
Communication Services  
Depart [REDACTED] he Premier and Cabinet  
Phone [REDACTED]

Mobi [REDACTED]  
Fax [REDACTED]  
Level [REDACTED] George St, Brisbane

Check out Sectorwide Online <<http://www.premiers.qld.gov.au/>>  
[www.premiers.qld.gov.au/sectorwide](http://www.premiers.qld.gov.au/sectorwide) <<http://www.premiers.qld.gov.au/sectorwide>>

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Hi Debbie

Bob

14/02/2012

10am.

Regards,  
Daniel Spiller

Australian Government Bureau of Meteorology Queensland

#### PRIORITY

FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE INCLUDING BRISBANE CITY Issued at 4:06 AM on Tuesday the 11th of January 2011 by the Bureau of Meteorology, Brisbane.

The main flood waters in the Lockyer Creek are now arriving at Lyons Bridge, with strong stream rises expected during Tuesday.

Wivenhoe dam is providing significant mitigation of upper Brisbane floods. River flows from the Bremer and Lockyer catchments combined with releases from Wivenhoe dam are expected to increase levels in Brisbane during Tuesday.

At the Brisbane City Gauge, minor flood levels of about 2.1 metres are expected with the afternoon high tide on Tuesday and levels of about 3 metres are expected with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

#### LOCKYER CREEK:

Extremely heavy rainfall during Monday led to extreme rises in the Lockyer Creek catchment and Laidley Creek at Mulgowie. Record flood levels of 18.92 metres were recorded at Gatton Monday evening before the station failed. This level was well above the previous record peak of 16.33 metres from the February 1893 flood.

The main flood waters are currently arriving at Lyons Bridge, with strong stream rises expected in the next few hours. The Lockyer Creek at Glenore Grove peaked at 14.60 metres at 11:30pm, which is 0.3 metres below the 1974 flood.

Renewed stream rises have commenced in Lockyer Creek at Lyons Bridge with a peak between 16 and 16.5 metres expected Tuesday morning. This is likely to be similar in level to the 1996 flood.

#### BREMER RIVER:

The Bremer River at Walloon has exceeded the moderate flood level. The Bremer River at Rosewood peaked at 5.8 metres around midnight Monday.

The Bremer River at Ipswich is expected to reach about 12.7 metres on Tuesday afternoon. Higher levels are possible.

#### WARRILL CREEK

Warrill Creek at Amberley peaked at 5.98 metres around 9pm Monday.

#### MIDDLE AND LOWER BRISBANE:

Moderate flooding is developing at Savages Crossing and at Mt Crosby Weir.

At the Brisbane City Gauge (lower end of Edward Street and at Thornton Street), minor flood levels of about 2.1 metres are expected with the afternoon high tide on Tuesday and levels of about 3 metres are expected with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

#### Predicted River Heights/Flows:

Ipswich: Reach about 12.7 metres (major) during Tuesday afternoon.

14/02/2012

Moggill: Reach about 12 metres (minor) during Tuesday afternoon.

Jindalee: Reach about 7 metres (minor) overnight Tuesday.

Brisbane: Reach about 2.1 metres (minor) with the afternoon high tide on Tuesday. Reach about 3 metres (moderate) with the high tides on Wednesday.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

Further rises are possible at all four locations depending on further rain.

#### Next Issue:

The next warning will be issued at about 8am Tuesday.

#### Latest River Heights:

|                                    |                     |                       |
|------------------------------------|---------------------|-----------------------|
| Lockyer Ck at Helidon #            | 12.68m steady       | 03:02 PM MON 10/01/11 |
| Flagstone Ck at Brown-Zirbels Rd * | 3.49m falling       | 02:10 AM TUE 11/01/11 |
| Sandy Creek at Sandy Creek Road #  | 2.15m falling       | 03:19 AM TUE 11/01/11 |
| Ma Ma Ck at Harm's *               | 3.26m rising        | 02:30 AM TUE 11/01/11 |
| Tenthill Ck at Tenthill *          | 5.57m rising        | 02:40 AM TUE 11/01/11 |
| Lockyer Ck at Gatton #             | 18.92m rising       | 06:30 PM MON 10/01/11 |
| Laidley Ck at Mulgowie *           | 6.39m rising        | 02:20 AM TUE 11/01/11 |
| Laidley Ck at Laidley              | 8.7m falling slowly | 10:00 PM MON 10/01/11 |
| Laidley Ck at Showground Weir #    | 7.84m rising        | 03:25 AM TUE 11/01/11 |
| Laidley Ck at Warrego Hwy *        | 6.41m rising        | 02:00 AM TUE 11/01/11 |
| Lockyer Ck at Glenore Grove #      | 13.8m falling       | 03:24 AM TUE 11/01/11 |
| Lockyer Ck at Lyons Br #           | 15.55m rising       | 03:23 AM TUE 11/01/11 |
| Lockyer Ck at Rifle Range Rd *     | 15.39m rising       | 02:40 AM TUE 11/01/11 |
| Lockyer Ck at O'Reilly's Weir #    | 18m falling         | 03:28 AM TUE 11/01/11 |
| Brisbane R at Lowood Pump Stn #    | 15.93m falling      | 03:31 AM TUE 11/01/11 |
| Brisbane R at Savages Crossing #   | 15.89m rising       | 03:29 AM TUE 11/01/11 |
| Brisbane R at Burtons Br #         | 12.22m rising       | 03:29 AM TUE 11/01/11 |
| Brisbane R at Kholo Br #           | 7.99m rising        | 03:29 AM TUE 11/01/11 |
| Brisbane R at Mt Crosby #          | 15.82m steady       | 03:30 AM TUE 11/01/11 |
| Brisbane R at Mt Crosby #          | 14.08m falling      | 04:39 PM MON 10/01/11 |
| Brisbane R at Colleges Crossing #  | 13.91m rising       | 03:32 AM TUE 11/01/11 |
| Bremer R at Rosewood#              | 5.56m falling       | 03:11 AM TUE 11/01/11 |
| Bremer R at Five Mile Br Walloon # | 6.4m rising         | 03:15 AM TUE 11/01/11 |
| Warrill Ck at Greens Rd Amberley # | 5.84m falling       | 03:29 AM TUE 11/01/11 |
| Bremer R at One Mile Br #          | 13.75m rising       | 03:31 AM TUE 11/01/11 |
| Bremer R at Hancocks Br Brassall # | 11.33m rising       | 03:22 AM TUE 11/01/11 |
| Bremer R at Ipswich #              | 8.55m rising        | 03:31 AM TUE 11/01/11 |
| Brisbane R at Moggill #            | 7.07m rising        | 03:29 AM TUE 11/01/11 |
| Brisbane R at Jindalee Br #        | 4.5m rising         | 03:29 AM TUE 11/01/11 |
| Brisbane R at City Gauge #         | 1.4m falling        | 03:15 AM TUE 11/01/11 |

\*automatic station

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

-----Safe Stamp-----

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**Robert Drury**


Dam Operations Manager

Water Delivery

Queensland Bulk Water Supply Authority *trading as Seqwater*

14/02/2012

 Seqwater\_No-Lifeguards-Here\_email\_strap cid:image001.png@01CA24E1.BD

Ph   
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)

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**From:** Be st Debbie  
**Sent:** Sunday, 9 January 2011 9:59 AM  
**To:** Wa ll Terry  
**Subject:** FW: Water Grid operations update: 9/1  
**Attachments:** Technical Situation Report W32.docx

Terry  
 One of the many issues we are dealing with. I will start forwarding emails to bring you up to speed.  
 Debbie

---

**From:** Dan Spiller [REDACTED]  
**Sent:** Sunday, 9 January 2011 8:14 AM  
**To:** stephen.robertson [REDACTED]; Lance McCallum [REDACTED];  
 Tim Watts [REDACTED]; Geoff Stead ([REDACTED]);  
 lauren.sims [REDACTED] Best Debbie; Martin.Peter [REDACTED]  
 Dunn.KerryG [REDACTED]  
**Cc:** Rob Drury [REDACTED]); pbird [REDACTED] Media @ SEQWGM; Brown Damien;  
 Reilly Bob; Madgwick.Darren [REDACTED]  
**Subject:** Water Grid operations update: 9/1

All,

Current technical situation report.

Key points are:

- Wivenhoe Dam is continuing releases at about 116,000 ML/day. Releases are expected to continue until at least Wednesday.
- A severe weather warning remains current for dam catchments. There has been heavy rainfall in the Somerset Dam catchment over the past two hours.
- The release strategy will continue to be reviewed based on actual rainfall.
- Releases are being made so as to avoid inundating the Fernvale and Mt Crosby Weir Bridges. Other flows may impact on the bridges, should the forecast rainfall eventuate.
- North Pine Dam may cease releases today or tomorrow morning, depending upon actual rainfall.
- Many dams and recreation areas are closed.

Please call me on [REDACTED] if you require any further information.

Regards,  
 Daniel Spiller

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**From:** Williams Christine

**Sent:** Monday, 10 January 2011 12:05 PM

**To:** Brown Damien; Wall Terry; Birchley Michael; Best Debbie; Short Michael

**Subject:** FW: South East Queensland Flood Operations - John Ruffini Director WPS

I raised the issue of BOM staff assisting to manage fatigue and below is the response I have received. As I feared, there may be little that can be done over and above the SEQWater process already in place. I have spoken with SEQWater about the option (before I received this email) and they said they would look into options. I will let you know further whether there is anything to gain from involving BOM staff in managing Wivenhoe.

Thanks  
Christine

Dr Christine Williams  
Assistant Director General,  
Environment and Resource Sciences  
**Telephone:** [REDACTED] **Facsimile:** [REDACTED]  
[www.derm.qld.gov.au](http://www.derm.qld.gov.au)

Department of Environment and Resource Management 400 George Street, Brisbane Q 4000  
PO Box 15155 CITY EAST Q 4000

---

**From:** Johansen Craig

**Sent:** Monday, 10 January 2011 12:00 PM

**To:** Williams Christine

**Subject:** South East Queensland Flood Operations - John Ruffini Director WPS

Hi Christine,

I have just had a conversation with John Ruffini with regard to your option of Bureau providing assistance in managing the current flow event in the South East Queensland.

John said the skills set required to carry out this role are quite specific and not held by the Bureau currently. The stringent sign off process in place ensures that the appropriate experience and skills are available to manage the South East Storages during floods.

Peter Allen who is the Director of Dam Safety can provide further insight into this role through his current sign for flood engineers and his previous experience in the role. His contact is [REDACTED] or [REDACTED]

Seqwater has a Fatigue Management strategy in place with four people qualified to run the flood room. This provides a balance between providing appropriate amount of rest and short enough periods that the officers are aware of the climatic conditions, storage operations and forecasts to be able to make informed timely decisions. Having been in a role managing storages during floods there is a fine balance between resting and staying in touch with the context of the environment you are operating in.

There are strategies in place within Water Planning Sciences to disperse the load on John as Director of the Water Planning Sciences between Senior Officers in Water Planning Ecology (Satish Choy), Queensland Hydrology (Alma Mahmutovic, Alex Loy and myself) and Hydrographic Services (Ray Alford). The aim is to ensure John does not have any undue stress and commitments and reporting to clients and DERM are not impacted or delayed due to John's absence.

I hope that this assists with your query.

Craig Johansen  
Principal Hydrologist, ERS

**Telephone:** [REDACTED]  
**Email:** [REDACTED]  
[www.derm.qld.gov.au](http://www.derm.qld.gov.au)

Department of Environment and Resource Management  
Block A  
41 Boggo Road, Dutton Park Q 4012

14/02/2012



[REDACTED]

---

**From:** Best Debbie  
**Sent:** Monday, 10 January 2011 7:25 AM  
**To:** Brown Damien; Birchley Michael; Hart Randall  
**Subject:** Fw: Technical Report W34

**Attachments:** image001.jpg; image002.png

----- Original Message  
From: Rob Drury [REDACTED]  
To: spiller daniel [REDACTED]; ry @ SEQWGM; Lydia [REDACTED] media @  
SEQWGM; Be [REDACTED] EQWGM; Paul Bird <[REDACTED]> an  
Stevenson [REDACTED]; Peter Borrows <[REDACTED]>  
Allen Pete [REDACTED]  
Sent: Mon Jan 10 01:27:32 2011  
Subject: Re: Technical Report W34

Since earlier discussions, further rain and local flooding have closed Mt Crosby and Fernvale bridges. Releases will now be ramped up overnight rather than tomorrow since these bridges are now closed and due to increasing inflows. Councils have been notified and are on site. Media messages in morning need to be adjusted accordingly.  
Rob

---

From: Dan Spiller [REDACTED]  
T [REDACTED] Michael Lyons  
<[REDACTED]> m.au>; Debbie Best  
[REDACTED] Scott Denner  
[REDACTED]  
1  
Subject: FW: Technical Report W34

Technical report below.

Teleconference at 9.30.

Details are:

Phone: [REDACTED]  
PIN: [REDACTED]

Regards,

Dan

From: Rob Drury [REDACTED]  
Sent: Sunday, Jan 9, 2011  
To: Rob Drury; Dan Spiller

Cc: Peter Borrows; Stan Stevenson; Mike Foster; Paul Bird; David Roberts; Arminda Roberts  
Subject: RE: Technical Report W34

See attached report W34.

Rob

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



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) <<http://www.seqwater.com.au/>>

From: Rob Drury  
Sent: Sunday, 9 January 2011 7:26 AM  
To: Rob Drury; 'Dan Spiller'  
Cc: Peter Borrows; Stan Stevenson; Mike Foster; Paul Bird; David Roberts; Arminda Roberts  
Subject: RE: Technical Report W31

Please find attached Report W31.

Basically continuing releases to maintain 1600 cumecs total flow in the mid Brisbane but watching predicted rainfall as the strategy may change. Fernvale and Mt Crosby bridges still should be unaffected but does depend on what rain we get today or tomorrow.

Rob

Robert Drury

Dam Operations Manager

Water Delivery

Queensland Bulk Water Supply Authority trading as Seqwater

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) <<http://www.seqwater.com.au/>>

From: Rob Drury

Sent: Saturday, 8 January 2011 7:46 AM

To: Rob Drury; 'Dan Spiller'

Cc: Peter Borrows; Stan Stevenson; Mike Foster; Paul Bird; David Roberts

Subject: RE: Technical Report W31

Attached report number W31.

Rob

Robert Drury

Dam Operations Manager

Water Delivery

Queensland Bulk Water Supply Authority trading as Seqwater

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) <<http://www.seqwater.com.au/>>

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[REDACTED]

---

**From:** Best Debbie  
**Sent:** Monday, 10 January 2011 5:39 AM  
**To:** Wall Terry  
**Subject:** Fw: Updated Wivenhoe Dam release strategy

Fyi. Will brief you on this.

----- Original Mess

From: Dan Spiller <[REDACTED]>  
To: spiller daniel [REDACTED]  
<stephen.r [REDACTED]>  
[REDACTED] llum  
[REDACTED] au>; 'Tim  
[REDACTED] off  
Stead ( [REDACTED]  
'lauren [REDACTED]  
Debbie; 'Mar [REDACTED]  
'Dunn.KerryG [REDACTED]  
Cc: 'R [REDACTED]  
<pbird [REDACTED]>;  
Media [REDACTED] ren [REDACTED]  
<Madgwick.DarrenT [REDACTED] Brown Damien; Reil [REDACTED]  
Sent: Mon Jan 10 [REDACTED]  
Subject: RE: Updated Wivenhoe Dam release strategy

The Mt Crosby Weir and Fernvale Bridges were both inundated by other flows last night. Councils were advised and are on site.

Dam releases began to be increased overnight, brought forward because the bridges were already and with increasing inflows to storages.

We are preparing communications and technical information.

Regards,

Dan

From: Dan Spiller  
Sent: Sunday, January [REDACTED]  
To: stephe [REDACTED]; Ken Smith  
(ken.smith [REDACTED] lum  
(lance.mcc [REDACTED] s [REDACTED];  
Geoff Stead ( [REDACTED] l [REDACTED]  
Debbie Best [REDACTED].Peter [REDACTED]  
Dunn.KerryG [REDACTED]  
Cc: 'Rob Dr [REDACTED] son [REDACTED]'; SEQWGM Media;  
Scott Denner; [REDACTED]  
(damien.brown [REDACTED]) [REDACTED] u  
Subject: Upda [REDACTED] release stra [REDACTED]

All,

Latest advice from the Flood Control Centre attached.

There has been 100 to 300mm of rainfall in the Wivenhoe and Somerset dam catchments over the past 24 hours. Rainfall of similar magnitudes is expected over the next 12 to 24 hours.

At this time, including forecast rainfall, total inflows will exceed 1,000,000 ML and may approach 1,500,000 ML - in the order of the 1974 flood volume.

To date, the primary objective for this event has been managing to prevent inundation of the Mt Crosby Weir and Fernvale Bridges.

With the forecast volumes, this primary objective is being changed to minimizing the risk of urban inundation. This involves larger releases now, minimizing the risk of even larger releases later (were the flood compartment to reach high levels).

Urban inundation in the City reaches generally commences at total river flows of about 3,500 cubic metres per second (dam releases plus Lockyer and Bremer). At this time, and depending upon overnight rainfall, the Flood Control Centre is proposing to increase releases from around 1,200 to 2,500 cubic metres per second from midday tomorrow. This provides an allowance for other flows.

The Mt Crosby Weir and Fernvale bridges will certainly be inundated - isolating or inconveniencing many Brisbane Valley residents. The timing will depend largely on local flows, with the river having recently increased to be about one foot below the deck. Seqwater is preparing the bridge to be inundated, and may need to close it tonight. However, other flows permitting, we will delay inundating the bridge until tomorrow night - providing notice for impacted residents.

Actions to date:

- Notified Councils (up to the CEO level at BCC)
- Notified Police (Assistant Commissioner)
- Increasing treated water storage and preparing treatment plants, should there again be increased turbidity levels or other operational issues.

A media advice is being prepared now, for review and issue by 7am. The advice will address the closure of the bridges, with the intent of providing as much notice as possible to impacted residents (if not already closed). Impacts on the City reaches will be addressed following further consultation with Council (with there being a 20+ hour transit time).

It is important to note that the dams are managing impacts by delaying and reducing releases. For comparison, peak flows into the dam are forecast to reach up to 7,500 cubic metres per second - excluding any downstream flows.

Please call me on [REDACTED] if you require any further information.

Regards,

Daniel Spiller

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**From:** Peter Borrows [mailto:[REDACTED]]  
**Sent:** Tuesday, 11 January 2011 7:28 AM  
**To:** barry.dennier [REDACTED]  
**Cc:** daniel.spiller [REDACTED]; Best Debbie  
**Subject:** Fw: Water Grid dam release strategy

**From:** Dan Spiller <[REDACTED]>  
**To:** 'stephen.roberts@[REDACTED]'; 'Ken Smith  
 [REDACTED]'; 'Lance McCallum  
 [REDACTED]'; 'Tim Watts  
 [REDACTED]'; 'Geoff Stead  
 [REDACTED]  
 'lauren.sims@[REDACTED]';  
 'Martin.Peter@[REDACTED]'; 'Dunn.KerryG@[REDACTED]';  
 [REDACTED]  
**Cc:** Barry Dennien  
 Brown ( [REDACTED] ); Peter Borrowes; Rob Drury; Paul Bird; 'Damien  
 'bob.reilly@[REDACTED]'; <bob.reilly@[REDACTED]>;  
 <terry.walsh@[REDACTED]>; 'terry.walsh@[REDACTED]';  
 <terry.walsh@[REDACTED]>; 'Madgwick.Darren@[REDACTED]';  
 <Madgwick.Darren@[REDACTED]>  
**Sent:** Tue Jan 11 07:16:44 2011  
**Subject:** Water Grid dam release strategy

Attached is the latest report, with the BoM warning on the Lockyer flood below.

- Current releases are 2,750 cubic metres per second (about 240,000 ML/day). Due to heavy rainfall in the catchment, it was not possible to reduce releases to allow the Lockyer Valley flows to pass.
- Further rainfall may result in the need to increase releases.
- Wivenhoe Dam is at 73.51m AHD and rising at about 25mm/hour. Above 74m, the primary objective becomes maintaining the security of the dam. Releases would be increased at this level with less scope for consideration of downstream impacts.

Regards,  
Daniel Spiller



## Australian Government Bureau of Meteorology Queensland

### PRIORITY

FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE INCLUDING BRISBANE CITY Issued at 4:06 AM on Tuesday the 11th of January 2011 by the Bureau of Meteorology, Brisbane.

The main flood waters in the Lockyer Creek are now arriving at Lyons Bridge, with strong stream rises expected during Tuesday.

Wivenhoe dam is providing significant mitigation of upper Brisbane floods. River flows from the Bremer and Lockyer catchments combined with releases from Wivenhoe dam are expected to increase levels in Brisbane during Tuesday.

At the Brisbane City Gauge, minor flood levels of about 2.1 metres are expected with the afternoon high tide on Tuesday and levels of about 3 metres are expected with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

### LOCKYER CREEK:

Extremely heavy rainfall during Monday led to extreme rises in the Lockyer Creek catchment and Laidley Creek at Mulgowie. Record flood levels of 18.92 metres were recorded at Gatton Monday evening before the station failed. This level was well above the previous record peak of 16.33 metres from the February 1893 flood.

The main flood waters are currently arriving at Lyons Bridge, with strong stream rises expected in the next few hours. The Lockyer Creek at Glenore Grove peaked at 14.60 metres at 11:30pm, which is 0.3 metres below the 1974 flood.

Renewed stream rises have commenced in Lockyer Creek at Lyons Bridge with a peak between 16 and 16.5 metres expected Tuesday morning. This is likely to be similar in level to the 1996 flood.

### BREMER RIVER:

The Bremer River at Walloon has exceeded the moderate flood level. The Bremer River at Rosewood peaked at 5.8 metres around midnight Monday.

The Bremer River at Ipswich is expected to reach about 12.7 metres on Tuesday afternoon. Higher levels are possible.

### WARRILL CREEK

Warrill Creek at Amberley peaked at 5.98 metres around 9pm Monday.

### MIDDLE AND LOWER BRISBANE:

Moderate flooding is developing at Savages Crossing and at Mt Crosby Weir.

At the Brisbane City Gauge (lower end of Edward Street and at Thornton Street), minor flood levels of about 2.1 metres are expected with the afternoon high tide on Tuesday and levels of about 3 metres are expected with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

### Predicted River Heights/Flows:

Ipswich: Reach about 12.7 metres (major) during Tuesday afternoon.

Moggill: Reach about 12 metres (minor) during Tuesday afternoon.

Jindalee: Reach about 7 metres (minor) overnight Tuesday.

Brisbane: Reach about 2.1 metres (minor) with the afternoon high tide on Tuesday. Reach about 3 metres (moderate) with the high tides on Wednesday.

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(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

Further rises are possible at all four locations depending on further rain.

**Next Issue:**

The next warning will be issued at about 8am Tuesday.

**Latest River Heights:**

|                                    |                     |                       |
|------------------------------------|---------------------|-----------------------|
| Lockyer Ck at Helidon #            | 12.68m steady       | 03:02 PM MON 10/01/11 |
| Flagstone Ck at Brown-Zirbels Rd * | 3.49m falling       | 02:10 AM TUE 11/01/11 |
| Sandy Creek at Sandy Creek Road #  | 2.15m falling       | 03:19 AM TUE 11/01/11 |
| Ma Ma Ck at Harm's *               | 3.26m rising        | 02:30 AM TUE 11/01/11 |
| Tenthill Ck at Tenthill *          | 5.57m rising        | 02:40 AM TUE 11/01/11 |
| Lockyer Ck at Gatton #             | 18.92m rising       | 06:30 PM MON 10/01/11 |
| Laidley Ck at Mulgowie *           | 6.39m rising        | 02:20 AM TUE 11/01/11 |
| Laidley Ck at Laidley              | 8.7m falling slowly | 10:00 PM MON 10/01/11 |
| Laidley Ck at Showground Weir #    | 7.84m rising        | 03:25 AM TUE 11/01/11 |
| Laidley Ck at Warrego Hwy *        | 6.41m rising        | 02:00 AM TUE 11/01/11 |
| Lockyer Ck at Glenore Grove #      | 13.8m falling       | 03:24 AM TUE 11/01/11 |
| Lockyer Ck at Lyons Br #           | 15.55m rising       | 03:23 AM TUE 11/01/11 |
| Lockyer Ck at Rifle Range Rd *     | 15.39m rising       | 02:40 AM TUE 11/01/11 |
| Lockyer Ck at O'Reilly's Weir #    | 18m falling         | 03:28 AM TUE 11/01/11 |
| Brisbane R at Lowood Pump Stn #    | 15.93m falling      | 03:31 AM TUE 11/01/11 |
| Brisbane R at Savages Crossing #   | 15.89m rising       | 03:29 AM TUE 11/01/11 |
| Brisbane R at Burtons Br #         | 12.22m rising       | 03:29 AM TUE 11/01/11 |
| Brisbane R at Kholo Br #           | 7.99m rising        | 03:29 AM TUE 11/01/11 |
| Brisbane R at Mt Crosby #          | 15.82m steady       | 03:30 AM TUE 11/01/11 |
| Brisbane R at Mt Crosby #          | 14.08m falling      | 04:39 PM MON 10/01/11 |
| Brisbane R at Colleges Crossing #  | 13.91m rising       | 03:32 AM TUE 11/01/11 |
| Bremer R at Rosewood#              | 5.56m falling       | 03:11 AM TUE 11/01/11 |
| Bremer R at Five Mile Br Walloon # | 6.4m rising         | 03:15 AM TUE 11/01/11 |
| Warrill Ck at Greens Rd Amberley # | 5.84m falling       | 03:29 AM TUE 11/01/11 |
| Bremer R at One Mile Br #          | 13.75m rising       | 03:31 AM TUE 11/01/11 |
| Bremer R at Hancocks Br Brassall # | 11.33m rising       | 03:22 AM TUE 11/01/11 |
| Bremer R at Ipswich #              | 8.55m rising        | 03:31 AM TUE 11/01/11 |
| Brisbane R at Moggill #            | 7.07m rising        | 03:29 AM TUE 11/01/11 |
| Brisbane R at Jindalee Br #        | 4.5m rising         | 03:29 AM TUE 11/01/11 |
| Brisbane R at City Gauge #         | 1.4m falling        | 03:15 AM TUE 11/01/11 |

\*automatic station

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

-----Safe Stamp-----

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**Robert Drury**

Dam Operations Manager

Water Delivery

Queensland Bulk Water Supply Authority *trading as Seqwater*

 Seqwater\_No-Lifeguards-Here\_email\_strap

 cid:image001.png@01CA24E1.BD

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)

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**From:** Pauline Evans [REDACTED] on behalf of SDCC [REDACTED]

**Sent:** Tuesday, 11 January 2011 5:19 AM

**To:** ccc [REDACTED] DisasterManagement [REDACTED] Aaron Minos; Adam Short [REDACTED] andrew.Somerville; bette.kill; Reilly Bob; Brett Harrison; pointing.brettn [REDACTED] Bruce Grady; Chris Broomfield; CIS Health; Colonel Luke Foster; corinne.mulholland [REDACTED] David Smith; DCS Media; Best Debbie; Desley Boyle; EMQ Regional Directors; floodrecoverytaskforce [REDACTED] Gavin Trembath; Gerard Rabelink; GIS Operations; Glenn Walker; Grant Cassar (ADF); Greg Eustace Health; Harry.VENMANS [REDACTED] Hugh O'Brien; Iain Macculloch (EMQ Kedron); Iain MacKenzie; Ian Fletcher; Ian Mitchell; Ian Stewart (QPS); Ian Jennings; Jade.Thompson; Janet Born; Jayne Barnes (QAS); Jeff Cheadie; Jim McGowan; John Gaskin.com.au; Ryan John; Joshua O'Keefe; Kate van Poelgeest; Kathy Brown; Ken Smith; Kimberley gardiner; Kirsten Roos; Lance McCallum; Lee Johnson; Leo McNamara; Liam Ferney; Lucas McKennarney (ADF); Mark Dole; Mark Roche (QFRS); Mark Symons; Max Smith publicworks; Meg Frisby; Melissa Patch; Michael Hahn (ADF); Michael Kinnane; Natalie MACDONALD publicworks; Neil.Roberts [REDACTED] Owen Sadler (ADF); owen.paulson [REDACTED] owen.paulson [REDACTED] Patrick Byr [REDACTED] ul Hobbs; Paul Lucas; Pauline Evans; Peta Robertson; Peter Cahill; Peter Twomey; Peter Warrenner; Peter Wmelt (AG); Ardenlieff Peter; QPS Media; Rai Whitten; rahn.richard [REDACTED]; Robert Bundy; Rodney Walz; Roger Lye; Sarah Abbott; SDCC Kedron; SDCCINT; SDCCOPS; SES Deployments; SES Vic DO; Shane Chelepy; Shane Wood; SHECC; shen [REDACTED] socc; socc [REDACTED] Susan Grantham; Tim Wiebusch Vic SES; Tracey Rees; Trevor VanDam; Warren Bridson; B Hanbridge; Brett pointing; codd.brian [REDACTED] ddc.bundaberg [REDACTED] DDC.Cairns [REDACTED] DDC.Charleville [REDACTED] by [REDACTED] DDC.Gladstone [REDACTED] DDC Gold Coast; DDC.Gympie [REDACTED] DDC.Innisfail [REDACTED] DDC.Ipswich; DDC [REDACTED] DDC.Longreach@police.qld.gov.au; DDC.mackay@police.qld.gov.au; DDC.mareeba [REDACTED] au; DDC.Maryborough [REDACTED] DDC.Redcliffe [REDACTED] DDC.Rockhampton; DDC.Roma [REDACTED] DDC.Sunshine Coast; DDC.Toowoomba [REDACTED] DDC.Townsville [REDACTED] powers.noel [REDACTED] DDC.Brisbane [REDACTED] DDC.Mountisa [REDACTED] mnderson.andrew [REDACTED] Peter Martin; Brad.Smith [REDACTED] Bruce Gunn; Carolyn Parsons; Craig Bartlett [REDACTED] David Eastman (DIP); Disaster Coordination; Don Bletchly; Fiona Ferrier; graham.atkins [REDACTED] Ian Dunn (ADF JOSS); Irina Stankovska; jackie.moone [REDACTED] Jeff.Shelberg [REDACTED] John Cawcutt [REDACTED]; john.ross [REDACTED] sullivan [REDACTED] yle Michael; Michael Dart; Michael Dickinson; Michael Pecic; Michael Shaplan [REDACTED] Neville.MOC [REDACTED] noel.gillard [REDACTED] norm.archer [REDACTED] patrick.j.quirk [REDACTED] Paul.Adcock [REDACTED] Allen Peter; Peter Chapman; Peter Dunn; phil.camel [REDACTED]; Phil.Nickerson [REDACTED] russellhoward [REDACTED] bartlett [REDACTED] State DC Group; trevor.dani [REDACTED] Trevor L [REDACTED] on Groves; A [REDACTED] cks [REDACTED] Bern [REDACTED] Bill Date; Conrad Adams; Daniel Altott; Daniel Young; David Boulton; David Hermann [REDACTED] J.Davidson [REDACTED] john.g.wright [REDACTED] Irat [REDACTED] Mike Franks; Paul Dimech; Schwartz Robert; Sean Kenny; Steve Waddell; Bob Atkinson (QPS); David Stewart (DTMR); Deb Watkins SDMG QPS; Gerard Bradley (Treasury); Graeme Newton (DIP); greg.hallam [REDACTED] Jeannette Young; Bradley John; Julie Grantham (DET); Linda Apelt (DoC); Mal Grierson (DPW); Mick Reid [REDACTED] Philip Reed; Andrew Goodman; betty kiernan; karen.moss [REDACTED] Kate Lennox; PCC State Duty Officer; Scott Chandler; Tim Mulherin; Zachary Skyring; Alyce Valentine; Andrea Dawson; Brodie Bott; Chantelle Rule; Elizabeth Buckler; Hayley Gillespie; Helen Ainsworth; Lisa Grundy; Michael Franks; Tamani Nair; Troy Davies

**Subject:** QEMR as at 05.00am Tuesday 11 January 2011

**DEPARTMENT OF COMMUNITY SAFETY**  
**Daily Queensland Emergency Management Report**  
**as at 5:00am Tuesday 11 January 2011**

**SIGNIFICANT INFORMATION**

- Significant weather event in Toowoomba and surrounds:
  - Official death toll is at 8 with searches continuing for missing persons
  - QPS MIR operational (an additional 1300993191 number to support Policelink number has been established)
  - Flood waters in Toowoomba receding
  - Substantial CBD damage in Toowoomba with an active QPS presence
  - Grantham: 30 people at the school with 13 at another private residence remain isolated, but QPS have been in contact during the night
  - EMQ helicopter expected to transfer 20 people to Gatton evacuation centre today
  - Glenore Grove: main flood waters peaked at over 15 metres in the early hours of this morning and a watch is being kept on Lyons Bridge which will peak 6 hours before waters reach the Brisbane River
  - Withcott (Tomatoland): 3 juvenile pedestrians and two cars washed away, some located but search continuing, water and terrain hampering search
  - SEQ Water advised that Withcott pumping station has been damaged. Approximately half of community have no water (approx 750 people) however a water tanker will be on site 6am today. Most people have their own water tanks
  - Gatton: 40 people in the evacuation centre and low lying areas have been evacuated
  - Murphy's Creek: 2 deceased have been located. QPS continuing to check the area
  - Rooftop extractions in the Lockyer Valley area by helicopter were ceased during the night due to bad weather (thick fog) so number of people still on rooftops unknown
  - Helidon: An evacuation centre has been established at the RSL with at least 50 plus evacuees staying overnight. A triage centre was established with 2 Category patients being treated. The Gatton LDMG was able to supply bedding and essential food, water and medical supplies etc. The town has power to half the community at present but there are doubts about the quality of the water supply
  - QPS have deployed 28 Officers to Gatton and Withcott areas
  - QFRS have deployed 4 Swiftwater Rescue Technicians and 1 Engineer to Toowoomba and a further 7 Swiftwater Rescue Technicians from Northern and Central Regions are being moved to Brisbane to standby.
  - The Lockyer Valley area is still of concern with 45-50 mm of rain expected over the next 2-3 hours
  - QPS along with other emergency services and volunteers will commence searches of the Grantham and Murphy's Creek areas this morning
  - The AFP have donated 10 4WD vehicles and ADF are providing 2 Black Hawks and 2 Sea-King helicopters to assist in the searches and evacuations
- In the early hours of this morning, Nanango SES commenced flood boat evacuations of 2 houses.
- In Dalby the river levels peaked at 3.79 metres. There has been significant rain overnight and levels could continue to rise. There are 2 evacuation centres with 65 and 100 people respectively
- In Chinchilla evacuations have started with 30 homes to be evacuated by road before inundation
- In Condamine the river levels are rising fast, with the bridge at 9.55m (at 2100 10.01.11) and there is a need to evacuate people out of town before bridge reaches 10.1m. The area has been door knocked for self evacuation by vehicles to Miles. Not contemplating evacuation centre at this stage. 2247 Emergency Alert SMS and Voice messages sent out
- In Meandarra (150-220 population) the CBD is expected to be inundated as well as 4 houses. Some houses have self evacuated previously and will be returning to inundated homes. Heavy rainfall experienced with Brigalow Creek rising. Sandbagging is occurring
- In Tara there are reports of the death of a Weimilla of male person electrocuted while checking generator.
- In Gympie the Mary River was at 19.19 metres at 04:00 hours 11.1.11

**Major Highway Closures (as at 0300hrs on 11-1-11)**

- Warrego Highway closed north and west at Jondaryan, between Toowoomba and Dalby, and east at Plainlands and Toowoomba Range
- Bruce Highway north of Caboolture (with detours)
- Barwon Highway - west of Goondiwindi
- Bruce Highway - north of Gladstone
- Bruce Highway - south of Gympie
- Camarvon Highway - north of Injune
- Dawson Highway - Calliope to Springsure
- Fitzroy Development Rd - north of Taroom
- Leichardt Highway - north of Wandoan
- Moonee Highway - west of Moonee

**WEATHER OBSERVATIONS**

**Weather Situation**

- The monsoon trough extends over the northern tropics and is moving gradually south. An upper level low lies over the Darling Downs and Granite Belt district and is expected to drift slowly southwest for the remainder of today while weakening. A large high over the southern Tasman Sea extends a firm

14/02/2012

ridge over the southern Queensland coast.

#### Forecast for the rest of Tuesday

- Rain areas and thunderstorms with moderate to heavy falls about the Southeast Coast, southern parts of the Wide Bay and Burnett, Darling Downs and Granite Belt and eastern parts of the Maranoa and Warrego District. Rain areas and thunderstorms about the tropics and west of the state. Scattered showers and thunderstorms elsewhere. Light to moderate NE to NW winds, tending fresh to strong about southeast parts.

#### Forecast for Wednesday

- A new high will move into the southern Tasman Sea, extending a firm ridge north towards the southern and central Queensland coasts. Patchy rain areas and isolated thunderstorms will therefore ease to showers over southeastern districts as the ridge starts to dominate. Rain areas and thunderstorms will continue over northern Queensland and extend south over western districts as the monsoon trough continues to shift south over the Northern Territory. Moderate falls are likely. Scattered showers along the central coast. Isolated showers and inland thunderstorms elsewhere.

#### Forecast for Thursday

- The monsoon trough will most likely merge with another trough to the south to result in a sharp trough extending from the Northern Territory into South Australia. Moist N'ly winds ahead of the trough will continue to extend rain areas and thunderstorms over the Queensland tropics with moderate falls. Scattered showers, thunderstorms and areas of rain over western districts west of Longreach. Mostly fine conditions over the southeastern corner of the state under the influence of the ridge, with only isolated showers and early inland drizzle areas expected. Patchy rain areas and possible isolated thunderstorms elsewhere.

#### Forecast for Friday

- The trough system will lie near the western Queensland border while the monsoon trough will persist across the tropics. Moist E to NE winds ahead of the trough will continue to extend rain areas and thunderstorms over the Queensland tropics. Scattered showers and thunderstorms with patchy rain areas over western districts west of about Longreach. Mostly fine conditions about the remaining east coast under the influence of the ridge, with only isolated showers and early inland drizzle areas expected. Fine over the central and southeast interior.

#### Outlook for Saturday, Sunday and Monday

- A ridge of high pressure will dominate weather over southeastern districts throughout the outlook period, with only isolated showers expected, chiefly near the coast. Conditions will remain moist and unstable through western districts and the northern tropics with scattered showers, patchy rain areas and thunderstorms continuing, most likely extending into central districts late Sunday and Monday.

#### Rainfall

- In the period since 09.00am Monday significant rainfall was recorded at many locations across the State. These included:
 

|                                   |       |
|-----------------------------------|-------|
| • Weipa                           | 159mm |
| • Redbank Creek                   | 134mm |
| • Ballon                          | 124mm |
| • Upper Springbrook               | 121mm |
| • Baroon Boat Ramp (Sunshine Cst) | 119mm |
| • Toowoomba                       | 104mm |

#### SES 132 500 CALLS

- 13275 calls were made to SES 132 500 in the period since 05.00am Monday. These included:
 

|             |      |
|-------------|------|
| • Toowoomba | 4466 |
| • Brisbane  | 683  |
| • Ipswich   | 627  |

#### MEDIA

*Courier Mail Reports:* MOTHER nature had released "something shocking" as Queensland faced a desperate and grim situation posed by rising flood waters, the Premier warned. Speaking at a news conference, Anna Bligh said the floods released on the town of Toowoomba and the death of at least four people had emergency services stretched to the limit. Two children were among the dead after a woman and child died in the CBD, and a man and a male child were washed away in, or from a house at Murphys Creek. Ms Bligh also warned that people still stranded on rooftops faced an agonising wait for help overnight as authorities were hampered by fog and heavy weather. <http://www.news.com.au/breaking-news/floodrelief/desperate-and-grim-situation-facing-qld-premier-anna-bligh-warns/story-fn7ik2te-1225985275828>

*Courier Mail reports:* A BODY of floodwater larger than Sydney Harbour threatens Brisbane, with only the Wivenhoe Dam's 2.3km-long earthen wall standing in its path. Brisbane Lord Mayor Campbell Newman warned yesterday that more water was flowing into the dam than the Brisbane River had received in the 1974 floods. The Brisbane City Council last night issued a warning for residents in more than 30 suburbs to expect flooding. Wivenhoe was rising fast, but it had the potential to go past 200 per cent capacity before overflowing. Cr Newman said the dam was doing its job but could not fully protect the city because of the dimension of the floods. <http://www.couriermail.com.au/news/queensland/brisbane-flood-alert-as-wivenhoe-threatens-to-spill-over/story-e6freoof-1225985251560>

*ABC News Online reports:* A desperate situation is unfolding in Queensland's south-east, after flash flooding claimed the lives of at least seven people on Monday. Heavy rain created a deadly torrent of water that swept people off their feet, cars down city streets and houses off their foundations in the Darling Downs city of Toowoomba. Four deaths have been confirmed, while the ABC understands three others have died. <http://www.abc.net.au/news/stories/2011/01/11/3110095.htm>

*Toowoomba Chronicle:* HUNDREDS of people had to be evacuated from Withcott yesterday afternoon after flash flooding left the entire town partly submerged. The Withcott section of the Warrego Highway was completely underwater by 3.30pm yesterday and Withcott and Helidon were cut off from traffic. Lockyer Valley mayor Steve Jones said the situation was unbelievable. "Withcott looks like Cyclone Tracy has gone through it," Cr Jones said yesterday afternoon <http://www.thechronicle.com.au/story/2011/01/11/withcott-flood-evacuation-toowoomba-rain/>

*The Australian reports:* FOUR people were dead and several more were feared lost in flash flooding west of Brisbane last night. This capped a day of horror and chaos as Queensland's flood crisis engulfed the state's thickly populated southeast. Emergency crews were scrambling to find three children reported to have been swept away by the wall of water that smashed through the central business district of Toowoomba without warning. <http://www.theaustralian.com.au/in-depth/queensland-floods/two-dead-as-wave-of-water-smashes-toowoomba/story-fn7wx3v-1225985290274>

*UK Daily Telegraph reports:* Authorities are desperately searching for many others missing and have ordered the immediate evacuation of 5000 residents in the path of deadly water downstream from Toowoomba, just an hour's drive west of the Queensland capital Brisbane. Steve James, the local mayor of Lockyer Valley, described it as "absolute devastation". Queensland Deputy Police Commissioner Ian Stewart warned more lives were under threat. "We've had multiple calls requesting urgent assistance from people caught in vehicles, caught on the street, caught in floodways," he said. "This has just evolved. There has been no warning of this event." <http://www.telegraph.co.uk/news/worldnews/australiaandthepacific/australia/8250131/Four-swept-to-death-as-Australian-floods-takes-Queensland-town-by-surprise.html>

#### Watch Desk Officer, State Disaster Coordination Centre

Emergency Management Queensland | Department of Community Safety  
Level 2, Block E, Emergency Services Complex, Kedron, Queensland  
Phone: [REDACTED]

This correspondence is for the named persons only. It may contain confidential or privileged information or both. No confidentiality or privilege is waived

All reasonable precautions will be taken to respect the privacy of individuals in accordance with the Information Privacy Act 2009 (Qld). Details on how per

**From:** Steven Dunn [REDACTED] on behalf of SDCC [REDACTED]  
**Sent:** Wednesday, 12 January 2011 5:12 AM  
**To:** cc: [REDACTED] Aaron Minos; Adam Shortman; Alistair Dawson; [REDACTED] Somerville; bette kill; Reilly Bob; Brett Harrison; pointing.brett [REDACTED] Bruce Grady; Chris Broomfield; CIS Health; Colonel Luke Foster; corinne.mulholland [REDACTED] Craig Mills; David Smith; DCS Media; Best Debbie; Desley Boyle; [REDACTED] DisasterManagement [REDACTED] Edmund Burke; Eddie Bennet; Peter Twomey; Robbie Medlin; Robert Bundy; Shane Wood; Warren Bridson; Wayne Coutts; Wayne Preedy; floodrecoverytaskforce [REDACTED] Gavin Trembath; Gerard Rabelink; Addie Zannes; [REDACTED] Adrienne; John Arrowsmith; Mark Wallace; Peter Timmers; QFRS GIS Unit; Richard Webb; Glenn Walker; Grant Cassar (ADF); Greg Eustace Health; Harry.VENMANS [REDACTED] Hugh O'Brien; Iain Macculloch (EMQ Kedron); Iain MacKenzie; Ian Fletcher; Ian Mitchell; Ian Stewart (QPS); Ian Jennings; Jade.Thompson; Janet Born; Jayne Barnes (QAS); Jeff Cheadle; Jim McGowan; John Gaskin.com.au; Ryan John; Joshua O'Keefe; Kate van Poelgeest; Kathy Brown; Ken Smith; Kimberley gardiner; Kirsten Roos; Lance McCallum; Lee Johnson; Leo McNamara; Liam Ferney; Lucas Mckennariery (ADF); Mark Dole; Mark Roche (QFRS); Mark Sy [REDACTED] ipsett; Max Smith publicworks; Meg [REDACTED] atch; Michael H [REDACTED] nane; Minister's Office; Natalie MACDONALD publicworks; NSW SEOC; oesc.notifications [REDACTED] Owen Sadler (ADF); owen.paulson [REDACTED] owen.paulson [REDACTED] Patrick Byrne; Paul Lucas; Paul Hobbs; Paul Lucas; Pauline Evans; Peter Robertson; Peter Cahill; Peter Twomey; Peter Warren; Peter Willeit (AG); Artemieff Peter; QFRS Special Ops; QPS Media; Rai Whitten; hahn.richard [REDACTED] Robbie Medlin; Robert Bundy [REDACTED] ger Lye; SA [REDACTED] chell; Sarah Abbott; SDCC Kedron; SDCCINT; SDCCOPS; SES Deployments; SES Vic DO; Shane Chelepy; Shane Wood; SHECC; shecc [REDACTED] socc; socc [REDACTED] Susan Grantham; Tim Wiebusch Vic SES; Tracey Rees; Trevor VanDam; Warren Bridson; B Hanbidge; Brett pointing; pointing.brett [REDACTED] codd.brian [REDACTED] ddc.bundaberg [REDACTED] DDC.Cairns@ [REDACTED] DDC.Charlevill [REDACTED] DD [REDACTED] DDC.Dalby [REDACTED] DDC.Gladstone [REDACTED] DDC Gold Coa [REDACTED] [REDACTED] [REDACTED] DDC.Logan [REDACTED] DDC.Longreach [REDACTED] DDC.Mackay [REDACTED] [REDACTED] DDC.mareeba [REDACTED] u; DDC.Maryborough [REDACTED] DDC.Redcliffe [REDACTED] DDC.Rockhampton; DDC.Roma [REDACTED] [REDACTED] DDC.Sunshine Coast; DDC.Toowoomba [REDACTED] [REDACTED] DDC.Townsville [REDACTED] powers.noel [REDACTED] DDC.Warwick [REDACTED] u; DDC.Brisbane [REDACTED] henderson.andrew [REDACTED] Peter Martin; Adam Shortman; Alistair Dawson; Andrew Goodman; Betty Kiernan; Bruce Grady; Colonel Luke Foster; Corinne Mulholland; David Smith; DCS Media Officers; DisasterManagement [REDACTED] Graeme Newton (DIP); Iain Macculloch (EMQ Kedron); Iain Fletcher; Ian Mitchell; Jackie Mooney; Jim McGowan; karen.moss [REDACTED] Kate Lennox; Ken Smith; Melissa [REDACTED] innane; Michael Shapland; Minister's Office; Neil Roberts; Owen Sadler (ADF); Patrick Byrne; Paul Lucas; PCC State Duty Officer; Peter Robertson; QPS Media; hahn.richard [REDACTED] Scott Chandler; SDCC Kedron; Shane Chelepy; Tim Mulhe [REDACTED] Warren Bridson; Zachary Skyring; Eddie Bennet; Peter Twomey; Robbie Medlin; Robert Bundy; Shane Wood; Wayne Coutts; Wayne Preedy; Alistair Dawson; Brad.Smith [REDACTED] Bruce Gunn; Carolyn Parsons; Craig.Bartlett [REDACTED] David Eastman (DIP); Disaster Coordination; Don Bletchly; Fiona Ferrier; graham.atkins [REDACTED] Greg Eustace Health; Ian Dunn (ADF JOSS); Irina Stankovs [REDACTED] Jeff.Shelberg [REDACTED] John Cawcutt [REDACTED] site [REDACTED] ustin Fitzgerald; ksullivar [REDACTED] Boyle Michael; Michael Dart ; Michael Dickinson; Michael Petic; Michael.Shapland [REDACTED] Neville.MOC [REDACTED] noel.gillard [REDACTED] u; horm.arche [REDACTED] Patrick Byrne; patrick.j.quirk [REDACTED] Paul.Adcoc [REDACTED] Peter Robertson; Allen Peter; Peter Chapman ; Peter Dunn [REDACTED] Phil.Nickerson [REDACTED] russellhoward [REDACTED] [REDACTED] p; trevor.dani [REDACTED] Trevor Leverington ; Warren Bridson; Aaron Groves; Anila.R.Federicks [REDACTED] Bernard.Trembath [REDACTED] Bill Date; Conrad Adams; Daniel Altoft; Daniel Young; David Boutton; David Eastman; David.Herman [REDACTED] J.Davidson [REDACTED] John.g.wright [REDACTED] John.Tossie [REDACTED] Irat [REDACTED] Michael Dart; Mike Franks; Paul Dineen; hahn.richard [REDACTED] Schwartz Robert; Scott Leonard; Sean Kenny; Steve Waddell; bette kill acting DG till 24 Jan 11; Bob Atkinson (QPS [REDACTED] [REDACTED] rady; Colonel Luke Foster; David Stewart (DTMR); Deb Watkins SDMG QPS ; Gerard Bradley (Treasury); Graeme Newton (DIP); greg\_hallan [REDACTED] Ian.Fletcher [REDACTED] Jeannette Young; Jim McGowan; Bradley John; Julie Grantham (DET); Ken Smith (DPC); Linda Apelt (DoC); Mal Grierson (DPW); Mick Reid [REDACTED] Natalie.MacDonald acting DG DPW till 18 Jan 11; Philip Reed; Ian Thomas

**Subject:** QEMR as at 05.00am Wednesday 12 January 2011

**Attachments:** QEMR 0500 sitrep 120111.pdf

**DEPARTMENT OF COMMUNITY SAFETY**  
**Daily Queensland Emergency Management Report**  
**as at 5:00am Wednesday 12 January 2011**

#### **SIGNIFICANT INFORMATION (updates since 21:00 11.1.11)**

##### Toowoomba/Lockyer Valley:

- Official death toll is 10 (6 females, 4 males) with 79 people missing or uncontactable
- QPS MIR in Brisbane and Toowoomba remain operational
- Margaret Street, Toowoomba remains closed to vehicle and pedestrian movement
- QPS now have 29 Officers deployed around the region

##### Brisbane/Ipswich:

- Major flooding is starting to occur with widespread road closures throughout the region.
- Five evacuation centres on standby in Brisbane, and RNA Showgrounds activated with capacity of 3000.
- There are now 4 Evacuation Centres in Ipswich (Show Grounds, St Joseph's School, Ripley View (Church) Ipswich Grammar) housing approximately 1,100 as at 0100 hours.
- SES, QFRS and QPS are undertaking evacuations in the Oxley Creek area.
- Brisbane River and Moreton Bay were closed to boating traffic at midnight. Any emergencies on Moreton Island will need a helicopter response.
- Campers on Moreton Island have been relocated to Tangalooma Resort.
- As at 4am, Energex reported 48,437 customers without power across Brisbane, Gold and Sunshine Coasts. The majority of these are attributed to flooding.

##### Sunshine Coast

- 4 evacuation centres (Lake Kawana Community Centre (4 people); The J, Noosa; Nambour Civic Centre; Beerburum Community Centre)
- Many roads have been closed and there are several landslips across the district including Nambour Mapleton road and Buderim in the vicinity of Sam White Drive.
- A previous landslip at Durham Crescent, Buderim appears to have worsened over the past 24 hours. After consultation between QPS and SSCRC 5 houses have been evacuated from Sam White Drive, Devon Drive and Dover Drive in Buderim.
- Concern is held re the number of landslips occurring throughout the region.
- LDCC monitoring flood levels at Golden Beach but no imminent risk to residents at this time
- Inundation has occurred on both Bradman Avenue, Maroochydore and Hilton Terrace, Tewantin however no house inundation has occurred at this stage. Both roads are closed and not likely to reopening under after midday high tide.
- Kenilworth Area may need resupply of essential food stuffs should the area remain isolated for an extended period.
- Power cuts to customers in the Kenilworth/Conondale areas,

#### **Major Highway Closures (as at 0300hrs on 11-1-11)**

- Barwon Highway - west of Goondiwindi
- Brisbane Valley Highway at Split Yard Creek , Fernvale
- Bruce Highway - north of Gladstone
- Bruce Highway - south of Gympie
- Bruce Highway- southbound closed Caboolture, King John Creek and Federal
- Canarvon Highway - north of Injune
- Cunningham Highway-between Warwick and Inglewood
- Dawson Highway - Calliope to Springsure
- D'Aguilar Highway- closed at 4 points from Kilcoy Creek
- Fitzroy Development Rd - north of Taroom
- Gateway Motorway- Bald Hills
- Gore Highway- Pampas and Brookstead
- Ipswich Motorway- closed at Goodna and Redbank
- Leichardt Highway - north of Wandoan
- New England Highway – between Toowoomba and Warwick
- Moonee Highway - west of Moonee
- Mount Lindesay Highway is closed at Jimboomba
- Warrego Highway – closed from Marburg Range to Toowoomba range in both directions, and west of Dalby
- All roads West and North of Brisbane are currently impacted
- All roads west of the Darling Downs are also impacted
- There are major impacts on all Central Queensland road networks with continued heavy rain and further disruptions likely

#### **WEATHER OBSERVATIONS**

14/02/2012

**Weather Situation**

The monsoon trough extends over the northern tropics and is moving gradually south. A surface trough lies near the southern Queensland coast and a deep inflow of tropical moisture continues over southeastern Queensland. This is expected to weaken overnight and during Wednesday as a ridge of high pressure extends into the area.

**Forecast for Wednesday**

A new high will move into the southern Tasman Sea, extending a firm ridge north towards the southern and central Queensland coasts. Patchy rain and isolated thunderstorms will therefore ease to showers over southeastern districts as the ridge starts to dominate later in the day. Rain areas and thunderstorms will continue over northern Queensland and extend south over western districts and also through central parts north of Clermont as the monsoon trough continues to shift south over the Northern Territory. Moderate falls are likely,, possibly locally heavy with thunderstorms. Isolated showers and inland thunderstorms elsewhere.

**Forecast for Thursday**

The monsoon trough will most likely merge with another trough to the south to result in a sharp trough extending from the Northern Territory into South Australia. An active monsoon trough will also persist through the northern Coral Sea. Moist N'y winds ahead of the trough will continue to produce rain areas, showers and thunderstorms over western districts west of about Longreach with possible locally heavy falls with thunderstorms. Rain areas and thunderstorms also continue through the tropics and central districts north of about Clermont with at least some moderate falls. Mostly fine conditions over the southeastern corner of the state under the influence of the ridge, with only isolated showers and early inland drizzle areas expected.

**Forecast for Friday**

The trough system will lie near the western Queensland border while an active monsoon trough will extend from a deepening low near New Caledonia to the northeast Queensland tropics. Widespread rain areas and thunderstorms are therefore expected over the northern tropics with some heavy falls. Rain areas and thunderstorms also continue through western districts west of Longreach with possibly locally heavy falls with thunderstorms. Mostly fine conditions elsewhere with only isolated showers and morning drizzle, chiefly near the coast and adjacent inland

**Forecast for Saturday**

The monsoon trough remains active over northern Queensland with rain and thunderstorms continuing. Some heavy falls are likely. The other trough system will extend over southwestern parts of the state with showers and thunderstorms persisting over western districts west of Longreach. Mostly fine conditions elsewhere with only isolated showers near the coast under the influence of the ridge.

**Outlook for Sunday, Monday and Tuesday**

The monsoon trough is expected to remain active over the tropics with rain and thunderstorms continuing. The other trough over southwestern Queensland is expected to move slowly east during the outlook period, with showers and isolated thunderstorms extending east with the trough, most likely reaching the southeast Queensland coast on Tuesday.

**Rainfall**

- In the period since 09.00am Tuesday significant rainfall was recorded at many locations across the State. These included:
  - Dayboro Alert 228mm
  - Noosa Heads Alert 169mm
  - Poona Dam Alert 167mm
  - Rosewood AL-B 167mm
  - Lake Clarendon Alert 134mm
  - Rosewood AL-B 167mm

**SES 132 500 CALLS**

- 32483 calls were made to SES 132 500 in the period since 05.00am Tuesday. These included:
  - Brisbane 3578
  - Caboolture 2024
  - Ipswich 1730

**Media**

*Daily Telegraph Reports:* CLINGING on to life, and to one another, the Ives family spent almost seven hours sitting terrified on the roof of their flooded house - fearing they would not be found alive. Covering on top of the two-storey home in Grantham, on the outskirts of Toowoomba, Zac and Ashti Ives and daughters Tamika, 11 and Kayla, 8, waited seven hours for help. Late yesterday, as the weather continued to hamper rescue efforts, a farmhouse caught fire, believed to have been struck by lightning. "We just can't win," an SES spokesman said. <http://www.dailytelegraph.com.au/news/i-thought-wed-die-on-the-roof-of-our-house-ives-family-escape/story-e6freuy9-1225985962821>

*Courier Mail reports:* FLOODS that have tormented Queensland for almost three weeks re about to hit the state's biggest city. As towns across the region continue to reel from record devastation, Brisbane is now in the firing line, with residents having just hours to prepare for a flood worse than 1974. Ten lives - including five children - have already been lost in the rapidly deepening crisis. Another 78 people are missing after an "inland tsunami" tore through the Lockyer Valley on Monday <http://www.couriermail.com.au/news/brisbane-braces-for-the-worst-as-record-floodwaters-loom/story-e6freon6-1225985939905>

*The BBC reports:* Thousands of people have been urged to leave parts of Australia's third largest city, Brisbane, which is facing its worst flooding in decades. Officials say between 6,500 and 9,000 homes and businesses are set to flood. Queensland's state capital. Streets are largely empty and families have moved to refuge centres in some areas, with the peak of the flooding expected on Wednesday and Thursday. <http://www.bbc.co.uk/news/world-asia-pacific-12158608>

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**From:** Williams Christine  
**Sent:** Saturday, 8 January 2011 2:49 PM  
**To:** Best Debbie  
**Subject:** Fw: Water Grid operations update: 8/1/11

Fyi

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

From: Ruffini John  
To: Williams Christine  
Sent: Sat Jan 08 14:40:55 2011  
Subject: RE: Water Grid operations update: 8/1/11

Christine,

Thanks for that.

Dan must have been very quite last night as I didn't notice him in the flood room.

I was aware of this as most of it is out of the " FOC Status Report at 06:00 on Saturday 8 January 2011" situation report I prepared at 6:00 am this morning for SEQWater.

Peter Allen Dam Director of Dam Safety (DERM), BOM, Somerset, Brisbane, Ipswich and Moreton Bay Councils all receive copies directly of this report from the FOC.

The Grid manager has the role of coordinating the release of this information and they prepare a rolled up version of these reports with some additions for public distribution.

Attached is the 12:00 FYI prepared by Rob Ayre (Sunwater) for SEQWater who is the duty engineer for the day shift today. This is not for public distribution.

Cheers

John Ruffini

FOC Status Report at 12:00 on Saturday 8 January 2011

Rainfall

No significant rain has fallen over the dam catchments in the past 18 hours.

Advice from BoM indicates that SE Qld can expect further high rainfall totals over the next 4 days.

|           |  |
|-----------|--|
| Saturday: | Rain light at times 5-50mm with higher falls along the coast |
| Sunday:   | Widespread rain with totals between 50-100mm                 |
| Monday:   | Widespread rain again with totals between 50-100mm           |
| Tuesday:  | Rain easing with totals between 25-50mm                      |



Given the saturated conditions of the catchments, significant inflows to Seqwater dams will be generated, especially following the forecast rainfall on Sunday/Monday.

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North Pine (Full Supply Level 39.60 m AHD)

At 1200 Saturday, North Pine Lake Level was 39.46 m AHD and is steady. Currently 2 gates are open to release runoff generated from rainfall over the last three days. Given the very high likelihood of significant runoff during the next 4 days, gates will be kept open to match inflows over the next few days, rather than opening and closing at various times with short notice. Lake Kurwongbah spillway flows are also contributing to the adverse impacts experienced at Youngs Crossing.

Youngs Crossing will remain adversely impacted for the duration of the gates being open.

Moreton Bay Regional Council has been advised and concurs with this strategy.

Somerset (Full Supply Level 99.00 m AHD)

At 1000 Saturday, Somerset Dam level peaked at 100.47m AHD and is now slowly falling. At 1200 it is now 100.45m. Somerset Dam is releasing into Wivenhoe through two open sluice gates and over the fixed crest at a rate of about 415 m<sup>3</sup>/s.

Since the commencement of the event on 02/01/2011, approximately 91,000ML has flowed into Somerset Dam with a further 20,000ML expected based on the recorded rainfall to date. Approximately 29,000ML has been released into Wivenhoe.

Wivenhoe (Full Supply Level 67.00 m AHD)

At 1200 Saturday, Wivenhoe Dam was 68.60 m AHD and rising steadily with all five gates open and releasing about 1,150 m<sup>3</sup>/s. River levels upstream of Wivenhoe Dam have peaked and are now receding. However the further inflows into the dam has led to elevated levels. It is intended to increase the release from Wivenhoe to 1,250 m<sup>3</sup>/s by 14:00 on Saturday 08/01/2011. This will maintain flows of up to 1,600 m<sup>3</sup>/s in the mid-Brisbane River throughout the afternoon.

Further assessments will be undertaken to determine increases above this level given the high likelihood of significant inflows in the next few days. The interaction with runoff from the Bremer River and Warrill Creek catchment will also be assessed to determine an appropriate release strategy. Projections based upon the forecast rainfalls suggest flows of up to 1,200 m<sup>3</sup>/s will emanate from the Bremer River catchment.

Since the commencement of the event on 02/01/2011, approximately 202,000ML has flowed into Wivenhoe Dam (including Somerset releases) with a further 210,000ML expected based on the recorded rainfall to date. Approximately 66,000ML has been released from Wivenhoe via the radial gates, hydro and regulator.

#### Impacts downstream of Wivenhoe

The projected Wivenhoe release of 1,250m<sup>3</sup>/s and combined with Lockyer flows and local runoff will mean that all low level crossings downstream of Wivenhoe (Twin Bridges, Savages Crossing, Burtons Bridge, Kholo Bridge and Colleges Crossing) will be adversely impacted for several days. At this stage Fernvale and Mt Crosby Weir Bridge are not expected to be affected, but they could potentially be affected if the predicted rainfall totals eventuate and higher releases from Wivenhoe Dam are considered necessary.

The current available assessments indicate that the combined flow in the lower Brisbane River would only add 50mm to an upper limit of 100mm to the recorded water levels in the City Reach of the Brisbane River. However, it is noted that tides in the lower Brisbane R will be 0.4 to 0.5 metres higher than predicted tides. The tide level at the Port Office Gauge at 1200 Saturday was 1.56 m and rising.

Somerset Regional, Ipswich City and Brisbane City Councils have been advised of the Wivenhoe operating strategy.

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

From: Williams Christine  
Sent: Saturday, 8 January 2011 1:09 PM  
To: Ruffini John  
Subject: Fw: Water Grid operations update: 8/1/11

Fyi

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

From: Best Debbie  
To: Birchley Michael; Hart Randall; Williams Christine  
Sent: Sat Jan 08 12:15:45 2011  
Subject: Fw: Water Grid operations update: 8/1/11

Fyi

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

From: Dan Spiller <Daniel.Spiller [REDACTED]>  
To: Best Debbie  
Sent: Sat Jan 08 09:47:48 2011  
Subject: RE: Water Grid operations update: 8/1/11

Debbie,

We expect river levels to be similar to yesterday, and again due to tides rather than releases.

River yesterday peaked at about 1.85 metres at the Port Office gauge. The high peak was due almost entirely due to tides and a 0.4 to 0.5 metre atmospheric anomaly.

BoM and Seqwater agree that flows of 1500 cumecs over Mt Crosby will contribute about 0.05m (50mm) to peak river levels at the Port Office gauge. We are planning to release at 1200 cumecs from midday, with an allowance for Lockyer Valley flows (which peaked

at about 500 cumecs this week and are reducing). For interest only, the impact on low tide levels is greater - meaning that there is less variation in river levels.

The key risk will be if the high rainfall eventuates (200mm over four days). We will review as this occurs, but in the meantime it is important that we get the flood storage compartment down to give ourselves some flexibility.

Looking forward, we are preparing a more detailed brief on potential scenarios with the upcoming January and February peak tides. The challenge is that river levels are due to about five different factors, of which only tides can be predicted this far out. Atmospheric anomalies can only be predicted a few days out.

Short answer is that we expect ongoing low level flooding (defined by BCC as 1.7m at the Port Office gauge). Moderate Brisbane River flooding as defined by BCC would still require significantly larger releases than have been made at any time since Wivenhoe Dam was completed, potentially combined with another large atmospheric anomaly. Note that local flooding can occur for a range of other reasons, as flagged in the CM today.

Hope this helps.

Dan

---

From: Best Debbie [REDACTED]  
Sent: Saturday, 8 [REDACTED]  
To: Dan Spiller  
Subject: Fw: Water Grid operations update: 8/1/11

Dan you give detail?  
Debbie

----- Original Message  
From: Ken Smith <[REDACTED]>  
To: Best Debbie [REDACTED]  
Sent: Sat Jan 08 09:26:23 2011  
Subject: Re: Water Grid operations update: 8/1/11

Thanks Deb. Can't access the attachment at home. Likelihood of localised flooding?

----- Original Message  
From: Best Debbie [REDACTED] >  
To: Ken Smith  
Sent: Sat Jan 08 09:16:40 2011  
Subject: Fw: Water Grid operations update: 8/1/11

Ken  
A bit of action in SE which you need to be aware of. WGM is liaising with the LDMG.  
Debbie

----- Original Message  
From: Dan Spiller [REDACTED]  
To: stephen.roberts [REDACTED]  
<[REDACTED]>  
([REDACTED] au>; Tim [REDACTED]  
W [REDACTED] ff  
Stead [REDACTED]  
lauren [REDACTED] bbie;  
Martin.Pete [REDACTED]  
Dunn.KerryG [REDACTED]  
Cc: Rob [REDACTED]; [REDACTED]  
mfoster [REDACTED] G  
Reilly [REDACTED] dgwick.DarrenT [REDACTED] >;  
Denner Scott @ SEQWGM  
Sent: Sat Jan 08 08:59:30 2011  
Subject: Water Grid operations update: 8/1/11

All,

Dam releases

Attached is the current technical situation report.

Releases are being made from Somerset, Wivenhoe, North Pine and Leslie Harrison dams, with forecasts of high rainfall totals over the next four days.

For Wivenhoe Dam:

\* All five gates are now open with the release rate planned to increase to 1200 cubic metres per second by midday today. This release rate is less than peak release from October 2010.

\* The release strategy will continue to be reviewed based on actual rainfall. With significant inflows, it may need to be increased.

\* As advised yesterday, a number of local birdges have been inundated by releases and local flows. The Fernvale and Mt Crosby Weir Bridges could potentially also be affected if predicted rainfall totals eventuate.

\* The BoM and Seqwater concur that current releases will increase the level of the lower Brisbane River by about 50 to 100mm. There is currently a 40 to 50mm atmospheric anomaly.

Releases from North Pine and Leslie Harrison dams are continuing. Releases from Hinze Dam are expected to be required over the weekend.

Water treatment

In terms of operations, Lockyer Valley flows have again caused a turbidity spike in the Brisbane River. Impacts are expected to peak today at Mt Crosby today, before being diluted by dam releases. There are similar issues at some other locations.

Despite the spike, all key plants are currently operating within critical limits with any impacts being monitored. Seqwater and Linkwater have prepared for potential issues by increasing treated water storage and staffing at some treatment plants. Desalination is at one-third capacity and ready to increase production within two hours of an instruction (but is unlikely to be required in this event).

With forecast rainfall, these type of issues are likely to recur over the remainder of the wet season.

Please call me on [REDACTED] if you require any further information.

Regards,  
Dan

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+-----+  
Think B4U Print  
1 ream of paper = 6% of a tree and 5.4kg CO2 in the atmosphere  
3 sheets of A4 paper = 1 litre of water  
+-----+

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**From:** Mich aels Paul  
**Sent:** Tuesday, 11 January 2011 5:29 PM  
**To:** Wall Terry; Birchley Michael; Brown Damien; Best Debbie; Williams Christine; Leverington Andrea; Robson Chris; Zubrinich Robert; Boyle Michael; Waters Kerry; nicola.hazel [REDACTED] geoff.stead [REDACTED]  
**Subject:** FW: Water Grid Update - Dam Releases - 11 January 2011  
**Importance:** High

For your info (apologies if you have already received this direct - no way of knowing who are the 'undisclosed recipients')

Paul Michaels  
 Director, Media Services  
 Client Communications and Information  
 Department of Environment and Resource Management  
 Phone: [REDACTED]  
 email: [REDACTED]u

---

**From:** SEQWGM Media [REDACTED]  
**Sent:** Tuesday, 11 January 2011 5:19 PM  
**To:** Undisclosed recipients  
**Subject:** Water Grid Update - Dam Releases - 11 January 2011  
**Importance:** High

## Water Grid update – 11 January 2011

### Increased controlled releases from Wivenhoe Dam

NOTE: All SEQ dams are safe, stable and operating within their design specifications.

Wivenhoe Dam is currently at 190 per cent and rising. Somerset Dam is at 176 per cent and also rising.

Controlled releases through Wivenhoe's five radial gates have now been increased to around 490,000 megalitres per day. This is expected to increase. Releases are being made in consultation with the Bureau of Meteorology and local councils and an effort to limit downstream impacts where possible. Note these large releases are necessary for the safe management of the dam.

Due to a combination of Lockyer Creek, local runoff and Wivenhoe releases, Twin Bridges, Savages Crossing, Burtons Bridge, Kholo Bridge Colleges Crossing, Fernvale Bridge, and Mt Crosby Weir Bridge may be inundated until at least Sunday 16 January. Residents are urged to contact local councils for detailed information on road crossing closures and other impacts.

All recreations areas around Somerset and Wivenhoe are closed, and given the dam levels and the need for safety around spillways, **we will not be able to facilitate any land-based media access to our sites today.**

While substantial amounts of water is being released into Wivenhoe from Somerset Dam, water levels in Somerset are expected to continue to rising today and areas around Kilcoy are likely to be impacted by these rising dam levels.

Five gates are open at North Pine Dam, releasing around 15,000 megalitres a day and will continue until at least Wednesday 12 January. The local Council is being kept informed regarding Youngs Crossing.

14/02/2012

Gate releases at Leslie Harrison Dam are underway due to rainfall and inflows.

Water has spilled from Wyaralong Dam after it exceeded 100 per cent capacity this morning.

A minor release of around 6,600 megalitres a day is being made through the emergency gates at Hinze Dam, which is likely to increase to around 8,000 megalitres per day by 6.00 pm Tuesday 11 January .

**For detailed information on road crossing closures and other potential impacts, always contact your local council.**

## ENDS

**Note to the Editor:** While releases are being made from the region's water storages, routine updates will be provided.

**Community Assistance:** Please direct the community to contact **telephone - 1800 613 122**. This number has been established for members of the public seeking information on which dams are spilling in South East Queensland.

Members of the public seeking information on **potential impacts in their local areas** should **direct inquiries to their local councils**.

**About the SEQ Water Grid:** Established in June 2008 in response to the crippling Millennium Drought, the SEQ Water Grid represents one of Australia's largest investments in water infrastructure.

Through a network of climate resilient water sources, treatment facilities, new two-way pipes and existing pipelines, the SEQ Water Grid gives the South East Queensland region the ability to support water demands, water quality, economic prosperity and lifestyle - regardless of climate change and population growth.

For further information on the Water Grid: [www.watergrid.com.au](http://www.watergrid.com.au)

**For further details contact the SEQ Water Grid Communications Unit on:**

**Ph: (07) 3247 3000 | Email: [media@seqwgm.com.au](mailto:media@seqwgm.com.au)**

 cid:image001.gif@01CB873F.38F327A0

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**From:** Petula Martinz [REDACTED]  
**Sent:** Monday, 10 January 2011 12:24 PM  
**To:** B est Debbie  
**Subject:** FW: Wivenhoe Dam release strategy  
**Importance:** High  
 Good afternoon Debbie

As discussed, Dan Spiller has requested that I forward details of teleconference at 12.30 this afternoon

Regards  
 Petula

---

**From:** Lance McCallum [REDACTED]  
**Sent:** Monday, 10 January 2011 12:10 PM  
**To:** Barry Dennien; Dan Spiller; Best Debbie  
**Cc:** Tim Watts; Geoff Stead  
**Subject:** RE: Wivenhoe Dam release strategy  
**Importance:** High

All – I can confirm that the Premier and Min R will participate in the 12.30 teleconference.

We also expect the Lord Mayor to participate.

Thanks

---

**From:** Barry Dennien [REDACTED]  
**Sent:** Monday, 10 January 2011 11:46 AM  
**To:** Lance McCallum  
**Subject:** FW: Wivenhoe Dam release strategy  
**Importance:** High

Lance

As discussed

Barry

Dear CEOs

This teleconference at 12.30pm today is to update you on the current Wivenhoe flood release strategy.

In preparation for this meeting we are intending to send out a Technical Report closer to 12.30pm that will detail the strategy.

**Dial in details are:**

**Phone:** [REDACTED]  
**Pin:** [REDACTED]

If you wish to contact me regarding this teleconference, please phone my office on [REDACTED] or mobile [REDACTED]

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14/02/2012

**From:** Karen Fasano [REDACTED] on behalf of SDCC [REDACTED]

**Sent:** Saturday, 8 January 2011 5:31 AM

**To:** DisasterManagement [REDACTED]; Adam Shortman; Alistair Dawson; Andrew Goodman; betty kiernan; Bruce Grady; Colonel Luke Foster; Corinne Mulholland; David Smith; Alyce Valentine; Andrea Dawson; Brodie Bolt; Chantelle Rule; DCS Media; Elizabeth Buckler; Hayley Gillespie; Helen Ainsworth; Kirsten Roos; Lisa Grundy; Michael Franks; Phil Nickerson; Tamani Nair; Troy Davies; Graeme Newton (DIP); Iain Macculloch (EMQ Kedron); Iain MacKenzie; Ian Fletcher; Ian Mitchell; Jackie Mooney; Jim McGowan; karen.moss [REDACTED]; Kate Lennox; Ken Smith; Melissa Patch; Michael Kinn [REDACTED]; Adam.Shortma [REDACTED]; Andrew Goodman; betty k [REDACTED]; nd [REDACTED]; th [REDACTED]; [REDACTED]; Kate.Lennox [REDACTED]; Melissa.Patch [REDACTED]; u; Neil Roberts; scott.chandler [REDACTED]; tim.mulherin [REDACTED]; Zac Skyring; Neil Roberts; Owen Sadler (ADF); Patrick Byrne; Paul Lucas; PCC State Duty Officer; Peta Robertson; QPS Media; hahn.richard [REDACTED]; Scott Chandler; Shane Chelepy; Tim Mulherin; Trevor VanDam; Warren Bridson; Zachary Skyring; Alistair Daw [REDACTED]; Bruce Gunn; Carolyn Parsons; Craig Bartlett [REDACTED]; an (DIP); Disaster Coordination; Don Ble [REDACTED]; am.atkins [REDACTED]; Dunn (ADF JOSS); Irina Stankovska; Jackie Mooney [REDACTED]; Jeff Shelberg; John Cawcutt; john.rossite [REDACTED]; Justin Fitzgerald; ksullivan [REDACTED]; Boyle Michael; Michael Dart; Michael Dickinson; Michael Petic; Michael Shapland; Neville.MOC [REDACTED]; noel.gillard [REDACTED]; norm.arche [REDACTED]; Patrick Byrne; patrick [REDACTED]; Paul Adcock; Peta Robertson; Allen Peter; QAS R5 South East [REDACTED]; Dunn; phil.carnel [REDACTED]; Phil Nickerson; russellhoward [REDACTED]; sbartlett [REDACTED]; State DC Group; trevor.dani [REDACTED]; Trevor Leverington; Warren Bridson; Aaron Groves; Anila.R.Fredericks [REDACTED]; Bernard Trembath; Bill Date; Conrad Adams; Daniel Altoft; Daniel Young; David Boulton; David Eastman; David Hermann; J.Davidson [REDACTED]; john.g.wright [REDACTED]; john.trembath; john.rossite [REDACTED]; Irata [REDACTED]; Michael Dart; Michael Franks; Paul D [REDACTED]; Schwartz Robert; Scott Leonard; Sean Kenny; Steve Waddell; bette kill acting DG till 24 Jan 11; Bob Atkinson (QPS); pointing.brett [REDACTED]; Bruce Grady; Colonel Luke Foster; David Stewart (DTMR); Deb Watkins SDMG QPS; Gerard Bradley (Treasury); Graeme Newton (DIP); greg.hallan [REDACTED]; Ian.fletcher [REDACTED]; Jeannette Young; Jim McGowan; Bradley John; Julie Grantham (DET); Ken Smith (DPC); Linda Apelt (DoC); Mal Grierson (DPW); Mick Reid [REDACTED]; Natalie.MacDonald acting DG [REDACTED]; Philip Reed; cc [REDACTED]; DisasterManagement [REDACTED]; Adam Shortm [REDACTED]; drew.Somerville; bette kill; Kelly Bob; Brett Harrison; pointing.brett [REDACTED]; Bruce Grady; Chris Broomfield; CIS Health; Colonel Luke Foster; corinne.mulholland [REDACTED]; David Smith; DCS Media; Best Debbie; Desley Boyle; EMQ Regional Directors; floodrecoverytaskforce [REDACTED]; Gavin Trembath; Gerard Rabelink; GIS Operations; Grant Cassar (ADF); Greg Eustace; Harry.VENMANS [REDACTED]; Iain Macculloch (EMQ Kedron); Iain MacKenzie; Ian Fletcher; Ian Mitchell; Ian Stewart (QPS); Ian Jennings; Jade Thompson; Jayne Barnes (QAS); Jeff Cheadle; Jim McGowan; John Gaskin.com.au; Ryan John; Joshua O'Keefe; Kate van Poelgeest; Kathy Brown; Ken Smith; Kimberley Gardiner; Kirsten Roos; Lance McCallum; Lee Johnson; Leo McNamara; Liam Ferney; Mark Dole; Mark Roche (QFRS); Mark Symons; Max Smith publicworks; Meg Frisby; Melissa Patch; Michael Hahn (ADF); Michael Kinnane; Natalie MACDONALD publicworks; Neil Roberts [REDACTED]; Owen Sadler (ADF); Patrick Byrne; Paul Lucas; Paul Hobbs; Paul Lucas; Pauline Evans; Peta Robertson; Peter Cahill; Peter Twomey; Peter Warren; Peter Willett (AG); Artemien Peter; QPS Media; Rai Whitten; hahn.richard [REDACTED]; Robbie Medlin; Robert Bundy; Rodney Walz; Sarah Abbott; SDCC Kedron; SDCCOPS; SES Deployments; SES Vic DO; Shane Chelepy; Shane Wood; SHECC; socc; socc; Susan Grantham; Tim Wiebusch Vic SES; Tracey Rees; Trevor VanDam; Warren Bridson; Yolana Cowan; B Hanbridge; Brett pointing; pointing.brett [REDACTED]; codd.brian [REDACTED]; ddc.bundaberg [REDACTED]; DDC.Cairns [REDACTED]; u; DDC.Charleville [REDACTED]; u; DDC.Dalby [REDACTED]; C.Gladstone [REDACTED]; DDC.Gold Coast [REDACTED]; u; DDC [REDACTED]; au; DDC.I [REDACTED]; al [REDACTED]; DDC.Longreach [REDACTED]; DDC.Mackay [REDACTED]; DDC.mareeba [REDACTED]; u; DDC.Maryborough [REDACTED]; DDC.Redcliffe [REDACTED]; DDC.Rockhampton; DDC.Roma [REDACTED]; DDC.Sunshine Coast; DDC.Toowoomba [REDACTED]; u; DDC.Townsville [REDACTED]; u; powers.noel [REDACTED]; DDC.Warwick [REDACTED]; DDC.Brisbane [REDACTED]; DDC.Mountisa [REDACTED]; henderson.andrew [REDACTED]; Peter Martin; Alistair Dawson; Brad Smith; Brent Reeman; Brian Cood; Bruce Grady; Anderson Danielle; ddc.bundaberg [REDACTED]; DDC.Dalby [REDACTED]; DDC.Gladstone [REDACTED]; DDC.Ro [REDACTED]; Roma [REDACTED]; Disaster Management; Don Bletchly; Eddie Peters; Glen Knights; Graham Robert; Greg Hoffman; Hugh O'Brien; Ian Fletcher; Ian Jennings; Jackie Mooney [REDACTED]; John; John Gardiner; Kerry Kelly; M Goodwin; Mark Carpenter; Max Smith; Michael Kinnane; noel.gillard [REDACTED]; u; Paul Dimech; Peta Robertson; phil.carnel [REDACTED]; u; Redcross; hahn.richard [REDACTED]; Trevor Leverington; Wally Kearnan; Warren Bridson

**Subject:** QEMR as at 05:00 Saturday 08 January 2011

Good Morning,

**DEPARTMENT OF COMMUNITY SAFETY**  
**Daily Queensland Emergency Management Report**  
**as at 5:00am Saturday 08 January 2011**

**SIGNIFICANT INFORMATION**

- The Prime Minister will visit St George and Rockhampton today 08/01/11
- The Governor-General visited Condamine and Chinchilla yesterday 07/01/11
- The State Opposition Leader is flying from Brisbane to St George today and has space available for passengers or cargo, wheels up at 0900. Please contact Warren Bridson if you become aware of anything that can be transported on this flight
- River levels are rising slowly at St George, steady at Rockhampton, falling slowly at Surat
- There are 3720 registered evacuees (total number of persons registered on NRIS) as of 1500 07/01/11
- The following locations are currently inundated or impacted by flooding:
  - Theodore
  - Rockhampton
  - Emerald
  - Rolleston
  - Roma
  - St George
  - Surat
- Dirranbandi, Thallon and Hebel are preparing for inundation
- Theodore, Rolleston, Meandarra, Dirranbandi and Hebel are currently cut off
- Across the state, there are 267 houses inundated with water over floorboards, 3932 with water in yards; 835 houses have been evacuated with 1835 people evacuated. There are approximately 254 businesses affected
- There are a total of 6 evacuation centres operating across the state; at last count (15:00 07/01/11) there were 609 people in evacuation centres located at Moura, Rockhampton Emerald, Chinchilla, Dalby and St George
- A total of 6 disaster situations have been declared
- Channel 9 is planning a live telethon on Sunday night (6.30-8.30 local time) to screen nationally to raise money for the flood appeal. Discussions are currently underway with SSQ regarding using the QG phone number & call centre.
- 15 SES volunteers from New Zealand will be deployed to Condamine on 08/01/11
- Overnight residents of 2 houses at Kilkivan were evacuated after heavy rainfall caused very rapid rises in the Wide Bay Creek (Mary River catchment).

**Major Highway Closures (as at 03:40am 08 January 2011)**

- Bruce Highway - north of Gladstone
- Leichardt Highway - north of Wandoan
- Fitzroy Development Rd - north of Taroom
- Dawson Highway - Calliope to Springsure
- Canarvon Highway - north of Injune
- Warrego Highway - west of Dalby
- Moonee Highway - west of Moonee
- Barwon Highway - west of Goondiwindi
- The BoM advise that it is likely that the Bruce Highway will be cut at Gympie this morning due to flooding in the Mary River.

**WEATHER OBSERVATIONS**

**Warnings**

- **A Severe Weather Warning** remains current for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation, for people in the Southeast Coast and the Wide Bay and Burnett districts.  
Heavy rain and isolated thunderstorms are currently occurring about the southern Wide Bay and Burnett district and are forecast to develop about the Sunshine Coast during Saturday morning, and remaining parts of the Southeast Coast district on Saturday afternoon. Heavy rain may lead to localised flash flooding and/or worsen existing river flooding. Recent events: Rainfall of up to 220mm over the Mary River catchment since 9am Friday has caused rapid river rises there.
- **Flood Warnings** are current for the following rivers:
  - **Mary River:** Heavy rainfall continues to fall across the lower Mary catchment below the Gympie area, where rainfall totals between 150-180mm have been recorded since 9am Friday. Fast river rises and moderate to major flooding are occurring along the Mary River between Gympie and Tiaro during Saturday morning, with minor flooding rising downstream at Maryborough.  
River levels downstream at Maryborough are currently at the level of the Lamington Bridge with further rises expected as upstream floodwaters arrive. Rises to above 6 metres are expected during Saturday morning with rises above 7 metres possible later in the weekend. Further heavy rainfall is forecast to continue during Saturday, which is likely to result in higher levels. The situation will continue to be monitored closely.
  - **Brisbane River above Wivenhoe:** Renewed rises and minor to moderate flooding are occurring in Gregor and Cressbrook Creeks, with major flooding occurring along the Brisbane River between Linville and Devon Hills. Further rainfall is forecast for the

catchment during Saturday which may produce further renewed river level rises.

- **Burnett River:** Moderate to heavy rainfall continued in the Burnett River catchment during Friday evening. Minor to moderate flooding continues in the Burnett River catchment. Major flooding is rising in Barker Creek at Glenmore and in Barambah Creek at Litzows. Further rainfall is forecast for Saturday throughout the catchment with moderate to heavy falls possible. Minor to moderate flooding extends along the Lower Burnett River from the Gayndah area to Walla with further small rises expected overnight Friday. Flood levels at Bundaberg are expected to remain below the minor flood level of 3.5 metres but further rainfall is forecast and the situation will continue to be monitored.
- **Condamine and Balonne Rivers:** Moderate to major flooding extends along the Condamine and Balonne River system. The main flood peak is currently in the Balonne River downstream of Weribone in the Barrackdale area. Further rainfall is forecast for the Condamine catchment during Saturday. Major flood levels are expected to continue rising on the Balonne River at St George into the weekend reaching 13.4 metres during Saturday. A major flood peak lower than 14 metres is expected at St George late in the weekend. For comparison, the March 2010 flood peak was 13.4 metres. Flood levels will remain high (above 13 metres) until mid next week. Creek levels at Dalby continue to ease with the situation being closely monitored.
- **Fitzroy River Basin:** Moderate to major flooding continues along the Dawson, Comet, Mackenzie and Fitzroy Rivers. The Fitzroy River at Rockhampton has remained steady at about 9.15 metres during Friday following a peak of 9.2 metres on Wednesday. Levels will fall very slowly through the weekend with little change expected. Rockhampton river levels are expected to remain above 8.5 metres (major) until late next week. Minor flood levels in the upper Dawson River at Taroom are nearing a peak. Renewed rises have commenced downstream in the Glebe area. Downstream at Theodore, Moura and Baralaba, levels will continue to fall into the weekend before renewed rises and minor flooding during next week. These renewed rises will remain well below the recent high level flood peaks.
- **Lockyer and Warrill Creeks:** Some small renewed rises and minor to moderate flooding is occurring along Lockyer and Warrill Creeks. River rises are also occurring in the Bremer River where minor flooding continues. The rainfall has continued to ease which is expected to result in stream levels to commence to ease.
- **Thomson and Barcoo Rivers, and Cooper Creek:** Minor flooding continues in the Thomson River between Muttaborra and Jundah. Minor to moderate flooding is easing on the Barcoo River between Isisford and Glenlock. Major flooding has now peaked on the Barcoo River at Retreat. Major flooding is rising slowly on the Cooper Creek at Windorah. River levels at Windorah are expected to peak in the next 1 to 2 days.
- **Moonie River:** Minor to major flooding is occurring in the Moonie River between Southwood and Thallon. The flood is now downstream of Nindigully. Small, renewed rises are expected between Southwood and Flinton over the weekend with minor flood levels continuing. Major flood levels are expected to continue downstream of Nindigully to Thallon and Fenton on Saturday and Sunday. Flood levels are expected to be similar to the 1988 flood.
- **Weir and McIntyre Rivers:** Minor to moderate flooding continues in the lower Weir River between Hartman Bridge and Jericho, with the flood peak currently downstream of Surrey. Minor flooding is falling in the O'Connor area. Minor to major flooding continues in the Macintyre Brook and Dumaresq catchments. Moderate to major flooding is forecast along the lower Macintyre River between New Kildonan and Goondiwindi during the weekend. At Goondiwindi, major flood levels of above 9 metres are expected with a peak likely early on Sunday.

#### Rainfall

- In the period since 09.00am Friday significant rainfall was recorded at several places including:
 

|                                  |       |
|----------------------------------|-------|
| • Mt Kanigan (NE of Gympie)      | 236mm |
| • Marodian (NE of Gympie)        | 223mm |
| • Brooyar (NE of Gympie)         | 182mm |
| • Gympie                         | 98mm  |
| • Black Swamp (N of Maryborough) | 117mm |
| • Maryborough                    | 97mm  |
| •                                |       |

#### Weather Outlook

- A weak monsoonal trough is located over Cape York Peninsula. An upper level low near the Capricornia coast is expected to move offshore overnight and remain offshore on Saturday. A surface trough lying off the Fraser Coast will remain slow moving.
- Rain areas over southeastern districts with possible moderate to heavy falls about the eastern Wide Bay and Southeast Coast districts. Isolated showers and afternoon thunderstorms over the southeast interior, easing to showers over the remaining southern and eastern interior. Scattered showers and thunderstorms over the tropics and northwest. Fine over central and southwest parts. Light to moderate W to NW winds across the tropics. Light to moderate SE to NE winds about the remaining east coast, tending fresh to strong about the southeast. Light to moderate E to SE winds inland.

#### SES 132 500 CALLS

- 718 calls were made to SES 132 500 in the period since 05.00am Friday. These included:
 

|               |    |
|---------------|----|
| • Brisbane    | 88 |
| • Rockhampton | 48 |
| • Noosa       | 41 |
| • Cooloola    | 41 |
| • Bundaberg   | 34 |
| • Toowoomba   | 33 |
| • Logan       | 31 |
| • Redlands    | 30 |

#### MEDIA

- *ABC News Online reports:* The Balonne River in the southern Queensland town of St George has become a raging torrent as residents brace for their second record flood in 10 months. The weather bureau expects the river to surpass last year's 13.4-metre record today and continue rising on Sunday, but it is not predicted to surpass 14 metres. Authorities predict the river will inundate around 30 homes. Power has been turned off to more homes in the area and another 10,000 sandbags are being filled. <http://www.abc.net.au/news/stories/2011/01/07/3108638.htm>
- *The Courier Mail reports:* THE man charged with leading the rebuilding of flood-ravaged Queensland has conceded it will take years for some regions to fully recover. But Major-General Mick Slater said the group tasked with a massive effort expected to cost more than \$5 billion would not seek "short-term, temporary fixes". And he said the future was about the people, not the water. <http://www.couriermail.com.au/news/recovery-chief-describes-region-as-tropical-islands-as-seven-olympic-pools-of-water-rush-through-rocky-every-second/story-e6f9e0n6-1225983599240>
- *The Brisbane Times reports:* Dorothy Eather will never see the war-like destruction that a record flood has wreaked on her Condamine home, west of Brisbane. The 67-year-old cannot bear to return to the house she has lived in for 40 years after a torrent of water whipped through it, turning everything below 1.5 metres into a muddied mess. After being allowed to return for the first time in a week, her family began the mammoth task of emptying the entire house yesterday. <http://www.brisbanetimes.com.au/environment/weather/a-towns-heartbreak-as-residents-return-20110107-19ip1.html>
- *The Rockhampton Morning Bulletin reports:* ROCKY'S links to the south and west – the Capricorn and Bruce Highways and the city's airport – are likely to remain closed until at least January 15 or 16. Prime Minister Julia Gillard will be in Rocky today to see for herself the sheer volume of water coming down the Fitzroy River. Although the flood level has peaked, the river shows no sign of falling and the Local Disaster Management Group is warning that it could be weeks before some evacuees are able to return to their homes. Mayor Brad Carter said yesterday residents would not be able to get back into their houses to start cleaning up until authorities deemed it safe. <http://www.themorningbulletin.com.au/story/2011/01/08/rockhampton-flood-cut-off-one-more-week/>
- *The Gympie Times reports:* GYMPIE Regional Council has issued a list of roads known to be flooded and impassable as at 5pm yesterday. It also warns motorists to be careful on the roads, as weather conditions can alter water heights suddenly between updates. <http://www.gympietimes.com.au/story/2011/01/08/flash-flooding-closes-regions-roads-gympie/>
- The Cairns Post reports: THERE are calls for an overhaul of how emergency weather warnings are issued in the wake of cyclone Tasha sneaking up on the Far Northern coast on Christmas Day. And the result may be a colour-coded warning system to complement the existing cyclone watch and warnings issued by the weather bureau. Both the State Government and the weather bureau have committed to reviewing how the public was notified of cyclone Tasha's sudden upgrade at 2am before it crossed the coast a few hours later, packing 100km/h wind gusts and heavy rain. [http://www.cairns.com.au/article/2010/12/29/142111\\_local-news.html](http://www.cairns.com.au/article/2010/12/29/142111_local-news.html)
- *The Toowoomba Chronicle reports:* PERSEVERANCE Dam reached full capacity yesterday afternoon, as water flowed over the spillway for the first time in almost 10 years. Significant rainfall yesterday pushed the level from 97 per cent in the morning to overflowing by 2pm. The last time Perseverance Dam reached spill point was in February, 2001. <http://www.thechronicle.com.au/story/2011/01/08/perseverance-dam-full-capacity-overflow-flood/>

Regards

Karen Fasano  
Watch Desk Officer  
State Disaster Coordination Centre

[REDACTED]



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**From:** Pauline Evans [REDACTED] on behalf of SDCC [REDACTED]

**Sent:** Monday, 10 January 2011 5:08 AM

**To:** Aaron Groves; A [REDACTED]; David.Herman [REDACTED]; J.Davidson [REDACTED]; John.g.wright [REDACTED]; John.rossite [REDACTED]; Irat [REDACTED]; Michael Dart; Mike franks; Paul Dimech; hahn.richard [REDACTED]; Schwartz Robert; Scott Leonard; Sean Kenny; Steve Waddell; Alistair Dawson; Brad.Smith [REDACTED]; Bruce Gunn; Carolyn Parsons; Craig.Bartlett [REDACTED]; Disaster Coord [REDACTED]; chly; Fiona Ferrier; graha [REDACTED]; Greg Eustace Health; Ian [REDACTED]; Stankovska; Jackie.mooney [REDACTED]; Jeff.Shelberg [REDACTED]; John.Cawcutt (jcawcutt [REDACTED]; Justin Fitzgerald; ksullivan [REDACTED]; Boyle Michael; Michael Pecic; Michael.Shaplant [REDACTED]; Neville.MOC [REDACTED]; noel.gillard [REDACTED]; norm.archie [REDACTED]; Patrick Byrne; patrick.j.quirn [REDACTED]; Paul.Adc [REDACTED]; Peter Robertson; Allen Pete [REDACTED]; Phil.Nickerson [REDACTED]; russellhoward [REDACTED]; sbartlett [REDACTED]; DC Group; trevor.danr [REDACTED]; Trevor Leverington; Warren Bridson; Bette Kil acting DG till 24 Jan 11; Bob Atkinson (QPS); pointing.brett [REDACTED]; Bruce Grady; Colonel Luke Foster; David Stewart (DTMR); Deb Watkins SDMG QPS; Gerard Bradley (Treasury); Graeme Newton (DIP); greg.hallan [REDACTED]; Ian.fletche [REDACTED]; Jeannette Young; Jim McGowan; Bradley John; Julie Grantham (DET); Ken Smith (DPC); Linda Apelt (DoC); Mal Grierson (DPW); Mick Reid [REDACTED]; Natalie.MacDonald acting DG DPW till 18 Jan [REDACTED]; DisasterManagement [REDACTED]; Adam Shortman; Andrew Somerville; Reilly Bob; Broomfield; CIS Health; corinne.mulholland [REDACTED]; David.Smith; DCS Media; Best Debbie; Desley Boyle; EMQ Regional Directors; floodrecoverytaskforce [REDACTED]; Gavin Trembath; Gerard Rabelink; GIS Operations; Grant Cassar (ADF); Harry.VENMANS [REDACTED]; Iain Macculloch (EMQ Kedron); Iain MacKenzie; Ian Mitchell; Ian Stewart (QPS); Ian.Jennings; Jade.Thompson; Jayne Barnes (QAS); Jeff Cheadle; John Gaskin.com.au; Ryan John; Joshua O'Keefe; Kate van Poelgeest; Kathy Brown; Kimberley gardiner; Kirsten Roos; Lance McCallum; Lee Johnson; Leo McNamara; Liam Ferney; Mark Dole; Mark Roche (QFRS); Mark Symons; Max Smith publicworks; Meg Frisby; Melissa Patch; Michael Hahn (ADF); Michael.Kinnane; Neil.Roberts [REDACTED]; Owen Sadler (ADF); Paul Lucas; Paul Hobbs; Paul Lucas; Pauline Evans; Peter Cahill; Peter Twomey; Peter Warrner; Peter Willett (AG); Artemieff Peter; QPS Media; Rai Wh [REDACTED]; Robert Bu [REDACTED]; z; Roger Lye; Sarah Abbott; SDCC Kedron; SDCCINT; SDCCOPS; SES Deployments; SES Vic DO; Shane Chele SHECC; shed [REDACTED]; socc; socc [REDACTED]; Susan Grantham; Tim Wiebusch Vic SES; Tracey Rees; Trevor VanDam; B Hanbidge; Brett pointing; codd.brian [REDACTED]; ddc.bundaberg [REDACTED]; DDC.Cairns [REDACTED]; DDC.Charleville [REDACTED]; DDC.Dalby [REDACTED]; DDC.Gladstone [REDACTED]; DDC.Gold Coast; DDC.Gympie [REDACTED]; DDC.Innisfail [REDACTED]; Ipswich; DDC.Lo [REDACTED]; DDC.Longreach [REDACTED]; kat [REDACTED]; DDC.mareeba [REDACTED]; DC.Maryborough [REDACTED]; DDC.Redcliffe [REDACTED]; DDC.Rockha [REDACTED]; a; DDC.Coast; DDC.Toowoomba [REDACTED]; DDC.Townsville [REDACTED]; powers.noel [REDACTED]; DDC.Warwick [REDACTED]; DDC.Brisbane [REDACTED]; DDC.Mountsa [REDACTED]; Henderson.andrew [REDACTED]; Peter Martin; Andrew Goodman; betty kiernan; karen.moss [REDACTED]; Kate Lennox, PCC State Duty Officer; Scott Chandler; Tim Mulhern; Zachary Skyring; Alyce Valentine; Andrea Dawson; Brodie Bott; Chantelle Rule; Elizabeth Buckler; Hayley Gillespie; Helen Ainsworth; Lisa Grundy; Michael Franks; Tamari Nair; Troy Davies

**Subject:** QEMR as at 05:00am Monday 10 January 2011

**DEPARTMENT OF COMMUNITY SAFETY**  
**Daily Queensland Emergency Management Report**  
**as at 5:00am Monday 10 January 2011**

**SIGNIFICANT INFORMATION**

- An Emergency Alert message was sent to residents at Dalby at 10.35pm last night after flooding of the Myall Creek. The Evacuation Centre at the Agricultural College was prepared to receive evacuees.
- 15 houses at Toogoolawah were evacuated overnight and 40 people relocated to the RSL hall. Water continued to rise in the town overnight.
- 6 houses have evacuated at Jondaryan; 5 or 6 people self-evacuated to community hall while others have self-evacuated to family or friends.
- TMR advised that the Warrego Highway is closed north and west at Jondaryan.
- Lockyer Valley SES evacuated one person for medical reasons in Grantham, 100kms west of Brisbane.
- Both 132500 calls and the 1800 (Channel 9) flood appeal hot line were routed through SSQ overnight. During the broadcast of the appeal, higher than normal volume of calls were received and this impacted on the calls for assistance getting through to 132500.
- BOM reported major flood levels in the Mary River catchment, between the Bellbird Creek junction and Moy Pocket and in Yabba Creek at Imbil and of the lower Mary River between Miva and Tiaro.
- At 10pm Sunday, BOM reported that the Mary River at Gympie was 14.5 metres and is expected to reach 19 metres by Monday afternoon.
- Mary River peaked at Maryborough midday Sunday at 8.2 metres. Rainfall in the catchment area is not expected to impact for some days.
- Major flood peak for lower Burnett River at Walla, predicted to be 12.5 metres overnight.
- Bruce Highway at King John Creek (north and southbound, north of the Caboolture/Bribie turn off) shut (as at 2000hrs 9-1-11) – detours are arranged.
- The Moreton Regional Council has established an operations centre at the Caboolture Council Depot.
- The Balonne River at St George remained steady at 13.2 metres yesterday.
- Durrumbidgee, Thallon and Hebel continue to prepare for inundation.
- Burnett River at Bundaberg anticipated to peak at 4 metres with noon high tide on Monday.
- There were 3,887 registered evacuees (total number of persons registered with Red Cross) as at 02:00 hours, Monday 10 January 2011.
- Evacuation Centres are being managed in Moura (for evacuated Theodore residents), Emerald, Dalby (including for Condamine residents), St George and Rockhampton.
- A total of 6 disaster situations have been declared.

**Major Highway Closures (as at 0300hrs on 10-1-11)**

- Warrego Highway closed north and west at Jondaryan, between Toowoomba and Dalby.
- Cunningham Highway is open.
- Bruce Highway north of Caboolture (with detours)
- Barwon Highway - west of Goondiwindi
- Bruce Highway - north of Gladstone
- Bruce Highway - south of Gympie
- Carnarvon Highway - north of Injune
- Dawson Highway - Calliope to Springsure
- Fitzroy Development Rd - north of Taroom
- Leichardt Highway - north of Wandoan
- Moonee Highway - west of Moonee

**WEATHER OBSERVATIONS**

**Warnings**

- A Severe Weather Warning** remains current for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation, for people in the Southeast Coast and southern parts of the Wide Bay and Burnett, and eastern Darling Downs and Granite Belt District.
- Flood Warnings** are current for the following rivers:
  - Mary River:** Fast rises and major flooding are rising between the Bellbird Creek junction and Moy Pocket and in Yabba Creek at Imbil. Renewed rises are being recorded at Gympie with major flood levels expected during Monday. In the lower Mary River, major flooding continues between Miva and the Barrage with moderate flood levels easing in the Mary River at Maryborough.
  - Brisbane River above Wivenhoe:** Major flooding has developed in Cooyar and Cressbrook Creeks and in the Upper Brisbane River from Linville downstream to Gregor Creek. Further rises and high level major flooding are possible into Monday. Major flood levels are continuing to rise in the Stanley River at Peachester and Woodford. Further rises and high level major flooding are possible during Sunday and into Monday. Further rises and flooding are also possible in Kilcoy Creek during the next 24 hours.
  - Burnett River:** Moderate to major flooding continues along Barker and Barambah Creeks. A major flood peak was forecast for the lower Burnett River at Walla overnight Sunday. Minor flooding around 4 metres is possible at Bundaberg coinciding with the noon high tide on Monday.
  - Condamine and Balonne Rivers:** Major flooding has peaked at Clydesdale and levels have remained below minor at Moffatt. Rises continue at Dalby but flood levels are now expected to peak up to the moderate flood level of 3 metres by 8am Monday. Moderate to

major flooding extends along the Condamine and Balonne River system with major flooding extending from Warra-Kogan Road Bridge to Dirranbandi. Major flooding continues to fall slowly around Surat and Weribone. River levels in the area between Weribone and Barrackdale will be very slow to recede over the next few days. The river level at Warroo above Beardmore Dam is also falling very slowly. At 9pm Sunday, the Balonne River at St George was 13.2 metres and holding at its peak which was reached during Saturday. Major flood levels will remain high (above 13 metres) during the next few days. High level major flooding is expected to continue in the Balonne River system downstream from St George to the NSW border throughout January. This includes the Bokhara, Culgoa, Balonne Minor and Narran Rivers and Ballandool Creek. The peak flow will be in the Dirranbandi area by mid-week and in the Hebel area later this week. Further heavy rain is forecast for the south east Darling Downs including the catchments of the Upper Condamine and Oakey Creek during Monday into Tuesday.

- **Fitzroy River Basin:** Major flooding continues along the lower Dawson and Fitzroy Rivers. The Fitzroy River at Rockhampton fell very slowly during Sunday and at noon was about 9.1 metres. Levels will fall very slowly this week and are expected to remain above 8.5 metres (major) until later this week. On the Dawson River, minor flooding continues between Taroomb and Moura. A small minor flood peak is moving down the Dawson River and is currently approaching Theodore. Major flood levels between Baralaba to Knebworth are expected to drop quickly over the next 48 hours.
- **Lockyer and Warill Creeks:** Stream level rises causing moderate to major flooding are being recorded in Lockyer Creek upstream of Gatton and in the Bremer River in the Rosewood area. Further heavy rainfall is forecast for the catchments of the Bremer River and Warill and Lockyer Creeks during Monday.
- **Thomson and Barcoo Rivers, and Cooper Creek:** Major flooding is easing along the Cooper Creek at Windorah. Minor flooding continues to ease in the Thomson River between Camoola Park and Jundah. Minor to moderate flooding will continue to fall along the Barcoo River between Glenlock and Retreat.
- **Moonie River:** Minor to major flooding is occurring in the Moonie River between Southwood and Fenton. The flood peak is now downstream of Thallon. Renewed rises are expected between Southwood and Flinton today and Monday with minor flood levels continuing.
- **Weir and McIntyre Rivers:** Minor to moderate flooding continues in the lower Weir River between Surrey and Jericho, with the flood peak currently approaching Jericho.
- **Coastal Streams Maryborough – NSW Border:** Minor flood levels are easing in the Caboolture River at Caboolture. Renewed rises are still possible in the Caboolture and Pine River catchments during Monday. Minor flooding is easing in Woogaroo Creek at Opossum. Heavy rainfall and flash flooding are possible in the Brisbane and Ipswich metropolitan creeks during Monday. Flood warnings are current for the Mary River, Sunshine Coast streams and the Upper Brisbane and Lower Brisbane rivers. A severe weather warning is also current for this region.
- **Sunshine Coast Rivers** - Major flood levels are slowly falling in the North Maroochy River at Eumundi. Major flood levels are steady in the Mooloolah River at Jordon Street.

#### Rainfall

- In the period since 09.00am Sunday significant rainfall was recorded at several places, especially across the Brisbane and the North Coast Region. These included:

|                 |       |
|-----------------|-------|
| • Maleny        | 281mm |
| • Bald Knob     | 250mm |
| • Landsborough  | 243mm |
| • Boat Mountain | 204mm |
| • Mt Mee        | 194mm |
| • Eumundi       | 184mm |
| • Noosa Heads   | 173mm |
| • Toogoolawah   | 166mm |
| • Mt Glorious   | 160mm |
| • Caboolture    | 131mm |

#### Weather Outlook

- The monsoon trough extends over the northern tropics and is expected to shift south today. An upper level low lies over the southern Capricornia district and is expected to drift slowly west southwest today. A surface trough lies near the southern Queensland coast and is expected to move inland today.
- Rain areas and thunderstorms over southeastern districts and the Maranoa, with heavy falls about the Southeast Coast, far southern Wide Bay and Burnett, eastern Darling Downs and Granite Belt districts [a Severe Weather Warning is current]. Showers and isolated thunderstorms elsewhere, more widespread with rain areas over the northern tropics. Moderate SE to NE winds in the south, tending fresh and gusty in the southeast. Moderate to fresh W to NW winds in the far north. Light winds elsewhere.

#### SES 132 500 CALLS

- 3922 calls were made to SES 132 500 in the period since 05.00am Sunday. These included:
  - Maroochy 628
  - Toowoomba 523
  - Caboolture 238
  - Cooloola 234
  - Brisbane 190

#### MEDIA

*Courier Mail Reports:* The support was so massive that more than 12,000 calls within the first minute forced the phone system to crash, initially delaying calls to the two designated Flood Relief Appeal call centres at Zillmere and Mount Gravatt. A Channel 9 spokesman said 182 phone lines were available at the two centres, with a queue of 800 initially figured in. <http://www.couriermail.com.au/news/deluge-of-donations-as-8m-in-pledges-pours-in-at-telethon-event-for-flood-victims/story-e6f9e0n6-1225984674268>

*ABC News Online reports:* South-east Queensland is bearing the brunt of torrential rains as the state's flood crisis continues. The region, including Brisbane, is now on high alert for flooding with more heavy rain expected Monday. Emergency services say people should be prepared for wild weather. Maryborough, the Sunshine Coast and surrounding areas are already flooding, while south of Bundaberg the town of Pine Creek is cut off. Gympie is also isolated by floodwaters. Power is being cut in Gympie's CBD as a safety precaution - with the Mary River expected to reach around 17 metres this morning. <http://www.abc.net.au/news/stories/2011/01/09/3109251.htm?site=sunshine>

The Gympie Times reports: ACTING Gympie Regional Mayor Tony Perrett and chairperson of the Local Disaster Management Group urged Mary Street business people to be vigilant as the flood threat increased in Gympie today. He warned business people the current flood height prediction of 17.4 metres was calculated on rain that had fallen in Mary catchment as of 1.55pm Sunday. "Any extra rain that falls over night will add to the flood threat," Cr Perrett said. "We could have another 18 hours of rain," he said. He asked people to keep an eye on the Bureau of Meteorology website and make their own decision about evacuating their shops. <http://www.gympietimes.com.au/story/2011/01/09/extra-rain-will-increase-threat/>

*Rockhampton Bulletin reports:* ROCKHAMPTON Regional Mayor Brad Carter says the full extent of damage to the region's economy and infrastructure won't be known until the flooding recedes. At 3pm yesterday the Fitzroy River's height was 9.10m at Rockhampton and holding steady according to the Bureau of Meteorology. Cr Carter told a press conference yesterday morning that the grazing and cotton industries had taken a "significant hit" and the council had no idea of the cost to infrastructure "at this stage". <http://www.themorningbulletin.com.au/story/2011/01/10/damage-cannot-yet-be-gauged/>

*Rockhampton Bulletin reports:* EMERALD residents are returning to their homes and counting the cost of the devastating floodwaters that ripped through the town. Central Highlands region Mayor Peter Maguire said tens of millions of dollars worth of damage had been done to the town. Cr Maguire said the town was in the recovery phase and his focus was on trying to help people get their lives back to normal. <http://www.themorningbulletin.com.au/story/2011/01/10/emerald-is-in-recovery-phase-but-cost-is-high/>

Pauline Evans  
Watch Desk Officer  
State Disaster Coordination Centre  
Emergency Management Queensland  
Telephone (07) 3247 8943 (24 hours)  
Fax [REDACTED]  
Mobile [REDACTED]

email - [REDACTED]

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All reasonable precautions will be taken to respect the privacy of individuals in accordance with the Information Privacy Act 2009 (Qld). Details on how per

**From:** Zubrinich Robert  
**Sent:** Wednesday, 12 January 2011 7:49 AM  
**To:** Birchley Michael; Boyle Michael; Cook Clive; DERM EMG; Lenz Anne; Moody Annie; Pearce Martin; Shirreffs Leslie; Short Michael  
**Cc:** Mich aels Paul  
**Subject:** Queensland Emergency Management Report as at 5am  
**Attachments:** QEMR 0500 sitrep 120111.pdf

Folks

FYI - I'll bring copies to the 8.30 meeting.

Yours  
 Rob Zubrinich  
 A/Director, Executive and Administration Services  
 Tel: ( [REDACTED] )  
 Facsimile: [REDACTED]  
 e.mail: [REDACTED]  
[www.derm.qld.gov.au](http://www.derm.qld.gov.au)  
 Department of Environment and Resource Management  
 400 George Street, Brisbane Q 4001  
 GPO Box 2454, Brisbane Q 4001

*Nominations for the 2011 Premier's ClimateSmart Sustainability Awards, which recognise Queenslanders who are ClimateSmart champions achieving excellence in sustainability, are open until **Friday 4 March 2011**. For more information on how to enter visit [www.derm.qld.gov.au/premiersawards](http://www.derm.qld.gov.au/premiersawards)*

---

**From:** Michaels Paul  
**Sent:** Wednesday, 12 January 2011 6:38 AM  
**To:** Zubrinich Robert  
**Cc:** Wall Terry; Brown Damien; Waters Kerry; media  
**Subject:**


Rob,

Attached is the latest Queensland Emergency Management Report as at 5am (apologies if you have already received this) . Could you please distribute to DERM Disaster Management Group.

Can you advise is there is an 8.30 conference (I will be available for a teleconference).

Also for advice of DERM DMG, media services will be operating via remote access - we have four officers on line - myself, Kieran Lewis, Trent Pardey and Megan Lutz.

Paul Michaels  
 Director, Media Services  
 Client Communications and Information  
 Department of Environment and Resource Management  
 Phone: [REDACTED]  
 email: [REDACTED]

  
**From:** Wall Terry  
**Sent:** Tuesday, 11 January 2011 6:57 AM  
**To:** Best Debbie  
**Subject:** RE: Getting technical report

Thanks

Does that equate to the 170,000ml per day in the media> Any advice on when they will go to 4000 mentioned in brief yesterday?

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

**From:** Best Debbie  
**Sent:** Tuesday, 11 January 2011 6:55 AM  
**To:** Wall Terry  
**Subject:** Getting technical report

Dan is sending more info. It was as I said at 74 those valves start going and they lose control of the releases. They r currently releasing 2,750 cm/sec



[REDACTED]

---

**From:** Dan Spiller [REDACTED]  
**Sent:** Tuesday, 11 January 2011 7:35 AM  
**To:** Best Debbie; Wall Terry  
**Subject:** Re: Getting technical report

Terry,

We are doing about 240,000 ML/day from the dam (2,750 cumecs). The remaining 1,250 cumecs is an allowance for other flows. Lockyer flows may exceed this allowance, but BoM is revising it's advice.

I am on [REDACTED] if you need more.

Dan

On 11/01/2011, at 7:21 AM, "Best Debbie" <[REDACTED]> wrote:

>  
>  
> ----- Original Message -----  
> From: Wall Terry  
> To: Best Debbie  
> Sent: Tue Jan 11 06:57:08 2011  
> Subject: RE: Getting technical report  
>  
> Thanks  
>  
> Does that equate to the 170,000ml per day in the media> Any advice on when they  
will go to 4000 mentioned in brief yesterday?  
>  
> -----Original Message-----  
> From: Best Debbie  
> Sent: Tuesday, 11 January 2011 6:55 AM  
> To: Wall Terry  
> Subject: Getting technical report  
>  
> Dan is sending more info. It was as I said at 74 those valves start  
> going and they lose control of the releases. Theu r currently  
> releasing 2,750 cm/sec  
>  
>  
> +-----+  
> Think B4U Print  
> 1 ream of paper = 6% of a tree and 5.4kg CO2 in the atmosphere  
> 3 sheets of A4 paper = 1 litre of water  
> +-----+  
>

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**From:** Reilly Bob  
**Sent:** Wednesday, 12 January 2011 9:49 AM  
**To:** Best Debbie  
**Cc:** Lenz Anne  
**Subject:** RE: Just been advised min house

Hi Debbie

Dan is OK with the Wivenhoe release strategy now being pursued, but we will keep an eye on this matter.

The focus now shifts to drinking water availability for small communities in SEQ--a number will run out over the next 24 to 48 hours if access cannot be achieved. Dan is setting up a working group to focus on that issue, and Peter Artemieff will be a member on it.

There are also emerging drinking water quality issues with the most significant being Landers Shute which will run out of lime within 48 hours if resupply cannot be achieved (Around 40,000 people do not have an alternative drinking water supply so this is the most significant issue). I have been working with Dan in engaging EMQ to help solve this logistical issue. Dan is setting up a working group to focus on drinking water quality and Heather will be on that group.

I have asked Dan to let me know if there are any working groups that he would like me on. He is thinking about it. One option is for me to go up to the Linkwater offices there as an on-site DERM representative--perhaps from tomorrow onwards--you can only do so much over the phone and sometimes it is best to talk to Dan/Barry face to face on issues.

Please let me know what you would like me to do this or pursue some other approach.

Regards

Bob

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

From: Best Debbie  
Sent: Wednesday, 12 January 2011 9:32 AM  
To: Reilly Bob  
Subject: FW: Just been advised min house

Bob

I agree with your comments in the third paragraph. Please let me know how this progresses. I am also in regular contact with Dan and Barry.  
Debbie

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

From: Lenz Anne  
Sent: Wednesday, 12 January 2011 9:04 AM  
To: Birchley Michael; Brown Damien; Best Debbie  
Subject: Fw: Just been advised min house

Just fyi

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

From: Reilly Bob  
To: Lenz Anne  
Sent: Wed Jan 12 09:00:43 2011  
Subject: RE: Just been advised min house

Hi Anne

We will work remotely.

Heather/Toni will look after the drinking water issues through the 1300 number as we

would normally do on weekends any way.

Peter Artemieff will arrange for the water/sewerage update to be prepared daily as he has been doing (He will arrange for several of his staff to work with him on this).

Peter Allen will manage the dam safety issues. Now that Wivenhoe has 'peaked' the immediate issue is past. (We are comfortable with Seqwater's approach on the release strategies, but they could be communicating it better. We have given them several suggestions for actual wording which the last couple of updates reflect. Peter is talking to the external consultant that the Grid Mnager has engaged, and supplying him with what he needs)).

I am going to talk to the Grid Manager to make sure all the loose ends have been tied up, and will then go home. (I am also having problems with my Blackberry which we are endeavouring to rectify).

Regards

Bob

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

From: Lenz Anne  
Sent: Wednesday, 12 January 2011 8:43 AM  
To: Reilly Bob  
Subject: Just been advised min house

Has been closed, but if you have security access you can get in.

Do you want to relocate key staff to landcentre?

I am in emg now - will call you aftet

**From:** Rob Drury [REDACTED]  
**Sent:** Monday, 10 January 2011 1:28 AM  
**To:** spiller daniel @ SEQWGM; Dennien Barry @ SEQWGM; Lyons Michael @ SEQWGM; Media @ SEQWGM; Best Debbie; Denner Scott @ SEQWGM; Paul Bird; Stan Stevenson; Peter Borrows; Allen Peter  
**Subject:** Re: Technical Report W34

**Follow Up Flag:** Follow up

**Flag Status:** Completed

Since earlier discussions, further rain and local flooding have closed Mt Crosby and Fernvale bridges. Releases will now be ramped up overnight rather than tomorrow since these bridges are now closed and due to increasing inflows. Councils have been notified and are on site. Media messages in morning need to be adjusted accordingly. Rob

---

**From:** Dan Spiller <[REDACTED]>  
**To:** Rob Drury; Barry Dennien <[REDACTED]>; Michael Lyons <[REDACTED]>; SEQWGM Media <[REDACTED]>; Debbie Best <[REDACTED]>; Scott Denner <[REDACTED]>; Paul Bird; Stan Stevenson  
**Sent:** Sun Jan 09 21:27:23 2011  
**Subject:** FW: Technical Report W34

Technical report below.

Teleconference at 9.30.

Details are:

Phone: [REDACTED]

PIN: [REDACTED]

Regards,  
 Dan

---

**From:** Rob Drury [REDACTED]  
**Sent:** Sunday, January 09, 2011 9:18 PM  
**To:** Rob Drury; Dan Spiller  
**Cc:** Peter Borrows; Stan Stevenson; Mike Foster; Paul Bird; David Roberts; Arminda Roberts  
**Subject:** RE: Technical Report W34

See attached report W34.

Rob

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

 Seqwater\_No-Lifeguards-Here\_email\_strap

 cid:image001.png@01CA24E1.BD

Ph [REDACTED]  
 Wivenhoe Dam, Brisbane Valley Highway, via Fernvale Q4306 Australia

14/02/2012

PO Box 37, Fernvale QLD 4306  
Website | [www.seqwater.com.au](http://www.seqwater.com.au)

---

**From:** Rob Drury  
**Sent:** Sunday, 9 January 2011 7:26 AM  
**To:** Rob Drury; 'Dan Spiller'  
**Cc:** Peter Borrows; Stan Stevenson; Mike Foster; Paul Bird; David Roberts; Arminda Roberts  
**Subject:** RE: Technical Report W31

Please find attached Report W31.

Basically continuing releases to maintain 1600 cumecs total flow in the mid Brisbane but watching predicted rainfall as the strategy may change. Fernvale and Mt Crosby bridges still should be unaffected but does depend on what rain we get today or tomorrow.

Rob

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

 Seqwater\_No-Lifeguards-Here\_email\_strap

 cid:image001.png@01CA24E1.BD

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:** Rob Drury  
**Sent:** Saturday, 8 January 2011 7:46 AM  
**To:** Rob Drury; 'Dan Spiller'  
**Cc:** Peter Borrows; Stan Stevenson; Mike Foster; Paul Bird; David Roberts  
**Subject:** RE: Technical Report W31

Attached report number W31.

Rob

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

 Seqwater\_No-Lifeguards-Here\_email\_strap

 cid:image001.png@01CA24E1.BD

Ph [REDACTED]  
Wivenhoe Dam, Brisbane Valley Highway, via Fernvale Q4306 Australia  
PO Box 37, Fernvale QLD 4306

14/02/2012

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[REDACTED]

---

**From:** Lance McCallum [L [REDACTED]]  
**Sent:** Monday, 10 January 2011 12:26 PM  
**To:** Best Debbie  
**Subject:** RE: Wivenhoe Dam release strategy

Sure. We will dial in from my office

-----Original Message  
From: Best Debbie [REDACTED]  
Sent: Monday, 10 January 2011 12:26 PM  
To: Lance McCallum  
Subject: Re: Wivenhoe Dam release strategy

Lance  
Can I jkoin u

----- Original Message  
From: Lance McCallum <[REDACTED]>  
To: Dennien Barry @ SE [REDACTED]ebbie  
Sent: Mon Jan 10 12:22:33 2011  
Subject: FW: Wivenhoe Dam release strategy

Hi again - Ken Smith will be attending the teleconference on behalf of the Premier now.

Thanks

From: Lance McCallum  
Sent: Monday, 10 January 2011 12:10 PM  
To: Barry Dennien; Dan Spiller; Best Debbie  
Cc: Tim Watts; Geoff Stead  
Subject: RE: Wivenhoe Dam release strategy  
Importance: High

All - I can confirm that the Premier and Min R will participate in the 12.30 teleconference.

We also expect the Lord Mayor to participate.

Thanks

From: Barry Dennien [REDACTED]  
Sent: Monday, 10 January 2011 12:10 PM  
To: Lance McCallum  
Subject: FW: Wivenhoe Dam release strategy  
Importance: High

Lance

As discussed

Barry

Dear CEOs

This teleconference at 12.30pm today is to update you on the current Wivenhoe flood release strategy.

In preparation for this meeting we are intending to send out a Technical Report closer to 12.30pm that will detail the strategy.

Dial in details are:

Phone: [REDACTED]

Pin: [REDACTED]

[REDACTED] contact me [REDACTED] this teleconference, please phone my office on [REDACTED] or mobile [REDACTED]

Carl and Rob,

Attached is the Technical Situation Report drafted by Seqwater following consultation with BoM and Councils.

Key points are:

- There is continuing heavy rainfall in catchments. Total inflows over the event will be at least 1,500,000 ML and probably above 2,100,000 ML.
- As a result, Wivenhoe Dam is above 140% of capacity and Somerset is above 150%, with both rising fast.
- As specified in the approved Operational Procedures, the primary objective is now to minimizing the risk of urban inundation (release strategy W2). This involves larger releases now, minimizing the risk of even larger releases later (were the flood compartment to reach high levels).
- Consistent with this release strategy, dam releases have increased to 2,000 cubic metres per second (172,000 ML/day). It is expected to increase to 2,600 cubic metres per second by midday tomorrow.
- As specified in the approved Operational Manual, we are targeting maximum flow in the Brisbane River of 3,500 cumecs at Moggill. This is the levels above which urban inundation begins.
- For comparison, flows would be up to 12,000 cumecs without the dams.



Seqwater has previously had verbal conversations with Council staff regarding impacts. However, given the significance of this event, and consistent with the draft protocol, we are seeking formal Council input to this version. This advice would relate to the impact of releases, based on the type of scenario analysis that you described this morning.

Our preference would be to finalise the report, including your input, before or at the 12.30 teleconference with Council CEOs and the BoM. This timing means that it can underpin all media messaging this afternoon.

I appreciate your assistance. Please call me if I can be of any assistance.

Regards,

Dan

Daniel Spiller

Director, Operations

SEQ Water Grid Manager

Phone: [REDACTED] [REDACTED] [REDACTED]

Email: [REDACTED]

Visit: Level 15, 53 Albert Street Brisbane

Post: PO Box 16205, City East QLD 4002

ABN: 14783 317 630

Please consider the environment before printing this email. It takes 10 litres of water to make one sheet of A4 paper.

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+-----+  
Think B4U Print  
1 ream of paper = 6% of a tree and 5.4kg CO2 in the atmosphere  
3 sheets of A4 paper = 1 litre of water  
+-----+

**From:** Tim Watts [REDACTED]  
**Sent:** Tuesday, 11 January 2011 8:32 AM  
**To:** spiller daniel @ SEQWGM; Best Debbie; Lance McCallum; Geoff Stead; pborrows [REDACTED]; Dennien Barry  
**Subject:** RE: Water Grid dam release strategy

Dan Debbie

A briefing would be good at a time appropriate to your setting of the release strategy for the coming hours.

Please confirm if 10am is still your preferred time.

Please also let me know if you require assistance from this end.

Tim

#### Tim Watts

Policy Advisor

Office of the Minister for Natural Resources,

Mines and Energy and Minister for Trade

Phone: [REDACTED]

Mobile: [REDACTED]

Fax: [REDACTED]

---

**From:** Dan Spiller [REDACTED]  
**Sent:** Tuesday, 11 January 2011 7:17 AM  
**To:** Stephen Robertson; 'Ken Smith ([REDACTED])'; Lance McCallum; Tim Watts; Geoff Stead; Lauren Sims; 'Martin.Peter.[REDACTED]'; 'Dunn.KerryG [REDACTED]';  
**Cc:** Barry Dennien; 'pborrows [REDACTED]'; 'Rob Drury'; 'pbird [REDACTED]'; 'Damien Brown (damien.brown [REDACTED])'; 'bob.reilly [REDACTED]'; 'terry.wal [REDACTED]'; 'Madgwick.Darren [REDACTED]';  
**Subject:** Water Grid dam release strategy

All,

Attached is the latest report, with the BoM warning on the Lockyer flood below.

Key points are:

- Current releases are 2,750 cubic metres per second (about 240,000 ML/day). Due to heavy rainfall in the catchment, it was not possible to reduce releases to allow the Lockyer Valley flows to pass.
- Further rainfall may result in the need to increase releases.
- Wivenhoe Dam is at 73.51m AHD and rising at about 25mm/hour. Above 74m, the primary objective becomes maintaining the security of the dam. Releases would be increased at this level with less scope for consideration of downstream impacts.

The BoM is remodeling based on this release strategy. There is some uncertainty about the level of flows coming from the Lockyer.

Please call me on [REDACTED] if you require any further information.

Debbie and Tim: I recommend that a briefing for the Minister would be appropriate, perhaps around 10am.

Regards,  
 Daniel Spiller

Australian Government Bureau of Meteorology Queensland

PRIORITY

14/02/2012

FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE INCLUDING BRISBANE CITY Issued at 4:06 AM on Tuesday the 11th of January 2011 by the Bureau of Meteorology, Brisbane.

The main flood waters in the Lockyer Creek are now arriving at Lyons Bridge, with strong stream rises expected during Tuesday.

Wivenhoe dam is providing significant mitigation of upper Brisbane floods. River flows from the Bremer and Lockyer catchments combined with releases from Wivenhoe dam are expected to increase levels in Brisbane during Tuesday.

At the Brisbane City Gauge, minor flood levels of about 2.1 metres are expected with the afternoon high tide on Tuesday and levels of about 3 metres are expected with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

#### LOCKYER CREEK:

Extremely heavy rainfall during Monday led to extreme rises in the Lockyer Creek catchment and Laidley Creek at Mulgowie. Record flood levels of 18.92 metres were recorded at Gatton Monday evening before the station failed. This level was well above the previous record peak of 16.33 metres from the February 1893 flood.

The main flood waters are currently arriving at Lyons Bridge, with strong stream rises expected in the next few hours. The Lockyer Creek at Glenore Grove peaked at 14.60 metres at 11:30pm, which is 0.3 metres below the 1974 flood.

Renewed stream rises have commenced in Lockyer Creek at Lyons Bridge with a peak between 16 and 16.5 metres expected Tuesday morning. This is likely to be similar in level to the 1996 flood.

#### BREMER RIVER:

The Bremer River at Walloon has exceeded the moderate flood level. The Bremer River at Rosewood peaked at 5.8 metres around midnight Monday.

The Bremer River at Ipswich is expected to reach about 12.7 metres on Tuesday afternoon. Higher levels are possible.

#### WARRILL CREEK

Warrill Creek at Amberley peaked at 5.98 metres around 9pm Monday.

#### MIDDLE AND LOWER BRISBANE:

Moderate flooding is developing at Savages Crossing and at Mt Crosby Weir.

At the Brisbane City Gauge (lower end of Edward Street and at Thornton Street), minor flood levels of about 2.1 metres are expected with the afternoon high tide on Tuesday and levels of about 3 metres are expected with the high tides on Wednesday causing moderate flooding.

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Moggill: Reach about 12 metres (minor) during Tuesday afternoon.

Jindalee: Reach about 7 metres (minor) overnight Tuesday.

Brisbane: Reach about 2.1 metres (minor) with the afternoon high tide on Tuesday. Reach about 3 metres (moderate) with the high tides on Wednesday.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

Further rises are possible at all four locations depending on further rain.

**Next Issue:**

The next warning will be issued at about 8am Tuesday.

**Latest River Heights:**

|                                    |                     |                       |
|------------------------------------|---------------------|-----------------------|
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\*automatic station

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**Robert Drury**


Dam Operations Manager

Water Delivery

Queensland Bulk Water Supply Authority *trading as Seqwater*

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 cid:image001.png@01CA24E1.BD

Ph   
 Wivenhoe Dam, Brisbane Valley Highway, via Fernvale Q4306 Australia  
 PO Box 37, Fernvale QLD 4306

14/02/2012

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**From:** Tim Watts [REDACTED]  
**Sent:** Tuesday, 11 January 2011 8:52 AM  
**To:** spiller daniel @ SEQWGM; Best Debbie; Lance McCallum; Geoff Stead; pborrows [REDACTED]; Dennien Barry  
**Subject:** RE: Water Grid dam release strategy

After speaking to Dan, his offer a face-to-face briefing is not required.  
 We don't want to impact on operations and are happy to be updated by email or phone.  
 Tim

**Tim Watts**

Policy Advisor  
 Office of the Minister for Natural Resources,  
 Mines and Energy and Minister for Trade  
 Phone: ( [REDACTED] )  
 Mobile: ( [REDACTED] )  
 Fax: ( [REDACTED] )

**From:** Tim Watts  
**Sent:** Tuesday, 11 January 2011 8:32 AM  
**To:** 'Dan Spiller'; 'Best Debbie'; Lance McCallum; Geoff Stead; 'pborrows [REDACTED]'; Dennien Barry  
**Subject:** RE: Water Grid dam release strategy

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**Sent:** Tuesday, 11 January 2011 7:17 AM  
**To:** Stephen Robertson; 'Ken Smith ( [REDACTED] )'; Lance McCallum; Tim Watts; Geoff Stead; Lauren Sims; 'Martin.Peter [REDACTED]'; 'Dunn.KerryG [REDACTED]';  
**Cc:** Barry Dennien; 'pborrows [REDACTED]'; 'Rob Drury'; 'pbird [REDACTED]'; 'Damien Brown (damien.brown [REDACTED] )'; 'bob.reilly [REDACTED]'; 'terry.wal [REDACTED]'; 'Madgwick.Darren [REDACTED]';  
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14/02/2012

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Australian Government Bureau of Meteorology Queensland

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\*automatic station

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**Robert Drury**

Dam Operations Manager

Water Delivery

Queensland Bulk Water Supply Authority *trading as Seqwater* Seqwater\_No-Lifeguards-Here\_email\_strap cid:image001.png@01CA24E1.BD


Ph   
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)

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**From:** Bradley John  
**Sent:** Monday, 10 January 2011 12:05 PM  
**To:** Best Debbie  
**Subject:** Re: Wivenhoe

Thanks - have been following media. Let me know if any major dramas with this or roche, otherwise, I will be in v early wednesday.

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

**From:** Best Debbie  
**Sent:** Monday, January 10, 2011 11:16 AM  
**To:** Bradley John  
**Subject:** Wivenhoe

You will see a lot in media. We have just briefed Minister and are working closely with his office and Col Jensen. Ken smith advised as well.  
Debbie

[REDACTED]

---

**From:** Best Debbie  
**Sent:** Monday, 10 January 2011 12:25 PM  
**To:** lance.mccallum [REDACTED]  
**Subject:** Re: Wivenhoe Dam release strategy

Lance  
Can I jkoin u

----- Original Message  
From: Lance McCallum <[REDACTED]>  
To: Dennien Barry @ SE [REDACTED] ebbie  
Sent: Mon Jan 10 12:22:33 2011  
Subject: FW: Wivenhoe Dam release strategy

Hi again - Ken Smith will be attending the teleconference on behalf of the Premier now.

Thanks

From: Lance McCallum  
Sent: Monday, 10 January 2011 12:10 PM  
To: Barry Dennien; Dan Spiller; Best Debbie  
Cc: Tim Watts; Geoff Stead  
Subject: RE: Wivenhoe Dam release strategy  
Importance: High

All - I can confirm that the Premier and Min R will participate in the 12.30 teleconference.

We also expect the Lord Mayor to participate.

Thanks

From: Barry Dennien [REDACTED]  
Sent: Monday, 10 Jan [REDACTED]  
To: Lance McCallum  
Subject: FW: Wivenhoe Dam release strategy  
Importance: High

Lance

As discussed

Barry

Dear CEOs

This teleconference at 12.30pm today is to update you on the current Wivenhoe flood release strategy.

In preparation for this meeting we are intending to send out a Technical Report closer to 12.30pm that will detail the strategy.

Dial in details are:

Phone: [REDACTED]

Pin: [REDACTED]

[REDACTED] contact me [REDACTED] this teleconference, please phone my office on or mobile [REDACTED].

Carl and Rob,

Attached is the Technical Situation Report drafted by Seqwater following consultation with BoM and Councils.

Key points are:

- There is continuing heavy rainfall in catchments. Total inflows over the event will be at least 1,500,000 ML and probably above 2,100,000 ML.
- As a result, Wivenhoe Dam is above 140% of capacity and Somerset is above 150%, with both rising fast.
- As specified in the approved Operational Procedures, the primary objective is now to minimizing the risk of urban inundation (release strategy W2). This involves larger releases now, minimizing the risk of even larger releases later (were the flood compartment to reach high levels).
- Consistent with this release strategy, dam releases have increased to 2,000 cubic metres per second (172,000 ML/day). It is expected to increase to 2,600 cubic metres per second by midday tomorrow.
- As specified in the approved Operational Manual, we are targeting maximum flow in the Brisbane River of 3,500 cumecs at Moggill. This is the levels above which urban inundation begins.
- For comparison, flows would be up to 12,000 cumecs without the dams.

Seqwater has previously had verbal conversations with Council staff regarding impacts. However, given the significance of this event, and consistent with the draft protocol, we are seeking formal Council input to this version. This advice would relate to the impact of releases, based on the type of scenario analysis that you described this morning.

Our preference would be to finalise the report, including your input, before or at the 12.30 teleconference with Council CEOs and the BoM. This timing means that it can underpin all media messaging this afternoon.

I appreciate your assistance. Please call me if I can be of any assistance.

Regards,

Dan

Daniel Spiller

Director, Operations

SEQ Water Grid Manager

Phone: [REDACTED] [REDACTED] [REDACTED]

Email: [REDACTED]

Visit: Level 15, 53 Albert Street Brisbane

Post: PO Box 16205, City East QLD 4002

ABN: 14783 317 630

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**From:** Lance McCallum [REDACTED]  
**Sent:** Monday, 10 January 2011 12:10 PM  
**To:** Dennien Barry @ SEQWGM; spiller daniel @ SEQWGM; Best Debbie  
**Cc:** Tim Watts; Geoff Stead  
**Subject:** RE: Wivenhoe Dam release strategy

**Importance:** High

All – I can confirm that the Premier and Min R will participate in the 12.30 teleconference.

We also expect the Lord Mayor to participate.

Thanks

---

**From:** Barry Dennien [REDACTED]  
**Sent:** Monday, 10 January 2011 11:46 AM  
**To:** Lance McCallum  
**Subject:** FW: Wivenhoe Dam release strategy  
**Importance:** High

Lance

As discussed

Barry

Dear CEOs

This teleconference at 12.30pm today is to update you on the current Wivenhoe flood release strategy.

In preparation for this meeting we are intending to send out a Technical Report closer to 12.30pm that will detail the strategy.

Dial in details are:

Phone: [REDACTED]

Pin: [REDACTED]

If you wish to contact me regarding this teleconference, please phone my office on [REDACTED] or mobile [REDACTED]

Carl and Rob,

Attached is the Technical Situation Report drafted by Seqwater following consultation with BoM and Councils.

Key points are:

- There is continuing heavy rainfall in catchments. Total inflows over the event will be at least 1,500,000 ML and probably above 2,100,000 ML.
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14/02/2012



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I appreciate your assistance. Please call me if I can be of any assistance.

Regards,  
Dan

**Daniel Spiller**

Director, Operations

**SEQ Water Grid Manager**

Phone: [REDACTED]

Email: [REDACTED]

Visit: Level 15, 53 Albert Street Brisbane

Post: PO Box 16205, City East QLD 4002

ABN: 14783 317 630

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From: Steven Dunn on behalf of SDCC

Sent: Sunday, 9 January 2011 3:48 PM

To: [Redacted] DisasterManager; [Redacted] Alistair Dawson; Andrew Somerville; Reilly Bob; Brett Harrison; pointing.brett; [Redacted] Bruce Grady; Chris Broomfield; Colonel Luke Foster; Corinne Mulholland; [Redacted] DCS Media; Best Debbie; Desley Boyle; Eddie Bennet; Peter Twomey; Robbie Medlin; Robert Bundy; Shane Wood; Warren Bridson; Wayne Coultts; Wayne Preedy; Gavin Trembath; Gerard Rabelink; Addie Zannes; Florence Fang; Francesca Adrienne; John Arrowsmith; Mark Wallace; Peter Timmers; QFRS GIS Unit; Richard Webb; Grant Cassar (ADF); Greg Eustace; Iain Macculloch (EMQ Kedron); Iain MacKenzie; Ian Fletcher; Ian Mitchell; Ian Stewart (QPS); Ian Jennings; Jade Thompson; Jayne Barnes (QAS); Jeff Cheadle; Jim McGowan; John Gaskin.com.au; Ryan John; Joshua O'Keefe; Kate van Poelgeest; Ken Smith; Kimberley Gardiner; Kirsten Roos; Lance McCallum; Lee Johnson; Leo McNamara; Liam Ferney; Mark Dole; Mark Roche (QFRS); Mark Symons; Max Smith publicworks; Meg Frisby; Michael Hahn (ADF); Michael Kinnane; Adam Shortman; [Redacted] Andrew Goodman; Betty Kiernan; Corinne Mulholland; [Redacted] David Smith; [Redacted] Kate Lennox; [Redacted] Melissa Patch; [Redacted] Roberts; Scott Chandler; [Redacted] Tim Mulherin; [Redacted] Zac Skyring; Natalie MacDonald publicworks; Neil Roberts; [Redacted] Owen Sadler (ADF); Patrick Byrne; Paul Lucas; Paul Hobbs; Paul Lucas; Pauline Evans; Peta Robertson; Peter Cahill; Peter Twomey; Peter Warrenner; Peter Willett (AG); Artemis Peter; QPS Media; Rai Whitten; [Redacted] Robbie Medlin; Robert Bundy; Rodney Walz; Sarah Abbott; SDCC Kedron; SDCCOPS; SES Deployments; Shane Chelepy; Shane Wood; socc; socc; Susan Grantham; Trevor; [Redacted] n Bridson; B H [Redacted] nting; pointing.bre [Redacted] ddc.bundaberg [Redacted] DDC.Charleville [Redacted] DDC.Dalby [Redacted] DDC.Gladstone [Redacted] DDC Gold Coast; DDC.Gympie [Redacted] DDC.innisfail [Redacted] DDC Ipswich; DDC.Logan [Redacted] DDC.Longreach [Redacted] DDC.Mackay [Redacted] DDC.mareeba [Redacted] DDC.Maryborough [Redacted] DDC.Redcliff [Redacted] DDC.Rockhampton [Redacted] DDC.To [Redacted] DDC.Townsville [Redacted] DDC.Tow [Redacted] powers.noel [Redacted] DDC.Warwick [Redacted] DDC.Brisbane [Redacted] Henderson Andrew [Redacted] Peter Martin; Alistair Dawson; Brad Smith; [Redacted] Bruce Gunn; Carolyn Parsons; Craig Bartlett; [Redacted] David Eastman (DIP); Disaster Coordination; Don Bletchly; Fiona Ferrier; graham.atkins [Redacted] th; Ian Dunn (ADF JOSS); Irina Stankovska; Jackie Mooney; [Redacted] Jeff Shelberg; John [Redacted] site [Redacted] Justin Fitzgerald; ksullivan [Redacted] u; Boyle Michael; Michael Dart; Michael Dickinson; Michael Petic; Michael Shapland; Neville MOC [Redacted] noel.gillard [Redacted] norm.archer [Redacted] Patrick Byrne; Patrick J. Quinn; [Redacted] Paul Adcock; Peta Robertson; Allen Peter; QAS R5 South East Area Director; Peter Dunn; Phil Carney [Redacted] Phil N [Redacted] ward [Redacted] u; sbartlett [Redacted] State DC Group; Trevor Daniel [Redacted] u; Trevor Leverington; Warren Bridson; [Redacted] Groves; Anita R [Redacted] ate; C [Redacted] ; Daniel Young; David Boulton; David Eastman; David Hermann; J. Davidson [Redacted] u; John G. Wright [Redacted] John Rossiter [Redacted] Irat [Redacted] Michael Dart; Michael Franks; Paul Dimech; hahn.richard [Redacted] Schwartz Robert; Scott Leonard; Sean Kenny; Steve Wadden; g.holcombe [Redacted] b.roistone [Redacted]

Subject: SDCC Teleconference at 11:00 hrs on Monday 10 January 2011 for Queensland Flooding  
Good Afternoon,

You are invited to participate in a Teleconference hosted by the SDCC in relation to the current Queensland floods.

The details of the teleconference are as follows:

Date: Monday 10 January 2011

Timing: 11:00 hrs

Dial-in Instructions:

- Please call 5 minutes prior to teleconference commencement;
- Dial [Redacted] f in Brisbane, otherwise dial [Redacted]
- When prompted, enter: [Redacted] (Conference Code) # [hash];
- Follow the prompts to state your name and agency details;
- To mute your phone, enter \* [star] and then 6;
- To un-mute your phone, enter # [hash] and then 6.

The format of SDCC teleconferences is below.

DCC's, agencies and the Bureau are again asked to prepare with this agenda in mind.

NB: Attention DDCs: Please provide the pre-meeting details required for the following affected Disaster Districts:

For Monday, 10 January 2011 these will be: **Rockhampton, Roma, Gladstone, Bundaberg, Maryborough, Dalby, Gympie, Sunshine Coast, Redcliffe, Brisbane, Roma and Logan.**

Pre meeting: affected Disaster Districts are requested to forward statistics as per the tables below to SDCC by 1030.

A reply to this email with the table complete will be fine.

| Evacuation Centres |                                  |
|--------------------|----------------------------------|
| Locations          | Number of evacuations to centres |
|                    |                                  |
|                    |                                  |
|                    |                                  |

| Flooding Effects              | External Flooding (yard and under house) | Internal flooding (across floorboards) |
|-------------------------------|--|--|
| Number of housing inundations |  |  |
| Number business inundations   |  |  |

1. Welcome and apologies
2. State weather and Hydrology report: BoM

Impact Brief by affected districts. **Rockhampton, Roma, Gladstone, Bundaberg, Maryborough, Dalby, Gympie, Sunshine Coast, Redcliffe, Brisbane, Roma and Logan.**

- DDC report:
  - Utilities (power, water, telecoms)
  - Transport Infrastructure (access)
  - Major issues;

- Now

- the next 24 hours
  - Projected resupply requirements
  - Agency briefings - by exception
    - Department of Communities
    - Department of Transport and Main Roads
    - Queensland Health
    - Public Works
    - Department of Employment Economic Development and Innovation
  - Mayor's Comment
  - Questions
4. Other District reports by exception; North to South; coastal followed Inland.
5. Next meeting

All reports are to be brief and succinct and if there is no relevant information for input, members should advise 'nil to report'.

=====

#### ***Teleconference Etiquette:***

Please adhere to the following teleconference etiquette guidelines:

- Please *announce your name and where you are from prior to speaking* during the teleconference and when first dialling into the teleconference;
- Please *mute your phone* (if possible) when not talking;
- Please *do not place your phone on 'HOLD'* as any on-hold messages or music is audible during the teleconference;
- If phone muting is not possible, please *minimize any background noise* during the teleconference;
- If using a mobile phone to dial in, please *avoid (if possible) use of the hands-free speaker function* to minimize background noise;
- Please ensure mobile phone devices are kept away from speaker phones to reduce interference during the teleconference.

Regards

**Watch Desk Officer, State Disaster Coordination Centre**  
 Emergency Management Queensland | Department of Community Safety  
 Level 2, Block E, Emergency Services Complex, Kedron, Queensland  
**Phone:** [REDACTED]

This correspondence is for the named persons only. It may contain confidential or privileged information or both. No confidentiality or privilege is waived

All reasonable precautions will be taken to respect the privacy of individuals in accordance with the Information Privacy Act 2009 (Qld). Details on how per

**From:** Karen Fasano [REDACTED] on behalf of SDCC [REDACTED]  
**Sent:** Friday, 7 January 2011 8:55 PM  
**To:** ccc [REDACTED] DisasterManagement [REDACTED] Adam Shortman; Al [REDACTED] Somerville; bette kill; Reilly Bob; Brett Harrison; pointing.brett [REDACTED] Bruce Grady; Chris Broomfield; CIS Health; Colonel Luke Foster; corinne.mulholland [REDACTED] David Smith; DCS Media; Best Debbie; Desley Boyle; Eddie Bennet; Peter Twomey; Robbie Medlin; Robert Bundy; Shane Wood; Warren Bridson; Wayne Coutts; Wayne Freedy; floodrecoverytaskforce [REDACTED]; Gavin Trembath; Gerard Rabelink; Addie Zannes; Florence Fang; Francesca Adrienne; John Arrowsmith; Mark Wallace; Peter Timmers; QFRS GIS Unit; Richard Webb; Grant Cassar (ADF); Greg Eustace; Harry.VENMANS [REDACTED] Macculloch (EMQ Kedron); Iain MacKenzie; Ian Fletcher; Ian Mitchell; Ian Stewart (QPS); Ian Jennings; Jade.Thompson; Jayne Barnes (QAS); Jeff Cheadle; Jim McGowan; John Gaskin [REDACTED] Ryan John; Joshua O'Keefe; Kate van Poelgeest; Kathy Brown; Ken Smith; kimberley gardiner; Kirsten Roos; Lance McCallum; Lee Johnson; Leo McNamara; Liam Ferney; Mark Dole; Mark Roche (QFRS); Mark Symo [REDACTED] rks; Meg Fris [REDACTED] hael Hahn (AD [REDACTED] dam.Shortman [REDACTED] Andrew Goodman; betty kiernan; corinn [REDACTED] Kate.Lennox [REDACTED] Melissa.Patc [REDACTED] Neil Roberts; [REDACTED] Owen Sadler (ADF); Patrick scott.chandle [REDACTED] tim.munier [REDACTED] Zac Skyring; Natalie MACDONALD publicworks; Neil.Roberts [REDACTED] Byrne; Paul Lucas; Paul Hobbs; Paul Lucas; Pauline Evans; Peta Robertson; Peter Cahill; Peter Twomey; Peter Warrenner; Peter Willett (AG); Artemian Peter; QPS Media; Rai Whitten; hahn.richard [REDACTED] Robbie Medlin; Robert Bundy; Rodney Walz; Sarah Abbott; SDCC Kedron; SDCCOPS; SES [REDACTED] hane Chelepy; [REDACTED] CC; socc; socc; Susan Grantham; Tracey Rees; Trevor VanDam; Warren Bridson; Yolana Cowan; B Hanbidge; Brett pointing; pointing.brett [REDACTED]; codd.brian [REDACTED] u; DDC Gold Coast; ddc.bundaberg [REDACTED] DDC.Cairns [REDACTED] DDC.Charleville [REDACTED] DDC.Dalby [REDACTED] DDC.Gladstone [REDACTED] u; DDC Rockhampton; DDC.Roma [REDACTED] DDC.Sunshine Coast; DDC.Gympie [REDACTED] DDC.innisfa [REDACTED] Ipswich; DDC.Lo [REDACTED]; DDC.Longreach [REDACTED] kay [REDACTED] DDC.mareeba [REDACTED] DDC.Maryborough [REDACTED] DDC.Redcliffe [REDACTED] DDC.Rockhampton; DDC.Roma [REDACTED] DDC.Sunshine Coast; DDC.Toowoomba [REDACTED] u; DDC.Townsville [REDACTED] powers.noel [REDACTED] DDC.Warwick [REDACTED] DDC.Brisbane [REDACTED] u; DDC.Mountliss [REDACTED] henderson [REDACTED] Peter M [REDACTED] son; Brad Smith; Brent Reeman; Br [REDACTED] rady; Anderson Danielle; ddc.bundaberg [REDACTED] DDC.Dalby [REDACTED] u; DDC.Gladstone [REDACTED]; DDC.Rockhampton; DDC.Roma [REDACTED] Disaster Management; Don Bletchly; Eddie Peters; Glen Knights; Graham Robert; Greg Holman; Hugh O'Brien; Ian Fletcher; Ian Jennings; jackie.mooney [REDACTED] John; John Gardiner; Kerry Kelly; M Goodwin; Mark Carpenter; Max Smith; Michael Kinnane; noel.gillard [REDACTED] Pa [REDACTED] bertson; phil.came [REDACTED]; R [REDACTED] hard [REDACTED] u; Trevor Leverington; Wally Kearnan; Warren Bridson; Alistair Da [REDACTED] J [REDACTED]; Bruce Gunn; Carolyn Parsons; Craig Barlet [REDACTED] simian (DIP); Disaster Coordination; Don Bletchly; Fiona Ferrier; graham.atkins [REDACTED] Greg Eustace Health; Ian Dunn (ADF JOSS); Irina Stankovska; Jackie.mooney [REDACTED] Jeff Shelberg; John Cawcutt; john.rossite [REDACTED] u; Justin Fitzgerald; ksullivan [REDACTED] Boyle Michael; Michael Dart; Michael Dickinson; Michael Petric; Michael Shapland; Neville.MOC [REDACTED] noel.gillard [REDACTED] Patrick Byrne; [REDACTED] Peta Robertson; Allen Peter; QAS R5 South East Area Director; Peter Dunn; phil.camey [REDACTED] Phil Nickerson; russellhoward [REDACTED]; sbartlet [REDACTED] u; State DC Group; trevor.dann [REDACTED] Trevor Leverington; Warren Bridson; Aaron Groves; Anila R.Fredericks [REDACTED] Bernard Trembath; Bill Date; Conrad Adams; Daniel Altoft; Daniel Young; David Boulton; David Eastman; David Her [REDACTED] john.g.wright [REDACTED] u; john.rossite [REDACTED] Irat [REDACTED] Michael Dart; Michael Franks; Paul Dimech; hahn.richard [REDACTED] Schwartz Robert; Scott Leonard; Sean Kenny; Steve Waddell; bette kill acting DG till 24 Jan 11; Bob Atkinson (QPS); pointing.brett [REDACTED] Bruce Grady; Colonel Luke Foster; David Stewart (DTMR); Deb Watkins SDMG QPS; Gerard Bradley (Treasury); Graeme Newton (DIP); greg\_hallan [REDACTED] Ian.Fletche [REDACTED] Jeannette Young; Jim McGowan; Bradley John; Julie Grantham (DET); Ken Smith (DPC); Linda Apelt (DoC); Mal Grierson (DPW); Mick\_Reid [REDACTED]; Natalie.macdonald acting DG DPW till 18 Jan 11; Philip Reed; Alyce Valentine; Andrea Dawson; Brodie B [REDACTED] Rule; D [REDACTED] th Buckler; Hayley Gillespie; Helen Ainsworth; Kirsten Roos; Lisa Grundy; Michael Franks; Phil Nickerson; Tamani Nair; Troy Davies; Tim.Wiebusch [REDACTED]; sdc [REDACTED]

**Subject:** SDCC SitRep No 15 as at 1700 hours 07 January 2011

**Importance:** Hi gh

**Attachments:** SDCC Sitrep 1900 070111.pdf

Good Evening,

Please find attached SDCC Sitrep No 15 as at 1700 hours in relation to the Central Coast Flooding December 2010.

Regards,

**Watch Desk Officer, State Disaster Coordination Centre**  
 Emergency Management Queensland | Department of Community Safety  
 Level 2, Block E, Emergency Services Complex, Kedron, Queensland  
 Phone: [REDACTED]

This correspondence is for the named persons only. It may contain confidential

All reasonable precautions will be taken to respect the privacy of individuals

**From:** Karen Fasano [redacted] on behalf of SDCC [redacted]  
**Sent:** Saturday, 8 January 2011 8:11 PM  
**To:** cc: [redacted] DisasterManagement [redacted] Adam Shortman; Al [redacted] Somerville; bette kill; Reilly Bob; Brett Harrison; pointing.bretn [redacted] Bruce Grady; Chris Broomfield; CIS Health; Colonel Luke Foster; corinne.muholland [redacted] David Smith; DCS Media; Best Debbie; Desley Boyle; Eddie Bennet; Peter Twomey; Robbie Medlin; Robert Bundy; Shane Wood; Warren Bridson; Wayne Coutts; Wayne Freedy; floodrecoverytaskforce [redacted] Gavin Trembath; Gerard Rabelink; Addie Zannes; Florence Bang; Francesca Adrienne; John Arrowsmith; Mark Wallace; Peter Timmers; QFRS GIS Unit; Richard Webb; Grant Cassar (ADF); Greg Eustace; Harry.VENMANS [redacted] Macculloch (EMQ Kedron); Iain MacKenzie; Ian Fletcher; Ian Mitchell; Ian Stewart (QPS); Ian Jennings; Jade.Thompson; Jayne Barnes (QAS); Jeff Cheadle; Jim McGowan; John Gaskin [redacted] Ryan John; Joshua O'Keefe; Kate van Poelgeest; Kathy Brown; Ken Smith; Kimberley gardiner; Kirsten Roos; Lance McCallum; Lee Johnson; Leo McNamara; Liam Ferney; Mark Dole; Mark Roche (QFRS); Mark Symo [redacted] rks; Meg Fris [redacted] hael Hahn (AD [redacted] dam.Shortman [redacted] Andrew Goodman; betty kiernan; corinn [redacted] Kate.Lennox [redacted] Melissa.Patc [redacted] Neil Roberts; [redacted] Owen Sadler (ADF); Patrick scott.chandle [redacted] tim.munier [redacted] Zac Skyring; Natalie MACDONALD publicworks; Neil.Roberts [redacted] Byrne; Paul Lucas; Paul Hobbs; Paul Lucas; Pauline Evans; Peta Robertson; Peter Cahill; Peter Twomey; Peter Warren; Peter Willett (AG); Artemian Peter; QPS Media; Rai Whitten; hahn.richard [redacted] Robbie Medlin; Robert Bundy; Rodney Walz; Sarah Abbott; SDCC Kedron; SDCCOPS; SES Deployments; SES Vic DO; Shane [redacted] ood; SHECC; socc; socc; Susan Grantham; Tim Wiebusch Vic SES; Tracey Rees; Trevor VanDam; Warren Bridson; Yolana Cowan; B Hanbidge; Brett pointing; pointing.bretn [redacted] codd.brian [redacted] ddc.bundaberg [redacted] DDC.Cairns [redacted] DDC.Charleville@ [redacted] DDC.Dalby [redacted] DDC.Gladstone [redacted] DDC.Gold Co [redacted] [redacted] DD [redacted] ogan [redacted] DDC.Longreach [redacted] DDC.Mackay [redacted] DDC.mareeba [redacted] DDC.Maryborough [redacted] DDC.Redcliffe [redacted] DDC.Rockhampton; DDC.Roma [redacted]; DDC.Sunshine Coast; DDC.Toowoomba [redacted] DDC.Townsville [redacted] powers.noel [redacted] DDC.Warwick [redacted] u; DDC.Brisbane [redacted] D [redacted] w [redacted] Alistair Dawson; Brad Smith; Brent Reeman; Brian Codd; Bruce Grady; Anderson Danielle; ddc.bundaberg [redacted] DDC.Dalby [redacted] DDC.Gladstone [redacted] DDC.Rockhampton; DDC.Roma [redacted] Disaster Management; Don Bletchly; Eddie Peters; Glen Knights; Graham Robert; Greg Hoffman; Hugh O'Brien; Ian Fletcher; Ian Jennings; jackie.moore [redacted] hn; John Gardiner; Kerry [redacted] Mark Carpenter; Max Smith; Michael Kinnane; noel.gillard [redacted] Paul [redacted] son; phil.carney [redacted] hanc [redacted] Trevor Leverington; Wally Keaman; Warren Bridson; Alistair Da [redacted] t [redacted] Bruce Gunn; Carolyn Parsons; Craig Bartlett [redacted] David Eastman (DIP); Disaster Coordination; Don Bletchly; Fiona Ferrier; graham.atkins [redacted] u; Greg Eustace Heath; Ian Dunn (ADF JOSS); Irina Stankovska; jackie.mooney [redacted] Jeff Shelberg; John Cawcutt; john.rossite [redacted] Justin Fitzgerald; ksullivan [redacted] Boyle Michael; Micha [redacted] I Dickinson; Michael Petic; Michael Shapland; Neville.MOC [redacted] noel.gillar [redacted] Patrick Byrne; patrick.j.quir [redacted]; Paul Adcock; Peta Robertson; Allen Peter; QAS R5 South East Area Director; Peter Dunn; phil.carney [redacted] Phil Nickerson; russellhoward [redacted] sbartlett [redacted] State DC Group; trevor.dan [redacted] Trevor Leverington; Warren Bridson; Aaron Groves; Anila.R.Frede [redacted] Berna [redacted] onrad [redacted] iel Young; David Boulton; David Eastman; David Hermann; [redacted] john.g.wright [redacted] john.rossite [redacted] Irat [redacted] Michael Dart; Michael Franks; Paul Dimech; hahn.richard [redacted] Schwartz Robert; Scott Leonard; Sean Kenny; Steve Waddell; bette kill acting DG till 24 Jan 11; Bob Atkinson (QPS); pointing.bretn [redacted] Bruce Grady; Colonel Luke Foster; David Stewart (DTMR); Deb Watkins SDMG QPS; Gerard Bradley (Treasury); Graeme Newton (DIP); greg.hallan [redacted]; Ian.fletche [redacted] Jeannette Young; Jim McGowan; Bradley John; Julie Grantham (DET); Ken Smith (DPC); Linda Apelt (DoC); Mal Grierson (DPW); Mick Reic [redacted] u; Natalie.Macdonald acting DG DPW till 18 Jan 11; Philip Reed; Alyce Valentine; Andrea Dawson; Brodie Bott; Chantelle Rule; DCS Media; Elizabeth Buckler; Hayley Gillespie; Helen Ainsworth; Kirsten Roos; Lisa Grundy; Michael Franks; Phil Nickerson; Tamani Nair; Troy Davies

**Subject:** SDCC SitRep No 16 as at 2000 hours 08 January 2011

**Importance:** Hi gh

**Attachments:** SDCC Sitrep 2000 080111.pdf

Good Evening,

Please find attached SDCC Sitrep No 16 as at 2000 hours in relation to the Central Coast Flooding December 2010.

Regards,

**Watch Desk Officer, State Disaster Coordination Centre**

Emergency Management Queensland | Department of Community Safety  
 Level 2, Block E, Emergency Services Complex, Kedron, Queensland  
 Phone [redacted]

This correspondence is for the named persons only. It may contain confidential

All reasonable precautions will be taken to respect the privacy of individuals

**From:** Pauline Evans [REDACTED] on behalf of SDCC [REDACTED]  
**Sent:** Sunday, 9 January 2011 7:20 PM  
**To:** Alistair Dawson; Bruce Gunn; Carolyn Parsons; Craig Bartlett; [REDACTED] n (DIP); Disast [REDACTED] Don Bletchly; Fiona Ferrier; graham.atkins; Greg Eustace Health; Ian Dunn (ADF JOSS); Irina Stankovska; Jackie Mooney; Jeff Shelberg; [REDACTED] John Cawcutt; (jcawcutt); john.rossiter; [REDACTED] u; Justin Fitzgerald; ksullivan; [REDACTED] Boyle Michael; Michael Dart; Michael Dickinson; Michael Pecic; Michael.Sha; [REDACTED] Neville.MOC; [REDACTED] noel.gillard; [REDACTED] no [REDACTED] Patric [REDACTED] .quin; Paul.Adcock; [REDACTED] Peter Robertson; Allen Peter; Peter Chapman; Peter Dunn; phil.carney; [REDACTED] Phil.Nickerson; [REDACTED] russellnoward; sbartlet; [REDACTED] State DC Group; trevor.dani; [REDACTED] u; Trevor Leverington; Warren Bridson; Aaron Groves; Anila.R.Frederick; [REDACTED] Bernard.Frem; [REDACTED] Daniel Allott; Daniel Young; David Boulton [REDACTED] J.Davidson; john.g.wright; [REDACTED] irat; [REDACTED] e franks; Paul Dimech; hahn.richard; [REDACTED] Schwartz Robert; Sean Kenny; Steve Waddell; bette kill acting DG till 24 Jan 11; Bob Atkinson (QPS); pointing.bretin; [REDACTED] Bruce Grady; Colonel Luke Foster; David Stewart (DTMR); Deb Watkins SDMG QPS; Gerard Bradley (Treasury); Graeme Newton (DIP); greg.hallan; [REDACTED] lan.fletcher; [REDACTED] Jeannette Young; Jim McGowan; Bradley John; Julie Grantham (DET); Ken Smith (DPC); Linda Apelt (DoC); Mal Grierson (DPW); Mick Reid; [REDACTED] Natalie.MacDonald acting DG DPW till 18 Jan 1 [REDACTED] DisasterManagement [REDACTED] u; Adam Shortman; Andrew Somerville; Reilly Bob; Brett Harrison; Chris Broomfield; CIS Health; corinne.mulholland; [REDACTED] David Smith; DCS Media; Best Debbie; Desley Boyle; EMQ Regional Directors; floodrecoverytaskforce; [REDACTED] Gavin Trembath; Gerard Rabelink; GIS Operations; Grant Cassar (ADF); Harry.VENMANS; [REDACTED] Iain Macculloch (EMQ Kedron); Iain MacKenzie; Ian Mitchell; Ian Stewart (QPS); Ian Jennings; Jade Thompson; Jayne Barnes (QAS); Jeff Cheadle; John Gaskin.com.au; Ryan John; Joshua O'Keefe; Kate van Poelgeest; Kathy Brown; Kimberley Gardiner; Kirsten Roos; Lance McCallum; Lee Johnson; Leo McNamara; Liam Ferney; Mark Dole; Mark Roche (QFRS); Mark Symons; Max Smith publicworks; Meg Frisby; Melissa Patch; Michael Hahn (ADF); Michael Kinnane; Neil Roberts; [REDACTED] Owen Sadler (ADF); Paul Lucas; Paul Hobbs; Paul Lucas; Pauline Evans; Peter Cahill; Peter Twomey; Peter Warren; Peter Willett (AG); Artemieff Peter; QPS Media [REDACTED] le Medlin; R [REDACTED] dney Walz; Roger Lye; Sarah Abbott; SDCC Kedron; SDCCOPS; SES Deployments; SES Vic DO; Shane Chelepy; Shane Wood; SHECC; shecc [REDACTED] socc; socc [REDACTED] Susan Grantham; Tim Wiebusch Vic SES; Tracey Rees; Trevor VanDam; B Hanbridge; Brett pointing; codd.brian; [REDACTED] ddc.bundaberg; [REDACTED] DDC Cairns; [REDACTED] DDC Charleville; [REDACTED] u; DDC Dalby; [REDACTED] DDC Gladstone; [REDACTED] DDC Gold Coast; [REDACTED] police.qld.gov.au; [REDACTED] police.qld.gov.au; DD DDC Logan; [REDACTED] DDC Longreach; [REDACTED] DDC mareeba; [REDACTED] yborough; DDC Redcliffe; [REDACTED]; DDC Rockhampton; DDC Roma; [REDACTED]; DDC Sunshine Coast; DDC Toowoomba; [REDACTED] DDC Townsville; powers.noel; [REDACTED] DDC Warwick; [REDACTED] DDC Mount Isa; [REDACTED] henderson.andrew; [REDACTED] Peter Martin; Andrew Goodman; Betty Klemm; karen.moss; [REDACTED] Kate Lennox; PCC State Duty Officer; Scott Chandler; Tim Mulhern; Zachary Skyring; Alyce Valentine; Andrea Dawson; Brodie Bott; Chantelle Rule; Elizabeth Buckler; Hayley Gillespie; Helen Ainsworth; Lisa Grundy; Michael Franks; Tamani Nair; Troy Davies

**Subject:** SDCC SitRep No 17 as at 1700 hours 09 January 2011

**Attachments:** SDCC Sitrep 1700 090111.pdf  
 Good Evening,

Please find attached SDCC Sitrep No 17 as at 1700 hours in relation to the Central Coast Flooding December 2010.

Regards,

**Watch Desk Officer, State Disaster Coordination Centre**  
 Emergency Management Queensland | Department of Community Safety  
 Level 2, Block E, Emergency Services Complex, Kedron, Queensland  
 Phone: [REDACTED]

This correspondence is for the named persons only. It may contain confidential

All reasonable precautions will be taken to respect the privacy of individuals

**From:** Pauline Evans [redacted] on behalf of SDCC [redacted]  
**Sent:** Monday, 10 January 2011 9:16 PM  
**To:** SDCCINT; Alistair Daw [redacted]; Bruce Gunn; Carolyn Parsons; Craig Bartlett [redacted]; [redacted] man (DIP); [redacted] on; Don Bletchly; Fiona Ferrier; graham.atkins [redacted]; Greg Eustace Heath; Ian Dunn (ADF JOSS); Irina Stankovska; Jackie Mooney [redacted]; Jeff Shelders [redacted]; John Cawcutt [redacted]; John Rossiter [redacted]; Justin Fitzgerald; ksullivan [redacted]; [redacted] Boyce Michael; Michael Dart [redacted]; Michael Dickinson; Michael Pecic [redacted]; Neville.MOORE [redacted]; Noel Gillard [redacted]; [redacted] no [redacted]; Patric [redacted]; j.quinn [redacted]; Paul Adcock [redacted]; Peter Robertson; Allen Peter; Peter Chapman [redacted]; Peter Dunn; phil.corney [redacted]; Phil Nickerson [redacted]; [redacted] u; russellhoward [redacted]; sbartlett [redacted]; State DC Group; trevor.dann [redacted]; [redacted] u; Trevor Leverington [redacted]; Warren Brisson; Aaron Groves; Anila.R.Fredericks [redacted]; Bernard.Hern [redacted]; Daniel Allott; Daniel Young; David Boulton [redacted]; J.Davidson [redacted]; john.g.wright [redacted]; [redacted] [redacted]; ke franks; Paul Dimech; hahn.richard [redacted]; [redacted] u; Schwartz Robert; Sean Kenny; Steve Waddell; bette kill acting DG till 24 Jan 11; Bob Atkinson (QPS); pointing.bretn [redacted]; Bruce Grady; Colonel Luke Foster; David Stewart (DTMR); Deb Watkins SDMG QPS; Gerard Bradley (Treasury); Graeme Newton (DIP); greg.hallan [redacted]; Ian.fletche [redacted]; Jeannette Young; Jim McGowan; Bradley John; Julie Grantham (DET); Ken Smith (DPC); Linda Apelt (DoC); Mal Grierson (DPW); Mick.Reid [redacted]; Natalie MacDonald acting DG DPW till 18 Jan 11; Philip R [redacted]; sasterManagement [redacted]; Aaron Minos; Adam Shortman; Andrew Somerville; Reilly Bob; Brett Harrison; Chris Broomfield; CIS Health; corinne.mulholland [redacted]; David Smith; DCS Media; Best Debbie; Desley Boyle; EMQ Regional Directors; floodrecoverytaskforce [redacted]; Gavin Trembath; Gerard Rabelink; GIS Operations; Grant Cassar (ADF); Harry.VENMANS [redacted]; Hugh O'Brien; Iain Macculloch (EMQ Kedron); Iain MacKenzie; Ian Mitchell; Ian Stewart (QPS); Ian Jennings; Jade Thompson; Jayne Barnes (QAS); Jeff Cheadle; John Gaskin [redacted]; Ryan John; Joshua O'Keefe; Kate van Poelgeest; Kathy Brown; Kimberley gardiner; Kirsten Roos; Lance McCallum; Lee Johnson; Leo McNamara; Liam Ferney; Lucas McKennariy (ADF); Mark Dole; Mark Roche (QFRS); Mark Symons; Max Smith publicworks; Meg Frisby; Melissa Patch; Michael Hahn (ADF); Michael Kinnane; Neil Roberts [redacted]; Owen Sadler (ADF); owen.paulson [redacted]; owen.paulson [redacted]; Paul Lucas; Paul Hobbs; Paul Lucas; Pauline Evans; Peter Cahill; Peter Twomey; Peter Warrenre; Peter Willett (AG); Artemieff Peter; QPS Media; Rai Whitten; Robbie Medlin; Robert Bundy; Rodney Walz; Roger Ley; Sarah Abbott; SDCC Kedron; SDCCINT; SDCCOPS; SES Deployments; SES Vic DO; Shane Chelepy; Shane Wood; SHECC; shec [redacted]; socc; socc [redacted]; Susan Grantham; Tim Wiebusch Vic SES; Tracey Rees; Trevor VanDam; B Hanbidge; Brett pointing; codd.brian [redacted]; bundaberg [redacted]; [redacted] D [redacted]; [redacted] D [redacted]; DDC.Dalby [redacted]; DDC.Gladstone [redacted]; DDC Gold Co [redacted]; [redacted] DD [redacted]; DDC.ogal [redacted]; DDC.Longreach [redacted]; DDC.Macka [redacted]; [redacted] DDC.mareebo [redacted]; [redacted] DDC.Maryborough [redacted]; [redacted] DDC.Redding [redacted]; DDC.Rockhampton; DDC.Roma [redacted]; DDC.Sunshine Coast; DDC.Townsville [redacted]; DDC.Townsville [redacted]; powers.noel [redacted]; DDC.Darwin [redacted]; DDC.Brisbane [redacted]; DDC.Mountisa [redacted]; [redacted] Henderson.andrew [redacted]; Peter Martin; Andrew Goodman; betty kiernan; karen.most [redacted]; Kate Lennox; PCC State Duty Officer; Scott Chandler; Tim Mulnerin; Zachary Skyring; Alyce Valentine; Andrea Dawson; Brodie Bott; Chantelle Rule; Elizabeth Buckler; Hayley Gillespie; Helen Ainsworth; Lisa Grundy; Michael Franks; Tamari Nair; Troy Davies

**Subject:** SDCC SitRep No 18 as at 1700 hours 10 January 2011

**Attachments:** SDCC Sitrep 1700 100111.pdf

Good Evening,

Please find attached SDCC Sitrep No 18 as at 1700 hours in relation to the Central Coast Flooding December 2010.

Regards,

**Watch Desk Officer, State Disaster Coordination Centre**  
Emergency Management Queensland | Department of Community Safety  
Level 2, Block E, Emergency Services Complex, Kedron, Queensland  
Phone: [REDACTED]

This correspondence is for the named persons only. It may contain confidential

All reasonable precautions will be taken to respect the privacy of individuals

From: Steven Dunn on behalf of SDCC

Sent: Sunday, 9 January 2011 3:48 PM

To: [Redacted] DisasterManager; [Redacted] Alistair Dawson; Andrew Somerville; Reilly Bob; Brett Harrison; pointing.brett; [Redacted] u; Bruce Grady; Chris Broomfield; Colonel Luke Foster; Corinne Mulholland; [Redacted] DCS Media; Best Debbie; Desley Boyle; Eddie Bennet; Peter Twomey; Robbie Medlin; Robert Bundy; Shane Wood; Warren Bridson; Wayne Coutts; Wayne Preedy; Gavin Trembath; Gerard Rabelink; Addie Zannes; Florence Fang; Francesca Adrienne; John Arrowsmith; Mark Wallace; Peter Timmers; QFRS GIS Unit; Richard Webb; Grant Cassar (ADF); Greg Eus; [Redacted] n Macculloch (EMQ Kedron); Iain MacKenzie; Ian Fletcher; Ian Mitchell; Ian Stewart (QPS); Ian Jennings; Jade Thompson; Jayne Barnes (QAS); Jeff Cheadle; Jim McGowan; John Gaskin; [Redacted] Ryan John; Joshua O'Keefe; Kate van Poelgeest; Ken Smith; Kimberley Gardiner; Kirsten Roos; Lance McCallum; Lee Johnson; Leo McNamara; Liam Ferney; Mark Dole; Mark Roche (QFRS); Mark Symons; Max Smith publicworks; Meg Frisby; Michael Hahn (ADF); Michael Kinnane; Adam Shortman; [Redacted] Andrew Goodman; Betty Kiernan; Corinne Mulholland; [Redacted] david.sm; [Redacted] Kate Lennox; [Redacted] Melissa Patch; [Redacted] Roberts; Scott Chandle; [Redacted] tim.mulherin; [Redacted] Zac Skyring; Natalie MacDonald publicworks; Neil Roberts; [Redacted] Owen Sadler (ADF); Patrick Byrne; Paul Lucas; Paul Hobbs; Paul Lucas; Pauline Evans; Peta Robertson; Peter Cahill; Peter Twomey; Peter Warrenner; Peter Willett (AG); Artemis Peter; QPS Media; Rai Whitten; hahn.richard; [Redacted] ; Robbie Medlin; Robert Bundy; Rodney Walz; Sarah Abbott; SDCC Kedron; SDCCOPS; SES Deployments; Shane Chelepy; Shane Wood; socc; socc; Susan Grantham; Trevor; [Redacted] n Bridson; B.H.; [Redacted] nting; pointing.bre; [Redacted] ddc.bundaberg; [Redacted] DDC.Charleville; [Redacted] DDC.Dalby; [Redacted] DDC.Gladstone; [Redacted] DDC Gold Coast; DDC.Gympie; [Redacted] DDC.Innisfail; [Redacted] DDC Ipswich; DDC.Logan; [Redacted] DDC.Longreach; [Redacted] DDC.Mackay; [Redacted] DDC.Maryborough; [Redacted] DDC.Mareeba; [Redacted] DDC.Mount Isa; [Redacted] DDC.Mount Stuart; [Redacted] DDC.Redcliffe; [Redacted] DDC.Rockhampton; [Redacted] Coast; DDC.Toowoomba; [Redacted] u; DDC.Townsville; [Redacted] powers.noel; [Redacted] DDC.Warwick; [Redacted] DDC.Brisbane; [Redacted] henderson.andrew; [Redacted] Peter Martin; Alistair Dawson; Brad Smith; [Redacted] Bruce Gunn; Carolyn Parsons; Craig Bartlett; [Redacted] David Eastman (DIP); Disaster Coordination; Don Bletchly; Fiona Ferrier; graham.atkins; [Redacted] th; Ian Dunn (ADF JOSS); Irina Stankovska; Jackie Mooney; [Redacted] Jeff Shelberg; John [Redacted] site; Justin Fitzgerald; ksullivan; [Redacted] u; Boyle Michael; Michael Dart; Michael Dickinson; Michael Petic; Michael Shapland; Neville MOC; [Redacted] noel.gillard; [Redacted] norm.archer; [Redacted] Patrick Byrne; patrick.j.quirk; [Redacted] Paul Adcock; Peta Robertson; Allen Peter; QAS R5 South East Area Director; Peter Dunn; phil.corney; [Redacted] Phil N; [Redacted] ward; [Redacted] sbartlett; [Redacted] State DC Group; trevor.dani; [Redacted] Trevor Leverington; Warren Bridson; [Redacted] loves; Anila R; [Redacted] John G. Wright; [Redacted] John Rossiter; [Redacted] ate; C [Redacted] Irat; [Redacted] Daniel Young; David Boulton; David Eastman; David Hermann; J. Davidson; [Redacted] hahn.richard; [Redacted] Schwartz Robert; Scott Leonard; Sean Kenny; Steve Wadden; g.holcombe; [Redacted] b.roistone

Subject: SDCC Teleconference at 11:00 hrs on Monday 10 January 2011 for Queensland Flooding  
Good Afternoon,

You are invited to participate in a Teleconference hosted by the SDCC in relation to the current Queensland floods.

The details of the teleconference are as follows:

Date: Monday 10 January 2011

Timing: 11:00 hrs

Dial-in Instructions:

- Please call 5 minutes prior to teleconference commencement;
- Dial [Redacted] if in Brisbane, otherwise dial [Redacted]
- When prompted, enter: [Redacted] (Conference Code) # [hash];
- Follow the prompts to state your name and agency details;
- To mute your phone, enter \* [star] and then 6;
- To un-mute your phone, enter # [hash] and then 6.

The format of SDCC teleconferences is below.

DCC's, agencies and the Bureau are again asked to prepare with this agenda in mind.

NB: Attention DDCs: Please provide the pre-meeting details required for the following affected Disaster Districts:

For Monday, 10 January 2011 these will be: Rockhampton, Roma, Gladstone, Bundaberg, Maryborough, Dalby, Gympie, Sunshine Coast, Redcliffe, Brisbane, Roma and Logan.

Pre meeting: affected Disaster Districts are requested to forward statistics as per the tables below to SDCC by 1030.

A reply to this email with the table complete will be fine.

| Evacuation Centres |                                  |
|--------------------|----------------------------------|
| Locations          | Number of evacuations to centres |
|                    |                                  |
|                    |                                  |
|                    |                                  |

| Flooding Effects              | External Flooding (yard and under house) | Internal flooding (across floorboards) |
|-------------------------------|--|--|
| Number of housing inundations |  |  |
| Number business inundations   |  |  |

- Welcome and apologies
- State weather and Hydrology report: BoM

Impact Brief by affected districts. Rockhampton, Roma, Gladstone, Bundaberg, Maryborough, Dalby, Gympie, Sunshine Coast, Redcliffe, Brisbane, Roma and Logan.

- DDC report:
  - Utilities (power, water, telecoms)
  - Transport Infrastructure (access)
  - Major issues;

- Now



- the next 24 hours
  - Projected resupply requirements
  - Agency briefings - by exception
    - Department of Communities
    - Department of Transport and Main Roads
    - Queensland Health
    - Public Works
    - Department of Employment Economic Development and Innovation
  - Mayor's Comment
  - Questions
4. Other District reports by exception; North to South; coastal followed Inland.
5. Next meeting

All reports are to be brief and succinct and if there is no relevant information for input, members should advise 'nil to report'.

=====

#### ***Teleconference Etiquette:***

Please adhere to the following teleconference etiquette guidelines:

- Please *announce your name and where you are from prior to speaking* during the teleconference and when first dialling into the teleconference;
- Please *mute your phone* (if possible) when not talking;
- Please *do not place your phone on 'HOLD'* as any on-hold messages or music is audible during the teleconference;
- If phone muting is not possible, please *minimize any background noise* during the teleconference;
- If using a mobile phone to dial in, please *avoid (if possible) use of the hands-free speaker function* to minimize background noise;
- Please ensure mobile phone devices are kept away from speaker phones to reduce interference during the teleconference.

Regards

**Watch Desk Officer, State Disaster Coordination Centre**  
 Emergency Management Queensland | Department of Community Safety  
 Level 2, Block E, Emergency Services Complex, Kedron, Queensland  
**Phone:** [REDACTED]

This correspondence is for the named persons only. It may contain confidential or privileged information or both. No confidentiality or privilege is waived

All reasonable precautions will be taken to respect the privacy of individuals in accordance with the Information Privacy Act 2009 (Qld). Details on how per

**From:** Anthony Holm [REDACTED] on behalf of SDCC [REDACTED]

**Sent:** Friday, 7 January 2011 6:09 PM

**To:** [REDACTED] DisasterManagement [REDACTED] Andrew Somerville; Reilly Bob; Brett Harrison; pointing.brett [REDACTED] Brian Rolestone; Bruce Grady; Chris Broomfield; Colonel Luke Foster; corinne.mulholland [REDACTED] DCS Media; Best Debbie; Desley Boyle; EMQ Regional Directors; Gavin Holecombe; Gavin Trembath; Gerard Rabelink; GIS Operations; Grant Cassar (ADF); Greg Eustace; Iain Macculloch (EMQ Kedron); Iain MacKenzie; Ian Fletcher; Ian Mitchell; Ian Stewart (QPS); Ian Jennings; Jade Thompson; Jayne Barnes (QAS); Jeff Cheadle; Jim McGowan; John Gaskin [REDACTED] Ryan John; Joshua O'Keefe; Kate van Poelgeest; Ken Smith; kimberley gardiner; Kirsten Roos; Lance M [REDACTED] Leo McNamara; Liam Ferney; Mark Dole; Mark Roche (QFRS); Mark Symons; Max Smith publicworks; Meg Frisby; Michael Hahn (ADF); Michael Kinnane; Adam Shortman [REDACTED] Andrew Goodman; betty kiernan; corinne.mulholland [REDACTED] david.smith [REDACTED] Kate.Lennox [REDACTED] Melissa.Patch [REDACTED] Neil Roberts; scott.chandle [REDACTED] tim.mulhern [REDACTED] Zac Skyring; Natalie MACDONALD publicworks; Neil.Roberts [REDACTED] Owen Sadler (ADF); Patrick Byrne; Paul Lucas; P [REDACTED] Lucas; Pauline Evars; Peta Robertson; Peter Cahill; Peter Twomey; Peter Warrenner; Peter Willett (AG); Artemien Peter; QPS Media; Rai Whitten; hahn.richard [REDACTED] Robbie Medlin; Robert Bundy; Rodney Walz; Sarah Abbott; SDCC Kedron; SDCCOPS; SES Deployments; Shane Chelepy; Shane Wood; socc; socc; Susan Grantham; Trevor VanDam; Warren Bridson; B Hanbidge; Brett pointing; pointing.brett [REDACTED] ddc.bundaberg [REDACTED] u; DDC.Cairns [REDACTED] DDC.Charleville [REDACTED] C.Dalby [REDACTED] adstone [REDACTED] Gold Coast; DD [REDACTED] DDC.inn [REDACTED]; DDC Ipswich; DDC.Logan [REDACTED] DDC.Longreach [REDACTED] DDC.Mackay [REDACTED] DDC.mareeba [REDACTED] DDC.Maryborough [REDACTED] DDC.Redcliffe [REDACTED] DDC.Rockhampton; DDC.Roma [REDACTED] DDC.Sunshine Coast; DDC.Toowoomba [REDACTED] DDC.Townsville [REDACTED] powers.noel [REDACTED] wick [REDACTED] DDC.Brisbane [REDACTED] Mountisa [REDACTED] henderson.andrew [REDACTED] Peter Martin; Alistair Dawson; Brad.Smith [REDACTED] Bruce Gunn; Carolyn Parsons; Craig Bartlett [REDACTED] David Eastman (DIP); Disaster Coordination; Don Bletchly; Fiona Ferrier; graham.atkins [REDACTED] Greg Eustace Health; Ian Dunn (ADF JOSS); Irina Stankovska; Jackie.mooney [REDACTED] Jeff Shelberg; John Cawcutt; john.rossite [REDACTED] Justin Fitzg [REDACTED] Michael Dart; Michael Dicki [REDACTED] cic; Michael Shapland; Neville.MOC [REDACTED] noel.gillard [REDACTED] norm.archer [REDACTED] Patrick Byrne; patrick.j.quirk [REDACTED] Paul Adcock; Peta Robertson; Allen Peter; QAS R5 South East Area Director; Peter Dunn; phil.carmey [REDACTED] Phil Nickerson; russell.howard [REDACTED] sbartlett [REDACTED] State DC Group; trevor.dant [REDACTED] Trevor Leverington; Warren Bridson; roves; Anila.R [REDACTED] Date; C [REDACTED]; Daniel Young; David Boulton; David Eastman; David Hermann; J.Davidson [REDACTED] wright [REDACTED] john.rossite [REDACTED] u; Irat [REDACTED] Michael Dart; Michael Franks; Paul Dimech; hahn.richard [REDACTED] Schwartz Robert; Scott Leonard; Sean Kenny; Steve vauddell [REDACTED]

**Subject:** SDCC Teleconference at 11:00 hrs on Saturday 8 January 2011 for Queensland Flooding

Good Afternoon,

You are invited to participate in a teleconference hosted by the SDCC in relation to the current Queensland floods.

The details of the teleconference are as follows:

**Date:** Saturday 8 January 2011

**Timing:** 11:00 hrs

**Dial-in Instructions:**

- Please call 5 minutes prior to teleconference commencement;
- Dial [REDACTED] if in Brisbane, otherwise dial [REDACTED]
- When prompted, enter: 8656180 [Conference Code] # [hash].
- Follow the prompts to state your name and agency details.
- To mute your phone, enter \* [star] and then 6.
- To un-mute your phone, enter # [hash] and then 6.

From 1100 31 December 2010 the format of SDCC teleconferences will again change slightly. The format is below.

DCC's, agencies and the Bureau are again asked to prepare with this agenda in mind.

**NB: Attention DDCs:** Please provide the pre-meeting details required for the following affected Disaster Districts:

For Saturday, 8 January 2011 these will be:

**Rockhampton, Roma, Gladstone, Bundaberg and Dalby**

**Pre meeting:** affected Disaster Districts **are requested to forward** statistics as per the tables below to SDCC **by 1030**.

A reply to this email with the table complete will be fine.

| Evacuation Centres |                                  |
|--------------------|----------------------------------|
| Locations          | Number of evacuations to centres |
|                    |                                  |
|                    |                                  |
|                    |                                  |

| Flooding Effects              | External Flooding (yard and under house) | Internal flooding (across floorboards) |
|-------------------------------|--|--|
| Number of housing inundations |  |  |
| Number business inundations   |  |  |

1. Welcome and apologies

2. State weather and Hydrology report: BoM

Impact Brief by affected districts. **Rockhampton, Roma, Gladstone, Bundaberg and Dalby**

- DDC report:
  - Utilities (power, water, telecoms)
  - Transport Infrastructure (access)
  - Major issues;
    - Now
    - the next 24 hours
  - Projected resupply requirements
- Agency briefings - by exception
  - Department of Communities
  - Department of Transport and Main Roads
  - Queensland Health
  - Public Works
  - Department of Employment Economic Development and Innovation
- Mayor's Comment
- Questions

4. Other District reports by exception; North to South; coastal followed Inland.

5. Next meeting

All reports are to be brief and succinct and if there is no relevant information for input, members should advise 'nil to report'.

=====

**Teleconference Etiquette:**

Please adhere to the following teleconference etiquette guidelines:

- Please *announce your name and where you are from prior to speaking* during the teleconference and when first dialling into the teleconference;
- Please *mute your phone* (if possible) when not talking;
- Please *do not place your phone on 'HOLD'* as any on-hold messages or music is audible during the teleconference;
- If phone muting is not possible, please *minimize any background noise* during the teleconference;
- If using a mobile phone to dial in, please *avoid (if possible) use of the hands-free speaker function* to minimize background noise;
- Please ensure mobile phone devices are kept away from speaker phones to reduce interference during the teleconference.

**Watch Desk Officer, State Disaster Coordination Centre**  
 Emergency Management Queensland | Department of Community Safety  
 Level 2, Block E, Emergency Services Complex, Kedron, Queensland  
 T: [REDACTED]

This correspondence is for the named persons only. It may contain confidential or privileged information or both. No confidentiality or privilege is waived  
 All reasonable precautions will be taken to respect the privacy of individuals in accordance with the Information Privacy Act 2009 (Qld). Details on how per

**From:** Zubrinich Robert  
**Sent:** Friday, 7 January 2011 6:52 PM  
**To:** joshua .Cooney [REDACTED] Nicola.Hazel [REDACTED] DLO NRMET;  
lance.mccallum [REDACTED] tim.watts [REDACTED] geoff.stead [REDACTED]  
DERM EMG; Boyle Michael; Cook Clive; Pearce Martin; Short Michael; Goulding Gabrielle; Shirreffs Leslie;  
Lenz Anne; Moody Annie; Birchley Michael  
**Cc:** Allen Peter; Himstedt Dale; Tucker Col; Chadburn Lindie; Milligan Graeme; Michaels Paul; Pearce Martin;  
Harycki Kim  
**Subject:** Situation Report  
**Attachments:** 1-KEEPER-875975-SITREP\_No3\_-\_07\_01\_2011\_-\_Queensland\_Floods.doc; SDCC Sitrep 1700 060111.pdf

Dear all

FYI - the DERM Situation Report for 7/1/11 and the State Disaster Coordination Centre Report are attached.

Yours

Rob Zubrinich  
A/Director, Executive and Administration Services  
Tel: [REDACTED] Mobile: [REDACTED]  
Facsimile: [REDACTED]  
e.mail: [REDACTED]  
[www.derm.qld.gov.au](http://www.derm.qld.gov.au)  
Department of Environment and Resource Management  
400 George Street, Brisbane Q 4001  
GPO Box 2454, Brisbane Q 4001

*Nominations for the 2011 Premier's ClimateSmart Sustainability Awards, which recognise Queenslanders who are ClimateSmart champions achieving excellence in sustainability, are open until **Friday 4 March 2011**. For more information on how to enter visit [www.derm.qld.gov.au/premiersawards](http://www.derm.qld.gov.au/premiersawards)*

**From:** Steven Dunn [REDACTED] on behalf of SDCC [REDACTED]  
**Sent:** Tuesday, 11 January 2011 11:04 PM  
**To:** [REDACTED] Aaron Minos; Adam Shortman; Alistair Dawson; [REDACTED] w Somerville; bette kill; Reilly Bob; Brett Harrison; pointing.bretn [REDACTED] Bruce Grady; Chris Broomfield; CIS Health; Colonel Luke Foster; corinne.mulholland [REDACTED] Craig Mills; David Smith; DCS Media; Best Debbie; Desley Boyle; DisasterManagement [REDACTED] Edmund Burke; Eddie Bennet; Peter Twomey; Robbie Medlin; Robert Bundy; Shane Wood; Warren Bridson; Wayne Coutts; Wayne Preedy; floodrecoverytaskforce [REDACTED] Gavin Trembath; Gerard Rabelink; Addie Zannes; [REDACTED] Adrienne; John Arrowsmith; Mark Wallace; Peter Timmers; QFRS GIS Unit; Richard Webb; Glenn Walker; Grant Cassar (ADF); Greg Eustace Health; Harry.VENMANS [REDACTED] Hugh O'Brien; Iain Macculloch (EMQ Kedron); Iain MacKenzie; Ian Fletcher; Ian Mitchell; Ian Stewart (QPS); Ian Jennings; Jade.Thompson; Janet Born; Jayne Barnes (QAS); Jenn.Cheadle; Jim McGowan; John Gaskin [REDACTED] Ryan John; Joshua O'Keefe; Kate van Poelgeest; Kathy Brown; Ken Smith; Kimberley gardiner; Kirsten Roos; Lance McCallum; Lee Johnson; Leo McNamara; Liam Ferney; Lucas Mckennarey (ADF); Mark Dole; Mark Roche (QFRS); Mark Symons; Matt Lipset [REDACTED] icworks; Meg F [REDACTED] Michael Hahn (ADF); Michael Kinnane; Minister's Office; Natalie MACDONALD publicworks; NSW SEOC; Owen Sadler (ADF); owen.paulson [REDACTED] owen.paulson [REDACTED] Patrick Byrne; Paul Lucas; Paul Hobbs; Paul Lucas; Pauline Evans; Peta Robertson; Peter Cahill; Peter Twomey; Peter Warrener; Peter Willeff (AG); Artemieff Peter; QFRS Special Ops; QPS Media; Rai Whitten; hahn.richard [REDACTED] Robbie Medlin; Robert Bundy; Rodney Walz; Roger Lye; [REDACTED] Sarah Abbott; SDCC Kedron; SDCCINT; SDCCOPS; SES Deployments; SES Vic DO; Shane Chelepy; Shane Wood; SHECC; shec [REDACTED] socc; soc [REDACTED] Susan Grantham; Tim Wiebusch Vic SES; Tracey Rees; Trevor VanDam; Warren Bridson; B Hanbidge; Brett pointing; pointing.bretn [REDACTED] codd.brian [REDACTED] ddc.bundaberg [REDACTED] DDC.Cairns [REDACTED] u; DDC.Charleville [REDACTED] DDC.Dalby [REDACTED] DDC.Gladstone [REDACTED] DDC.Gold Co [REDACTED] DD [REDACTED] ogan [REDACTED] DDC.Longreach [REDACTED] DDC.Mackay [REDACTED] DDC.mareeba [REDACTED] DDC.Maryborough [REDACTED] DDC.Redcliffe [REDACTED] DDC.Rockhampton; DDC.Roma [REDACTED] DDC.Sunshine Coast; DDC.Toowoomba [REDACTED] DDC.Townsville [REDACTED] powers.noel [REDACTED] DDC.Warwick [REDACTED] DDC.Brisbane [REDACTED] DDC.Mountliss [REDACTED] Henderson.andrew [REDACTED] Shortman; Alistair Dawson; Andrew Goodman; betty.kierman; Bruce Grady; Colonel Luke Foster; Corinne Mulholland; David Smith; DCS Media Officers; DisasterManagement [REDACTED] Graeme Newton (DIP); Iain Macculloch (EMQ Kedron); Iain MacKenzie; Ian Fletcher; Ian Mitchell; Jackie Mooney; Jim McGowan; karen.moss [REDACTED] Kate Lennox; Ken Smith; Melissa Patch; Michael Kinnane; Michael Shapland; Minister's Office; Neil Roberts; Owen Sadler (ADF); Patrick Byrne; Paul Lucas; PCC State Duty Officer; Peta Robertson; QPS Media; hahn.richard [REDACTED] Scott Chandler; SDCC Kedron; Shane Chelepy; Tim Mulheri [REDACTED] arren Bridson; Zachary Skyring; Eddie Bennet [REDACTED] bbie Medlin; Robert Bundy; Shane wood; wayne Coutts; Wayne Preedy; Alistair Dawson; Brad.Smith [REDACTED] Bruce Gunn; Carolyn Parsons; Craig.Bartlett [REDACTED] David Eastman (DIP); Disaster Coordination; Don Bletchly; Fiona Ferrier; graham.atkins [REDACTED] Greg Eustace Health; Ian Dunn (ADF JOSS); Irina Stankovska; Jackie.mooney [REDACTED] Jeff.Shelberg [REDACTED] John Cawcutt [REDACTED] John.rossite [REDACTED] Justi [REDACTED] ar [REDACTED] Michael; Michael Dart; michae [REDACTED] ael Pecic; Michael.Shapland [REDACTED] Neville.MO [REDACTED] noel.gillard [REDACTED] norm.arche [REDACTED] Patrick Byrne; patrick.j.quirk [REDACTED] Paul.Adcock [REDACTED] Peta Robertson; Allen Peter; Peter Chapman; Peter Dunn; phil.carmey [REDACTED] Phil.Nickerson [REDACTED] russell.toward [REDACTED] sbartlett [REDACTED] DC Group; trevor.dann [REDACTED] Trevor Leverington; Warren Bridson; Aaron Groves; Anila [REDACTED] Bernard.Frembati [REDACTED] Bill Date; Conrad Adams; Daniel Altott; Daniel Young; David Boulton; David Eastman; David.Herman [REDACTED] J.Davidson [REDACTED] john.g.wright [REDACTED] John.rossite [REDACTED] Irat [REDACTED] u; Michael Dart; Mike franks; Paul Dimech; hahn.richard [REDACTED] Schwartz Robert; Scott Leonard; Sean Kenny; Steve Waddell; bette kill acting DG till 24 Jan 11; Bob Atkinson (QPS); pointing.bretn [REDACTED] Bruce Grady; Colonel Luke Foster; David Stewart (DTMR); Deb Watkins SDMG QPS; Gerard Bradley (Treasury); Graeme Newton (DIP); greg\_hall [REDACTED] an.fletcher [REDACTED] Jeannette Young; Jim McGowan; Bradley John; Julie Grantham (DET); Ken Smith (DPC); Linda Apelt (DoC); Mal Grierson (DPW); Mick\_Reid [REDACTED] Natalie.Macdonald acting DG DPW till 18 Jan 11; Philip Reed; Ian Thomas

**Attachments:** DOC110111-015.pdf

Good Evening,

Please find attached SDCC Sitrep No 19 as at 20:00 hours in relation to the Central Coast Flooding December 2010.

Regards,

**Watch Desk Officer, State Disaster Coordination Centre**

Emergency Management Queensland | Department of Community Safety

Level 2, Block E, Emergency Services Complex, Kedron, Queensland

Phone: [REDACTED]

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Regards,

**Watch Desk Officer, State Disaster Coordination Centre**

Emergency Management Queensland | Department of Community Safety

Level 2, Block E, Emergency Services Complex, Kedron, Queensland

Phone: [REDACTED]

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**Subject:** Updated: DERM Incident Control Team  
**Location:** Floor 13 Conference Room, 400 George Street

**Start:** Thu 6/01/2011 8:30 AM  
**End:** Thu 6/01/2011 9:30 AM  
**Show Time As:** Tentative

**Recurrence:** Daily  
**Recurrence Pattern:** every weekday from 8:30 AM to 9:30 AM

**Meeting Status:** Not yet responded

**Required Attendees:** DERM EMG; Birchley Michael; Zubrinich Robert; Boyle Michael; Cook Clive; Short Michael; Barnes Nicola; Hutchison Peter; Shirreffs Leslie; Michaels Paul

**Optional Attendees:** Mcnamara James; Lenz Anne; Best Debbie; Wilde Natalie; Withers Greg; Anderson Jodie; Leverington Andrea

As per email sent from Damien Brown, DERM Disaster Management Coordinator, details for the daily meetings for the DERM Incident Control Team for the next 2 weeks.

For those external to 400 George Street, could you please advise if you will be teleconferencing in.

**Teleconference details are as follows:**

Please dial [REDACTED]

And enter pass code [REDACTED] #



2-KEEPER-806993-  
Final\_Departme...

**From:** Best Debbie  
**Sent:** Saturday, 8 January 2011 9:17 AM  
**To:** ken.smith  
**Subject:** Fw: Water Grid operations update: 8/1/11

**Attachments:** Technical Situation Report W31.docx



Technical Situation  
Report W31...

Ken

A bit of action in SE which you need to be aware of. WGM is liaising with the LDMG.  
Debbie

----- Original Mess

From: Dan Spiller <>  
To: stephen.robert <>  
<stephen.robert> Lance McCal  
(lance. nce.mcca >; Tim  
Watts <> ff  
Stead <>  
lauren. <>bbie;  
Martin.Pete  
Dunn.KerryG  
Cc: Rob  
mfoster@  
Reilly B dgwick.DarrenT  
Denner Scott @ SEQWGM  
Sent: Sat Jan 08 08:59:30 2011  
Subject: Water Grid operations update: 8/1/11

All,

Dam releases

Attached is the current technical situation report.

Releases are being made from Somerset, Wivenhoe, North Pine and Leslie Harrison dams, with forecasts of high rainfall totals over the next four days.

For Wivenhoe Dam:

- \* All five gates are now open with the release rate planned to increase to 1200 cubic metres per second by midday today. This release rate is less than peak release from October 2010.
- \* The release strategy will continue to be reviewed based on actual rainfall. With significant inflows, it may need to be increased.
- \* As advised yesterday, a number of local birdges have been inundated by releases and local flows. The Fernvale and Mt Crosby Weir Bridges could potentially also be affected if predicted rainfall totals eventuate.
- \* The BoM and Seqwater concur that current releases will increase the level of the lower Brisbane River by about 50 to 100mm. There is currently a 40 to 50mm atmospheric anomaly.

Releases from North Pine and Leslie Harrison dams are continuing. Releases from Hinze Dam are expected to be required over the weekend.

Water treatment

In terms of operations, Lockyer Valley flows have again caused a turbidity spike in the Brisbane River. Impacts are expected to peak today at Mt Crosby today, before being diluted by dam releases. There are similar issues at some other locations.

Despite the spike, all key plants are currently operating within critical limits with



any impacts being monitored. Seqwater and Linkwater have prepared for potential issues by increasing treated water storage and staffing at some treatment plants. Desalination is at one-third capacity and ready to increase production within two hours of an instruction (but is unlikely to be required in this event).

With forecast rainfall, these type of issues are likely to recur over the remainder of the wet season.

Please call me on [REDACTED] if you require any further information.

Regards,  
Dan

---

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[REDACTED]

---

**From:** Best Debbie  
**Sent:** Saturday, 8 January 2011 9:53 AM  
**To:** ken.smith [REDACTED]  
**Subject:** Fw: Water Grid operations update: 8/1/11

A summary of impacts

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

From: Dan Spiller <Daniel.Spiller [REDACTED]>  
To: Best Debbie  
Sent: Sat Jan 08 09:47:48 2011  
Subject: RE: Water Grid operations update: 8/1/11

Debbie,

We expect river levels to be similar to yesterday, and again due to tides rather than releases.

River yesterday peaked at about 1.85 metres at the Port Office gauge. The high peak was due almost entirely due to tides and a 0.4 to 0.5 metre atmospheric anomaly.

BoM and Seqwater agree that flows of 1500 cumecs over Mt Crosby will contribute about 0.05m (50mm) to peak river levels at the Port Office gauge. We are planning to release at 1200 cumecs from midday, with an allowance for Lockyer Valley flows (which peaked at about 500 cumecs this week and are reducing). For interest only, the impact on low tide levels is greater - meaning that there is less variation in river levels.

The key risk will be if the high rainfall eventuates (200mm over four days). We will review as this occurs, but in the meantime it is important that we get the flood storage compartment down to give ourselves some flexibility.

Looking forward, we are preparing a more detailed brief on potential scenarios with the upcoming January and February peak tides. The challenge is that river levels are due to about five different factors, of which only tides can be predicted this far out. Atmospheric anomalies can only be predicted a few days out.

Short answer is that we expect ongoing low level flooding (defined by BCC as 1.7m at the Port Office gauge). Moderate Brisbane River flooding as defined by BCC would still require significantly larger releases than have been made at any time since Wivenhoe Dam was completed, potentially combined with another large atmospheric anomaly. Note that local flooding can occur for a range of other reasons, as flagged in the CM today.

Hope this helps.

Dan

---

From: Best Debbie [REDACTED]  
Sent: Saturday, 8 [REDACTED]  
To: Dan Spiller  
Subject: Fw: Water Grid operations update: 8/1/11

Dan you give detail?  
Debbie

----- Original M

From: Ken Smith [REDACTED]  
To: Best Debbie  
Sent: Sat Jan 08 09:26:23 2011  
Subject: Re: Water Grid operations update: 8/1/11

Thanks Deb. Can't access the attachment at home. Likelihood of localised flooding?

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

From: Best Debbie [REDACTED] >  
To: Ken Smith  
Sent: Sat Jan 08 09:16:40 2011  
Subject: Fw: Water Grid operations update: 8/1/11

Ken  
A bit of action in SE which you need to be aware of. WGM is liaising with the LDMG.  
Debbie

----- Original Mes

From: Dan Spiller [REDACTED]  
To: stephen.robert [REDACTED]

[REDACTED] Lance McCal  
[REDACTED] nce.mcca [REDACTED] Tim  
[REDACTED] t [REDACTED] ff  
Stead ( [REDACTED] ;  
lauren.sims [REDACTED] ebbie;  
Martin.Pete [REDACTED]  
Dunn.KerryG@ [REDACTED]  
Cc: Rob [REDACTED] >;  
mfoster [REDACTED] WG  
Reilly [REDACTED] dgwick.DarrenT [REDACTED] ;  
Denner Scott @ SEQWGM  
Sent: Sat Jan 08 08:59:30 2011  
Subject: Water Grid operations update: 8/1/11

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With forecast rainfall, these type of issues are likely to recur over the remainder of the wet season.

Please call me on [REDACTED] if you require any further information.

Regards,  
Dan

---

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+-----+  
Think B4U Print  
1 ream of paper = 6% of a tree and 5.4kg CO2 in the atmosphere  
3 sheets of A4 paper = 1 litre of water  
+-----+

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-----  
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# Phone Bill for the Month of January 2011

Page: 7 of 10

|                          |           |          |         |             |       |         |      |
|--------------------------|-----------|----------|---------|-------------|-------|---------|------|
| NATIONAL DIRECT - Mobile | 09-Jan-11 | 10:02 am | Telstra | KEPERRA WST | 7:18  | \$0.10  | NW   |
| NATIONAL DIRECT - Mobile | 09-Jan-11 | 10:18 am | Telstra | KEPERRA WST | 3:01  | \$0.48  | NW   |
| NATIONAL DIRECT - Mobile | 09-Jan-11 | 10:55 am | Telstra | KEPERRA WST | 61:44 | \$19.75 | CDNW |
| NATIONAL DIRECT - Mobile | 09-Jan-11 | 3:52 pm  | Telstra | KEPERRA WST | 4:15  | \$1.36  | NW   |
| NATIONAL DIRECT - Mobile | 09-Jan-11 | 8:25 pm  | Telstra | KEPERRA WST | 0:53  | \$0.14  | NOW  |
| NATIONAL DIRECT - Mobile | 09-Jan-11 | 8:28 pm  | Telstra | KEPERRA WST | 0:06  | \$0.02  | NOW  |
| NATIONAL DIRECT - Mobile | 09-Jan-11 | 8:29 pm  | Telstra | KEPERRA WST | 2:54  | \$0.46  | NOW  |
| NATIONAL DIRECT - Mobile | 09-Jan-11 | 8:33 pm  | Telstra | KEPERRA WST | 2:06  | \$0.34  | NOW  |
| NATIONAL DIRECT - Mobile | 09-Jan-11 | 8:49 pm  | Telstra | KEPERRA WST | 3:16  | \$1.04  | NOW  |
| NATIONAL DIRECT - Mobile | 09-Jan-11 | 8:53 pm  | Telstra | KEPERRA WST | 0:02  | \$0.01  | NOW  |
| NATIONAL DIRECT - Mobile | 10-Jan-11 | 11:11 am | Telstra | BRISBANE    | 0:33  | \$0.18  | N    |
| NATIONAL DIRECT - Mobile | 10-Jan-11 | 1:55 pm  | Telstra | ANN STREET  | 1:34  | \$0.25  | N    |
| NATIONAL DIRECT - Mobile | 10-Jan-11 | 2:44 pm  | Telstra | ANN STREET  | 5:11  | \$0.10  | N    |
| NATIONAL DIRECT - Mobile | 10-Jan-11 | 3:26 pm  | Telstra | TURBOT ST   | 0:42  | \$0.11  | N    |
| NATIONAL DIRECT - Mobile | 10-Jan-11 | 3:39 pm  | Telstra | BRISBANE    | 6:49  | \$0.10  | N    |
| NATIONAL DIRECT - Mobile | 10-Jan-11 | 3:48 pm  | Telstra | ANN STREET  | 0:31  | \$0.17  | N    |
| NATIONAL DIRECT - Mobile | 10-Jan-11 | 4:48 pm  | Telstra | ANN STREET  | 5:13  | \$0.10  | N    |
| NATIONAL DIRECT - Mobile | 10-Jan-11 | 5:29 pm  | Telstra | ANN STREET  | 0:25  | \$0.13  | N    |
| NATIONAL DIRECT - Mobile | 10-Jan-11 | 5:30 pm  | Telstra | ANN STREET  | 0:08  | \$0.04  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 6:04 am  | Telstra | KEPERRAWEST | 3:06  | \$0.50  | NO   |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 6:47 am  | Telstra | KEPERRA WST | 2:43  | \$0.43  | NO   |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 7:04 am  | Telstra | KEPERRA WST | 0:29  | \$0.16  |      |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 7:07 am  | Telstra | KEPERRA WST | 0:12  | \$0.03  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 7:08 am  | Telstra | KEPERRA WST | 1:28  | \$0.24  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 7:10 am  | Telstra | KEPERRA WST | 4:14  | \$0.67  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 8:53 am  | Telstra | TURBOT ST   | 1:40  | \$0.54  |      |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 9:30 am  | Telstra | ALBERT ST   | 2:38  | \$0.84  |      |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 9:35 am  | Telstra | MARY STREET | 0:06  | \$0.02  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 9:47 am  | Telstra | BRISBANECBD | 0:58  | \$0.10  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 9:49 am  | Telstra | BRISBANECBD | 0:06  | \$0.01  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 9:49 am  | Telstra | BRISBANECBD | 0:31  | \$0.17  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 9:55 am  | Telstra | BRISBANECBD | 2:17  | \$0.73  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 10:10 am | Telstra | BRISBANECBD | 1:39  | \$0.10  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 10:20 am | Telstra | BRISBANECBD | 0:05  | \$0.10  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 10:20 am | Telstra | BRISBANECBD | 0:36  | \$0.19  |      |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 10:31 am | Telstra | BRISBANECBD | 0:43  | \$0.23  |      |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 10:42 am | Telstra | BRISBANECBD | 0:26  | \$0.14  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 10:46 am | Telstra | BRISBANECBD | 0:28  | \$0.15  |      |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 10:47 am | Telstra | BRISBANECBD | 0:04  | \$0.10  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 10:47 am | Telstra | BRISBANECBD | 0:05  | \$0.01  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 10:48 am | Telstra | BRISBANECBD | 1:46  | \$0.10  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 10:55 am | Telstra | BRISBANECBD | 0:05  | \$0.10  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 10:55 am | Telstra | BRISBANECBD | 0:05  | \$0.10  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 10:56 am | Telstra | BRISBANECBD | 0:33  | \$0.10  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 12:02 pm | Telstra | MARY STREET | 1:58  | \$0.63  |      |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 12:14 pm | Telstra | BRISBANE    | 0:11  | \$0.03  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 12:25 pm | Telstra | BRISBANE    | 0:19  | \$0.10  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 12:28 pm | Telstra | BRISBANE    | 0:27  | \$0.07  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 12:32 pm | Telstra | GEORGE ST E | 0:49  | \$0.10  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 1:13 pm  | Telstra | ANN STREET  | 0:50  | \$0.13  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 3:09 pm  | Telstra | ANN STREET  | 0:36  | \$0.20  |      |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 5:59 pm  | Telstra | ANN STREET  | 0:28  | \$0.14  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 6:52 pm  | Telstra | FERNY HILLS | 0:02  | \$0.02  | NO   |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 6:52 pm  | Telstra | KEPERRA WST | 0:03  | \$0.01  | NO   |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 6:55 pm  | Telstra | KEPERRA WST | 0:12  | \$0.07  | NO   |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 7:05 pm  | Telstra | KEPERRA WST | 0:02  | \$0.01  | NO   |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 7:13 pm  | Telstra | KEPERRA WST | 0:01  | \$0.00  | NO   |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 7:28 pm  | Telstra | KEPERRA WST | 5:01  | \$0.10  | NO   |
| NATIONAL DIRECT - Mobile | 12-Jan-11 | 6:09 am  | Telstra | KEPERRA WST | 8:13  | \$0.10  | NO   |
| NATIONAL DIRECT - Mobile | 12-Jan-11 | 6:47 am  | Telstra | KEPERRA WST | 0:35  | \$0.19  | NO   |
| NATIONAL DIRECT - Mobile | 12-Jan-11 | 7:13 am  | Telstra | KEPERRA     | 0:40  | \$0.10  | N    |
| NATIONAL DIRECT - Mobile | 12-Jan-11 | 8:12 am  | Telstra | ANN STREET  | 3:49  | \$0.10  | N    |
| NATIONAL DIRECT - Mobile | 12-Jan-11 | 10:37 am | Telstra | W'GABBA     | 0:04  | \$0.02  | N    |
| NATIONAL DIRECT - Mobile | 12-Jan-11 | 11:21 am | Telstra | W'GABBA     | 1:41  | \$0.54  | N    |
| NATIONAL DIRECT - Mobile | 12-Jan-11 | 1:10 pm  | Telstra | W'GABBA     | 0:54  | \$0.29  | N    |
| NATIONAL DIRECT - Mobile | 12-Jan-11 | 1:19 pm  | Telstra | W'GABBA     | 2:56  | \$0.10  | N    |
| NATIONAL DIRECT - Mobile | 12-Jan-11 | 1:28 pm  | Telstra | RED HILL    | 1:15  | \$0.20  | N    |
| NATIONAL DIRECT - Mobile | 12-Jan-11 | 2:44 pm  | Telstra | KEPERRAWEST | 1:38  | \$0.10  | N    |
| NATIONAL DIRECT - Mobile | 12-Jan-11 | 2:56 pm  | Telstra | KEPERRAWEST | 0:54  | \$0.10  | N    |
| NATIONAL DIRECT - Mobile | 12-Jan-11 | 2:57 pm  | Telstra | KEPERRAWEST | 0:42  | \$0.10  | N    |
| NATIONAL DIRECT - Mobile | 12-Jan-11 | 4:58 pm  | Telstra | KEPERRAWEST | 2:53  | \$0.92  | N    |
| NATIONAL DIRECT - Mobile | 12-Jan-11 | 6:02 pm  | Telstra | KEPERRA WST | 5:46  | \$0.10  | NO   |

## Exceptions:

C = Call cost more than \$2.00; D = Call longer than 15 minutes; N = Call made to non-departmental number;  
O = Call made between 6:00pm and 7:00am; V = Voicemail; W = Call made on weekend

# Phone Bill for the Month of January 2011

Page: 7 of 10

|                          |           |          |         |             |       |         |      |
|--------------------------|-----------|----------|---------|-------------|-------|---------|------|
| NATIONAL DIRECT - Mobile | 09-Jan-11 | 10:02 am | Telstra | KEPERRA WST | 7:18  | \$0.10  | NW   |
| NATIONAL DIRECT - Mobile | 09-Jan-11 | 10:18 am | Telstra | KEPERRA WST | 3:01  | \$0.48  | NW   |
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| NATIONAL DIRECT - Mobile | 09-Jan-11 | 3:52 pm  | Telstra | KEPERRA WST | 4:15  | \$1.36  | NW   |
| NATIONAL DIRECT - Mobile | 09-Jan-11 | 8:25 pm  | Telstra | KEPERRA WST | 0:53  | \$0.14  | NOW  |
| NATIONAL DIRECT - Mobile | 09-Jan-11 | 8:28 pm  | Telstra | KEPERRA WST | 0:06  | \$0.02  | NOW  |
| NATIONAL DIRECT - Mobile | 09-Jan-11 | 8:29 pm  | Telstra | KEPERRA WST | 2:54  | \$0.46  | NOW  |
| NATIONAL DIRECT - Mobile | 09-Jan-11 | 8:33 pm  | Telstra | KEPERRA WST | 2:06  | \$0.34  | NOW  |
| NATIONAL DIRECT - Mobile | 09-Jan-11 | 8:49 pm  | Telstra | KEPERRA WST | 3:16  | \$1.04  | NOW  |
| NATIONAL DIRECT - Mobile | 09-Jan-11 | 8:53 pm  | Telstra | KEPERRA WST | 0:02  | \$0.01  | NOW  |
| NATIONAL DIRECT - Mobile | 10-Jan-11 | 11:11 am | Telstra | BRISBANE    | 0:33  | \$0.18  | N    |
| NATIONAL DIRECT - Mobile | 10-Jan-11 | 1:55 pm  | Telstra | ANN STREET  | 1:34  | \$0.25  | N    |
| NATIONAL DIRECT - Mobile | 10-Jan-11 | 2:44 pm  | Telstra | ANN STREET  | 5:11  | \$0.10  | N    |
| NATIONAL DIRECT - Mobile | 10-Jan-11 | 3:26 pm  | Telstra | TURBOT ST   | 0:42  | \$0.11  | N    |
| NATIONAL DIRECT - Mobile | 10-Jan-11 | 3:39 pm  | Telstra | BRISBANE    | 6:49  | \$0.10  | N    |
| NATIONAL DIRECT - Mobile | 10-Jan-11 | 3:48 pm  | Telstra | ANN STREET  | 0:31  | \$0.17  | N    |
| NATIONAL DIRECT - Mobile | 10-Jan-11 | 4:48 pm  | Telstra | ANN STREET  | 5:13  | \$0.10  | N    |
| NATIONAL DIRECT - Mobile | 10-Jan-11 | 5:29 pm  | Telstra | ANN STREET  | 0:25  | \$0.13  | N    |
| NATIONAL DIRECT - Mobile | 10-Jan-11 | 5:30 pm  | Telstra | ANN STREET  | 0:08  | \$0.04  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 6:04 am  | Telstra | KEPERRAWEST | 3:06  | \$0.50  | NO   |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 6:47 am  | Telstra | KEPERRA WST | 2:43  | \$0.43  | NO   |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 7:04 am  | Telstra | KEPERRA WST | 0:29  | \$0.16  |      |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 7:07 am  | Telstra | KEPERRA WST | 0:12  | \$0.03  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 7:08 am  | Telstra | KEPERRA WST | 1:28  | \$0.24  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 7:10 am  | Telstra | KEPERRA WST | 4:14  | \$0.67  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 8:53 am  | Telstra | TURBOT ST   | 1:40  | \$0.54  |      |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 9:30 am  | Telstra | ALBERT ST   | 2:38  | \$0.84  |      |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 9:35 am  | Telstra | MARY STREET | 0:06  | \$0.02  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 9:47 am  | Telstra | BRISBANECBD | 0:58  | \$0.10  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 9:49 am  | Telstra | BRISBANECBD | 0:06  | \$0.01  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 9:49 am  | Telstra | BRISBANECBD | 0:31  | \$0.17  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 9:55 am  | Telstra | BRISBANECBD | 2:17  | \$0.73  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 10:10 am | Telstra | BRISBANECBD | 1:39  | \$0.10  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 10:20 am | Telstra | BRISBANECBD | 0:05  | \$0.10  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 10:20 am | Telstra | BRISBANECBD | 0:36  | \$0.19  |      |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 10:31 am | Telstra | BRISBANECBD | 0:43  | \$0.23  |      |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 10:42 am | Telstra | BRISBANECBD | 0:26  | \$0.14  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 10:46 am | Telstra | BRISBANECBD | 0:28  | \$0.15  |      |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 10:47 am | Telstra | BRISBANECBD | 0:04  | \$0.10  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 10:47 am | Telstra | BRISBANECBD | 0:05  | \$0.01  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 10:48 am | Telstra | BRISBANECBD | 1:46  | \$0.10  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 10:55 am | Telstra | BRISBANECBD | 0:05  | \$0.10  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 10:55 am | Telstra | BRISBANECBD | 0:05  | \$0.10  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 10:56 am | Telstra | BRISBANECBD | 0:33  | \$0.10  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 12:02 pm | Telstra | MARY STREET | 1:58  | \$0.63  |      |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 12:14 pm | Telstra | BRISBANE    | 0:11  | \$0.03  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 12:25 pm | Telstra | BRISBANE    | 0:19  | \$0.10  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 12:28 pm | Telstra | BRISBANE    | 0:27  | \$0.07  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 12:32 pm | Telstra | GEORGE ST E | 0:49  | \$0.10  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 1:13 pm  | Telstra | ANN STREET  | 0:50  | \$0.13  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 3:09 pm  | Telstra | ANN STREET  | 0:36  | \$0.20  |      |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 5:59 pm  | Telstra | ANN STREET  | 0:28  | \$0.14  | N    |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 6:52 pm  | Telstra | FERNY HILLS | 0:02  | \$0.02  | NO   |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 6:52 pm  | Telstra | KEPERRA WST | 0:03  | \$0.01  | NO   |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 6:55 pm  | Telstra | KEPERRA WST | 0:12  | \$0.07  | NO   |
| NATIONAL DIRECT - Mobile | 11-Jan-11 | 7:05 pm  | Telstra | KEPERRA WST | 0:02  | \$0.01  | NO   |
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| NATIONAL DIRECT - Mobile | 11-Jan-11 | 7:28 pm  | Telstra | KEPERRA WST | 5:01  | \$0.10  | NO   |
| NATIONAL DIRECT - Mobile | 12-Jan-11 | 6:09 am  | Telstra | KEPERRA WST | 8:13  | \$0.10  | NO   |
| NATIONAL DIRECT - Mobile | 12-Jan-11 | 6:47 am  | Telstra | KEPERRA WST | 0:35  | \$0.19  | NO   |
| NATIONAL DIRECT - Mobile | 12-Jan-11 | 7:13 am  | Telstra | KEPERRA     | 0:40  | \$0.10  | N    |
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| NATIONAL DIRECT - Mobile | 12-Jan-11 | 10:37 am | Telstra | W'GABBA     | 0:04  | \$0.02  | N    |
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| NATIONAL DIRECT - Mobile | 12-Jan-11 | 1:10 pm  | Telstra | W'GABBA     | 0:54  | \$0.29  | N    |
| NATIONAL DIRECT - Mobile | 12-Jan-11 | 1:19 pm  | Telstra | W'GABBA     | 2:56  | \$0.10  | N    |
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| NATIONAL DIRECT - Mobile | 12-Jan-11 | 2:44 pm  | Telstra | KEPERRAWEST | 1:38  | \$0.10  | N    |
| NATIONAL DIRECT - Mobile | 12-Jan-11 | 2:56 pm  | Telstra | KEPERRAWEST | 0:54  | \$0.10  | N    |
| NATIONAL DIRECT - Mobile | 12-Jan-11 | 2:57 pm  | Telstra | KEPERRAWEST | 0:42  | \$0.10  | N    |
| NATIONAL DIRECT - Mobile | 12-Jan-11 | 4:58 pm  | Telstra | KEPERRAWEST | 2:53  | \$0.92  | N    |
| NATIONAL DIRECT - Mobile | 12-Jan-11 | 6:02 pm  | Telstra | KEPERRA WST | 5:46  | \$0.10  | NO   |

## Exceptions:

C = Call cost more than \$2.00; D = Call longer than 15 minutes; N = Call made to non-departmental number;  
O = Call made between 6:00pm and 7:00am; V = Voicemail; W = Call made on weekend

**From:** Kathy Reilly [REDACTED]  
**Sent:** Friday, 14 January 2011 5:27 PM  
**To:** Best Debbie  
**Subject:** Fw: Fwd: Flood Mitigation Manual review

**Attachments:** Scan 1.pdf; Brian Cooper - final report.docx; Brian Cooper - final report attachment.xlsx; Wivenhoe Dam Background\_Briefing\_Jan\_2011[1].docx



Scan 1.pdf



Brian Cooper - final  
report.do...



Brian Cooper - final  
report at...



Wivenhoe Dam  
Background\_Briefi...

Hi debbie

the blackberry has statred working again, and this was sitting there. Unfortunately, I cannot open the attachments, but the covering letter from Barry indicates a positive outcome. (If you can open the attachments could you please scan and e,mail back to me). The Premier mentioned the review in her press conference this afternoon, so there will be questions about it.

Regards

bob

----- Original Mess  
From: "Reilly Bob" [REDACTED]  
To: <threereillys@seqwg.com.au>  
Sent: Friday, Jan 14, 2011 4:46 PM  
Subject: Fw: Fwd: Flood Mitigation Manual review

>  
>  
> ----- Original Messa  
> From: Elaina Smouha [REDACTED]  
> To: Allen Peter; p [REDACTED] <pborr [REDACTED]>; Reilly  
> Bob; Gary.Humphrys [REDACTED] Humphrys [REDACTED]  
> Gary @ SEQWGM  
> Sent: Thu Jan 13 16:51:54 2011  
> Subject: Fwd: Flood Mitigation Manual review  
>  
> Dear All  
>  
> Attached is a copy of the letter and accompanying reports to Minister  
> Robertson regarding operations against the Flood Mitigation Manual.  
>  
> Regards  
>  
> Elaina  
>  
>  
> Elaina Smouha  
>  
> Director, Governance and Regulatory Compliance  
>  
> SEQ Water Grid Manager  
>  
> Phone: [REDACTED]  
>  
> Email: [REDACTED]  
> <mailto:[REDACTED]>  
>  
> Visit: Level 15, 53 Albert Street Brisbane  
>  
> Post: PO Box 16205, City East QLD 4002

>  
> ABN: 14783 317 630  
>  
>  
>  
> ----- Forwarded  
> From: Elaina Smouha <[REDACTED]>  
> Date: Thu, Jan 13, 20[REDACTED]  
> Subject: Flood Mitigation Manual Review  
> To: tim.watts [REDACTED]  
> Cc: john.brad [REDACTED]; n.smith [REDACTED],  
> barry.dennier [REDACTED]  
>  
>  
>  
> Tim,  
>  
> Attached is the independent review of Somerset and Wivenhoe Dam operations  
> against the Flood Mitigation Manual and a briefing note from Seqwater on  
> the development of the Manual.  
>  
> Kind regards  
>  
> Elaina  
>  
>  
> Elaina Smouha  
>  
> Director, Governance and Regulatory Compliance  
>  
> SEQ Water Grid Manager  
>  
> Phone: [REDACTED]  
>  
> [REDACTED]  
>  
> Visit: Level 15, 53 Albert Street Brisbane  
>  
> Post: PO Box 16205, City East QLD 4002  
>  
> ABN: 14783 317 630  
>  
>  
>  
>  
>  
> +-----+  
> Think B4U Print  
> 1 ream of paper = 6% of a tree and 5.4kg CO2 in the atmosphere  
> 3 sheets of A4 paper = 1 litre of water  
> +-----+  
>  
>  
>



[REDACTED]

---

**From:** Reilly Bob  
**Sent:** Friday, 14 January 2011 6:30 PM  
**To:** Best Debbie  
**Subject:** Fw: independent wivenhoe dam report

Fyi

Bob

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

From: Lenz Anne  
To: Michaels Paul  
Cc: Reilly Bob  
Sent: Fri Jan 14 17:47:32 2011  
Subject: independent wivenhoe dam report

and its release...

apparently the premier made some sta [REDACTED] if enquiries come in - Bob Reilly is the first contact. His mobile number - [REDACTED].

Kind regards

Anne

A/Assistant Director General

Environment and Natural Resource Regulation

Department of Environment and Resource Management

Level 7, 400 George Street BRISBANE Q 4000

GPO Box 2454 BRISBANE Q 4000

[REDACTED] Facsimile: [REDACTED] (Please note contact only by mobile on [REDACTED] eek)

E-mail: [REDACTED]

Visit us on the web at [www.derm.qld.gov.au](http://www.derm.qld.gov.au) <blocked::outbind://93/www.derm.qld.gov.au>

[REDACTED]

---

**From:** Kathy Reilly [threereillys [REDACTED]]  
**Sent:** Friday, 14 January 2011 6:27 PM  
**To:** Best Debbie  
**Subject:** Re: Fwd: Flood Mitigation Manual review

Hi Debbie

Thanks--I could open these.

Regards

Bob

----- Original Message  
From: "Best Debbie" [REDACTED] >  
To: "Kathy Reilly" [REDACTED]  
Sent: Friday, January 14, 2011 6:27 PM  
Subject: RE: Fwd: Flood Mitigation Manual review

See if you can open these

-----Original Message  
From: Kathy Reilly [REDACTED]  
Sent: Friday, 14 January 2011 6:27 PM  
To: Best Debbie  
Subject: Fw: Fwd: Flood Mitigation Manual review

Hi debbie

the blackberry has started working again, and this was sitting there. Unfortunately, I cannot open the attachments, but the covering letter from Barry indicates a positive outcome. (If you can open the attachments could you please scan and e,mail back to me). The Premier mentioned the review in her press conference this afternoon, so there will be questions about it.

Regards

bob

----- Original Message  
From: [REDACTED]  
To: [REDACTED]  
Sent: Friday, January 14, 2011 6:46 PM  
Subject: Fw: Fwd: Flood Mitigation Manual review

>  
>  
> ----- Original Message  
> From: Elaina Smouha <[REDACTED]>  
> To: Allen Peter; pborrows [REDACTED] <pborrows [REDACTED]>;  
Reilly  
> Bob; Gary.Humphrys [REDACTED] <[REDACTED]>;  
Humphrys  
> Gary @ SEQWGM  
> Sent: Thu Jan 13 16:51:54 2011  
> Subject: Fwd: Flood Mitigation Manual review  
>  
> Dear All  
>  
> Attached is a copy of the letter and accompanying reports to Minister  
> Robertson regarding operations against the Flood Mitigation Manual.  
>

> Regards  
>  
> Elaina  
>  
>  
> Elaina Smouha  
>  
> Director, Governance and Regulatory Compliance  
>  
> SEQ Water Grid Manager  
>  
> Phone: ( [REDACTED] | Mobile: [REDACTED] | Fax: ( [REDACTED]  
>  
> Email: e [REDACTED]  
> <mailto:[REDACTED]>  
>  
> Visit: Level 15, 53 Albert Street Brisbane  
>  
> Post: PO Box 16205, City East QLD 4002  
>  
> ABN: 14783 317 630  
>  
>  
>  
> ----- Forwarded  
> From: Elaina Smouha [REDACTED]  
> Date: Thu, Jan 13, 2011  
> Subject: Flood Mitigation Manual Review  
> To: tim.watts [REDACTED]  
> Cc: john.bradley [REDACTED]; n.smith@seqwater.com.au [REDACTED],  
> barry.dennier [REDACTED]  
>  
>  
>  
> Tim,  
>  
> Attached is the independent review of Somerset and Wivenhoe Dam  
operations  
> against the Flood Mitigation Manual and a briefing note from Seqwater  
on  
> the development of the Manual.  
>  
> Kind regards  
>  
> Elaina  
>  
> Elaina Smouha  
>  
> Director, Governance and Regulatory Compliance  
>  
> SEQ Water Grid Manager  
>  
> Phone: [REDACTED]  
>  
> Email: [REDACTED]  
> <mailto:[REDACTED]>  
>  
> Visit: Level 15, 53 Albert Street Brisbane  
>  
> Post: PO Box 16205, City East QLD 4002  
>  
> ABN: 14783 317 630  
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> +-----+

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> Think B4U Print
> 1 ream of paper = 6% of a tree and 5.4kg CO2 in the atmosphere
> 3 sheets of A4 paper = 1 litre of water
> +-----+
>
>
```

**From:** Best Debbie  
**Sent:** Friday, 14 January 2011 5:34 PM  
**To:** Kathy Reilly  
**Subject:** RE: Fwd: Flood Mitigation Manual review

**Attachments:** Brian Cooper - final report - old word.doc; Brian Cooper - final report attachment - old.xls; Wivenhoe Dam Background\_Briefing\_Jan\_20111 - old word.doc



Brian Cooper - final report - ...  
Brian Cooper - final report at...  
Wivenhoe Dam Background\_Briefi...

See if you can open these

-----Original Message  
From: Kathy Reilly [redacted]  
Sent: Friday, 14 Jan  
To: Best Debbie  
Subject: Fw: Fwd: Flood Mitigation Manual review

Hi debbie

the blackberry has statred working again, and this was sitting there. Unfortunately, I cannot open the attachments, but the covering letter from Barry indicates a positive outcome. (If you can open the attachments could you please scan and e,mail back to me). The Premier mentioned the review in her press conference this afternoon, so there will be questions about it.

Regards

bob  
----- Original Mess  
From: "Reilly Bob" [redacted]  
To: <threereillys@redacted>  
Sent: Friday, Jan 14, 2011 1:46 PM  
Subject: Fw: Fwd: Flood Mitigation Manual review

>  
>  
> ----- Original Messa  
> From: Elaina Smouha [redacted]  
> To: Allen Peter; pbo [redacted] <pborrows@redacted>  
> Reilly Bob; Gary.Humphrys [redacted] <Gary.Hump@redacted>  
> Humphrys Gary @ SEQWGM  
> Sent: Thu Jan 13 16:51:54 2011  
> Subject: Fwd: Flood Mitigation Manual review  
>  
> Dear All  
>  
> Attached is a copy of the letter and accompanying reports to Minister  
> Robertson regarding operations against the Flood Mitigation Manual.  
>  
> Regards  
>  
> Elaina  
>  
>  
> Elaina Smouha  
>  
> Director, Governance and Regulatory Compliance  
>  
> SEQ Water Grid Manager  
>

> Phone: [REDACTED]  
>  
> Email: [REDACTED]  
> <mailto:[REDACTED]>  
>  
> Visit: Level 15, 53 Albert Street Brisbane  
>  
> Post: PO Box 16205, City East QLD 4002  
>  
> ABN: 14783 317 630  
>  
>  
>  
> ----- Forwarded  
> From: Elaina Smouha [REDACTED]  
> Date: Thu, Jan 13, 2011  
> Subject: Flood Mitigation Manual Review  
> To: tim.watts [REDACTED]  
> Cc: john.bradford [REDACTED], n.smith [REDACTED],  
> barry.dennier [REDACTED]  
>  
>  
>  
> Tim,  
>  
> Attached is the independent review of Somerset and Wivenhoe Dam  
> operations against the Flood Mitigation Manual and a briefing note  
> from Seqwater on the development of the Manual.  
>  
> Kind regards  
>  
> Elaina  
>  
>  
> Elaina Smouha  
>  
> Director, Governance and Regulatory Compliance  
>  
> SEQ Water Grid Manager  
>  
> Phone: [REDACTED]  
>  
> Email: [REDACTED]  
> <mailto:[REDACTED]>  
>  
> Visit: Level 15, 53 Albert Street Brisbane  
>  
> Post: PO Box 16205, City East QLD 4002  
>  
> ABN: 14783 317 630  
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>  
> +-----+  
> Think B4U Print  
> 1 ream of paper = 6% of a tree and 5.4kg CO2 in the atmosphere  
> 3 sheets of A4 paper = 1 litre of water  
> +-----+  
>  
>

**From:** Elaina Smouha [REDACTED]  
**Sent:** Friday, 14 January 2011 5:43 PM  
**To:** Be st Debbie  
**Subject:** Fwd: Flood Mitigation Manual review  
**Attachments:** Scan 1.pdf; Brian Cooper - final report.docx; Brian Cooper - final report attachment.xlsx; Wivenhoe Dam Background\_Briefing\_Jan\_2011[1].docx

Debbie

As requested.

Bob Reilly was previously sent a copy.

Regards

Elaina

**Elaina Smouha**  
Director, Governance and Regulatory Compliance  
**SEQ Water Grid Manager**  
Phone: [REDACTED]  
Email: [REDACTED]  
Visit: Level 15, 53 Albert Street Brisbane  
Post: PO Box 16205, City East QLD 4002  
ABN: 14783 317 630

----- Forwarded message -----

From: **Elaina Smouha** <[REDACTED]>  
Date: Thu, Jan 13, 2011 at 4:51 PM  
Subject: Fwd: Flood Mitigation Manual review  
To: [peter.allen](#) [REDACTED], [pborrows](#) [REDACTED], [bob.reilly](#) [REDACTED],  
[Gary.Humphrys](#) [REDACTED], [gary.humphrys](#) [REDACTED]

Dear All

Attached is a copy of the letter and accompanying reports to Minister Robertson regarding operations against the Flood Mitigation Manual.

Regards

Elaina

**Elaina Smouha**  
Director, Governance and Regulatory Compliance  
**SEQ Water Grid Manager**  
Phone: [REDACTED] | Mobile: [REDACTED] | Fax: [REDACTED]  
Email: [REDACTED]  
Visit: Level 15, 53 Albert Street Brisbane  
Post: PO Box 16205, City East QLD 4002  
ABN: 14783 317 630

----- Forwarded message -----

From: **Elaina Smouha** [REDACTED] >

13/02/2012

Date: Thu, Jan 13, 2011 at 4:45 PM  
Subject: Flood Mitigation Manual review

To: [tim.watts](#) [REDACTED]

Cc: [john.bradley](#) [REDACTED] [ken.smith](#) [REDACTED] [barry.dennier](#) [REDACTED]

Tim,

Attached is the independent review of Somerset and Wivenhoe Dam operations against the Flood Mitigation Manual and a briefing note from Seqwater on the development of the Manual.

Kind regards

Elaina

**Elaina Smouha**

Director, Governance and Regulatory Compliance

**SEQ Water Grid Manager**

Phone: [REDACTED]

Email: [REDACTED]

Visit: Level 15, 53 Albert Street Brisbane

Post: PO Box 16205, City East QLD 4002

ABN: 14783 317 630



**From:** Dennien Barry @ SEQWGM  
**Sent:** Friday, 14 January 2011 5:41 PM  
**To:** Be st Debbie  
**Subject:** Re: Independent report

Bob was sent a copy

Regards  
Barry Dennien

On 14/01/2011, at 5:15 PM, Best Debbie [REDACTED] > wrote:

Barry  
Can Bob and I please get a copy of the report. John said it had gone to Ken last night.  
Thanks

+-----+

Think B4U Print

1 ream of paper = 6% of a tree and 5.4kg CO2 in the atmosphere

3 sheets of A4 paper = 1 litre of water

+-----+

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**From:** Be [REDACTED] st Debbie  
**Sent:** Monday, 23 January 2012 9:57 AM  
**To:** 'alex.ka [REDACTED]'; Reeves Jim  
**Subject:** FW:  
**Attachments:** HIB - The Australian and Jan flood event FINAL.DOC  
HIB from Seqwater

*Debbie Best*

Deputy Director-General, Water and Ecosystem Outcomes Division

**Telephone** [REDACTED] **Mobile** [REDACTED]

**Email** [debbie.bes@derm.qld.gov.au](mailto:debbie.bes@derm.qld.gov.au)

[www.derm.qld.gov.au](http://www.derm.qld.gov.au)


Department of Environment and Resource Management  
Level 13, 400 George Street, Brisbane Q 4000  
GPO Box 2454, Brisbane Q 4001

---

**From:** Mike Foster [REDACTED]  
**Sent:** Monday, 23 January 2012 9:54 AM  
**To:** Best Debbie  
**Subject:**

**Mike Foster**

Manager - Corporate & Community Relations

 cid:image001.png@01C92F65.8EI

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)

 cid:image008.png@01CB8736.F84905B0

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**From:** Be [REDACTED] st Debbie  
**Sent:** Monday, 23 January 2012 2:52 PM  
**To:** Re eves Jim  
**Cc:** Walsh Paul; Claydon Greg  
**Subject:** FW: Media Statement - Seqwater  
**Attachments:** Seqwater media statement 230112.DOC

Jim  
 In case you haven't received this.  
 Debbie

*Debbie Best*

Deputy Director-General, Water and Ecosystem Outcomes Division

Telephone [REDACTED]  
 [REDACTED]

[www.derm.qld.gov.au](http://www.derm.qld.gov.au)

Department of Environment and Resource Management  
 Level 13, 400 George Street, Brisbane Q 4000  
 GPO Box 2454, Brisbane Q 4001

---

**From:** SEQWGM Media [REDACTED]  
**Sent:** Monday, 23 January 2012 2:19 PM  
**To:** Undisclosed recipients  
**Subject:** Media Statement - Seqwater

Please find attached a statement from Seqwater, in response to today's article in the Australian, titled:  
*What the floods inquiry didn't hear: Wivenhoe 'breached the manual'*

Regards  
 SEQ Water Grid Communications Unit

**For further details contact the SEQ Water Grid Communications Unit on:**

**Ph:** [REDACTED]

---

 cid:image001.gif@01CB873F.38F327A0

---

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13/02/2012

**From:** Be st Debbie  
**Sent:** Monday, 23 January 2012 9:45 AM  
**To:** Reeves Jim; Walsh Paul  
**Subject:** FW: Note re Seqwater  
**Attachments:** Doc3.docx

*Debbie Best*

Deputy Director-General, Water and Ecosystem Outcomes Division

**Telephone** [REDACTED]

**Email** [REDACTED]

[www.derm.qld.gov.au](http://www.derm.qld.gov.au)

Department of Environment and Resource Management  
Level 13, 400 George Street, Brisbane Q 4000  
GPO Box 2454, Brisbane Q 4001

---

**From:** John Bradley [REDACTED]  
**Sent:** Monday, 23 January 2012 9:40 AM  
**To:** Best Debbie; 'rachel.nolan' [REDACTED]  
**Cc:** Renee Mickelburgh  
**Subject:** Note re Seqwater

Minister

As requested by Debbie Best– this is my note on the Seqwater issue. Pls treat as background, I will ask Renee in Prem's office to send you the HIB that they are using.

John b

-----  
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**From:** Media @ SEQWGM  
**Sent:** Monday, 23 January 2012 2:19 PM  
**To:** Un disclosed recipients  
**Subject:** Media Statement - Seqwater  
**Attachments:** Seqwater media statement 230112.DOC

Please find attached a statement from Seqwater, in response to today's article in the Australian, titled:  
*What the floods inquiry didn't hear: Wivenhoe 'breached the manual'*

Regards  
SEQ Water Grid Communications Unit

**For further details contact the SEQ Water Grid Communications Unit on:**

**Ph:** [REDACTED]

 cid:image001.gif@01CB873F.38F327A0

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While all care has been taken, the SEQ Water Grid Manager disclaims all liability for loss or damage to person or property arising from this message being infected by a computer virus or other contamination. Unless stated otherwise, this email represents only the views of the sender and not the views of the SEQ Water Grid Manager and/or the Queensland Government.

**From:** John Bradley [REDACTED]  
**Sent:** Monday, 23 January 2012 9:40 AM  
**To:** Be st Debbie; 'rachel.nolan' [REDACTED]  
**Cc:** Re nee Mickelburgh  
**Subject:** No te re Seqwater  
**Follow Up Flag:** Follow up  
**Flag Status:** Co mpleted  
**Attachments:** Do c3.docx

[Minister](#)

As requested by Debbie Best– this is my note on the Seqwater issue. Pls treat as background, I will ask Renee in Prem's office to send you the HIB that they are using.

[John b](#)

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-----


**From:** Mike Foster [REDACTED]  
**Sent:** Monday, 23 January 2012 9:54 AM  
**To:** Be st Debbie  
**Follow Up Flag:** Follow up  
**Flag Status:** Completed  
**Attachments:** HIB - The Australian and Jan flood event FINAL.DOC

**Mike Foster**

Manager - Corporate & Community Relations

 cid:image001.png@01C92F65.8EI

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)

 cid:image008.png@01CB8736.F84905B0

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